

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2021

OR

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number 001-39679

Airspan Networks Holdings Inc.
(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)	85-2642786 (I.R.S. Employer Identification Number)
777 Yamato Road, Suite 310, Boca Raton, Florida (Address of principal executive offices)	33431 (Zip Code)

Registrant's telephone number, including area code: (561) 893-8670

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class:	Trading Symbol:	Name of Each Exchange on Which Registered:
Common stock, par value \$0.0001 per share	MIMO	NYSE American, LLC
Warrants, exercisable for shares of common stock at an exercise price of \$11.50 per share	MIMO WS	NYSE American, LLC
Warrants, exercisable for shares of common stock at an exercise price of \$12.50 per share	MIMO WSA	NYSE American, LLC
Warrants, exercisable for shares of common stock at an exercise price of \$15.00 per share	MIMO WSB	NYSE American, LLC
Warrants, exercisable for shares of common stock at an exercise price of \$17.50 per share	MIMO WSC	NYSE American, LLC

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☐ No ☒

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input checked="" type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
Emerging growth company	<input checked="" type="checkbox"/>		

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

As of June 30, 2021, the last business day of the registrant's most recently completed second fiscal quarter, the aggregate market value of the registrant's common stock, par value \$0.0001 per share, held by non-affiliates, computed by reference to the closing sales price of \$10.00 reported on the NYSE American, LLC, was \$115,000,000.

As of April 5, 2022, 72,335,952 shares of the registrant's common stock, par value \$0.0001 per share, were issued and outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

None.

AIRSPAN NETWORKS HOLDINGS INC.
Annual Report on Form 10-K
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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This Annual Report on Form 10-K (“Annual Report”) contains statements reflecting assumptions, expectations, projections, intentions or beliefs about future events that are intended as “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. All statements included in this Annual Report, other than statements of historical fact, that address activities, events or developments that we expect, believe or anticipate will or may occur in the future are forward-looking statements. These statements appear in a number of places, including, but not limited to “Management’s Discussion and Analysis of Financial Condition and Results of Operations.” These statements represent our reasonable judgment of the future based on various factors and using numerous assumptions and are subject to known and unknown risks, uncertainties and other factors that could cause our actual results and financial position to differ materially from those contemplated by the statements. You can identify these statements by the fact that they do not relate strictly to historical or current facts, and use words such as “anticipate,” “believe,” “estimate,” “expect,” “forecast,” “may,” “should,” “plan,” “project” and other words of similar meaning. In particular, these include, but are not limited to, statements relating to the following:

- our expected financial and business performance;
- changes in our strategy, future operations, financial position, estimated revenues and losses, forecasts, projected costs, prospects and plans;
- the implementation, market acceptance and success of our products;
- demand for our products and the drivers of that demand;
- our estimated total addressable market and other industry projections, and our projected market share;
- competition in our industry, the advantages of our products and technology over competing products and technology existing in the market, and competitive factors including with respect to technological capabilities, cost and scalability;
- our ability to scale in a cost-effective manner and maintain and expand our manufacturing relationships;
- our ability to enter into production supply agreements with customers, the terms of those agreements, and customers’ utilization of our products and technology;
- our expected reliance on tier 1 customers;
- developments and projections relating to our competitors and industry, including with respect to investment in 5G networks;
- our expectation that we will incur substantial expenses and continuing losses for the foreseeable future and that we will incur increased expenses as a public company;
- the impact of health epidemics, including the COVID-19 pandemic, on our business and industry and the actions we may take in response thereto;
- our expectations regarding our ability to obtain and maintain intellectual property protection and not infringe on the rights of others;
- expectations regarding the time during which we will be an emerging growth company under the Jumpstart Our Business Startups Act of 2012 (the “JOBS Act”);
- our future capital requirements and sources and uses of cash;
- our ability to obtain funding for our operations;

- our business, expansion plans and opportunities;
- anticipated financial performance, including gross margin, and the expectation that our future results of operations will fluctuate on a quarterly basis for the foreseeable future;
- expected capital expenditures, cost of revenue and other future expenses, and the sources of funds to satisfy our liquidity needs; and
- the outcome of any known and unknown litigation and regulatory proceedings.

These forward-looking statements are based on information available as of the date of this Annual Report and current expectations, forecasts and assumptions, and involve a number of judgments, risks and uncertainties. Accordingly, forward-looking statements should not be relied upon as representing our views as of any subsequent date, and we do not undertake any obligation to update forward-looking statements to reflect events or circumstances after the date they were made, whether as a result of new information, future events or otherwise, except as may be required under applicable securities laws.

You should not place undue reliance on these forward-looking statements. As a result of a number of known and unknown risks and uncertainties, our actual results or performance may be materially different from those expressed or implied by these forward-looking statements. Some factors that could cause actual results to differ include:

- the ability to maintain the listing of our securities on the NYSE American or any other exchange;
- the price of our securities may be volatile due to a variety of factors, including changes in the industries in which we operate, variations in performance across competitors, changes in laws and regulations affecting our business and changes in our capital structure;
- the risk of downturns and the possibility of rapid change in the highly competitive industry in which we operate;
- the risk that we and our current and future collaborators are unable to successfully develop and commercialize our products or services, or experience significant delays in doing so;
- the risk that we do not achieve or sustain profitability;
- the risk that we will need to raise additional capital to execute our business plan, which may not be available on acceptable terms or at all;
- the risk that we experience difficulties in managing our growth and expanding operations;
- the risk that third-party suppliers and manufacturers are not able to fully and timely meet their obligations;
- the risk of product liability or regulatory lawsuits or proceedings relating to our products and services;
- the risk that we are unable to secure or protect our intellectual property; and
- other risks and uncertainties described in this Annual Report, including those under the section entitled “Risk Factors.”

RISK FACTOR SUMMARY

Our business is subject to numerous material and other risks. These risks are described more fully in the section entitled “Risk Factors.” The occurrence of one or more of the events or circumstances described in the section entitled “Risk Factors,” alone or in combination with other events or circumstances, may have a material adverse effect on our business, reputation, revenue, financial condition, results of operation and future prospects. These risks include, among others:

- Risks related to our business and industry, including that:
 - We have incurred losses and may continue to incur substantial losses and negative operating cash flows and may not succeed in achieving or maintaining profitability in the future.
 - Any reduction in expenditures by communications service providers could have a negative impact on our results of operations.
 - The introduction of new products and technology, and in particular 5G products, and managing the transition from legacy products, is key to our success, and if we fail to predict and respond to emerging technological trends and network operators’ changing needs, we may be unable to remain competitive.
 - Competition from larger, better-capitalized or emerging competitors could result in price reductions, reduced gross margins and loss of or diminished growth of market share.
 - We currently depend on a few key customers for a substantial percentage of our sales. A loss of one or more of those customers could cause a significant decrease in our net revenue.
 - Many of our customers execute short-term purchase orders or contracts that allow our customers to terminate the agreement without significant penalties.
 - We are exposed to the credit risk of our channel partners, which could result in material losses.
 - Our sales cycle is typically long and unpredictable, making it difficult to accurately predict inventory requirements, forecast revenues and control expenses.
 - We make estimates relating to customer demand and errors in our estimates may have negative effects on our inventory levels, revenues and results of operations.
 - Since we incur most of our operating expenses and a portion of our cost of goods sold in foreign currencies, fluctuations in the values of foreign currencies could have a negative impact on our profitability.
 - We rely on third-party manufacturers, which subjects us to risks of product delivery delays and reduced control over product costs and quality.
 - The inability of our supply chain to deliver certain key components could materially adversely affect our business, financial condition and results of operations.
 - We must often establish and demonstrate the benefits of new and innovative offerings to customers, which may take time and significant efforts that may not ultimately prove successful.
 - Our ability to sell our products is highly dependent on the quality of our support and services offerings, and our failure to offer high-quality support and services could have a material adverse effect on our business, operating results and financial condition.
 - We may not be able to detect errors or defects in our solutions until after full deployment and product liability claims by customers could result in substantial costs.
 - A material defect in our products that either delays the commencement of services or affects customer networks could seriously harm our credibility and our business, and we may not have sufficient insurance to cover any potential liability.
 - A pandemic, epidemic or outbreak of an infectious disease in the United States or worldwide, including the outbreak of the novel strain of coronavirus disease, COVID-19, could adversely affect our business.

- Risks associated with ongoing inflation and increasing oil and gas prices could adversely affect our business, financial condition and results of operations.
- We may not secure additional liquidity required to meet our obligations on a timely basis, to satisfy our debt covenants or to attain profitable operations.
- We have substantial indebtedness and are highly leveraged, which could adversely affect our business.
- We may need additional capital in future periods and our ability to access capital on acceptable terms could decrease significantly and may adversely affect our results of operations and/or business prospects.
- We will have broad discretion over the use of proceeds from the exercise of our warrants and options to purchase our Common Stock, and we may invest or spend the proceeds in ways with which investors do not agree and in ways that may not yield a return.
- Risks related to our intellectual property, including that:
 - We may not have adequate protection for our intellectual property, which may make it easier for others to misappropriate our technology and enable our competitors to sell competing products at lower prices and harm our business.
 - Infringement claims are common in our industry and third parties, including competitors, have and could in the future assert infringement claims against us or our customers that we are obligated to indemnify.
 - We may be subject to damages resulting from claims that our employees or contractors have wrongfully used or disclosed alleged trade secrets of their former employees or other parties.
- Risks related to laws and regulations, including that:
 - Changes in telecommunications regulation or delays in receiving licenses could adversely affect many of our customers and may lead to lower sales.
 - If we are not able to satisfy data protection, security, privacy and other government- and industry-specific requirements or regulations, our business, results of operations and financial condition could be harmed.
- Risks related to our securities, including that:
 - If we do not meet the expectations of investors or securities analysts, the market price of our securities may decline.
 - We qualify as an “emerging growth company” within the meaning of the Securities Act of 1933, as amended (the “Securities Act”), and if we take advantage of certain exemptions from disclosure requirements available to emerging growth companies or smaller reporting companies, it could make our securities less attractive to investors and may make it more difficult to compare our performance to the performance of other public companies.
 - We may be subject to securities litigation, which is expensive and could divert management attention.
 - Our warrants are accounted for as liabilities and the changes in value of the warrants could have a material effect on our financial results.
- General risks, including that:
 - Interruption or failure of our information technology and communications systems could impact our ability to effectively provide our products and services.
 - We are subject to cybersecurity risks to operational systems, security systems, infrastructure, integrated software in our 4G and 5G products and customer data processed by us or third-party vendors or suppliers and any material failure, weakness, interruption, cyber event, incident or breach of security could prevent us from effectively operating our business.

INTRODUCTORY NOTE

On August 13, 2021 (the “Closing”), New Beginnings Acquisition Corp., a Delaware corporation (“New Beginnings”), Artemis Merger Sub Corp., a Delaware corporation and wholly-owned direct subsidiary of New Beginnings (“Merger Sub”), and Airspan Networks Inc., a Delaware corporation (“Legacy Airspan”), consummated their previously announced business combination (the “Business Combination”) pursuant to the terms of the Business Combination Agreement, dated as of March 8, 2021 (the “Business Combination Agreement”).

Pursuant to the Business Combination Agreement, on the Closing date, (i) New Beginnings changed its name to “Airspan Networks Holdings Inc.” and (ii) shares of Legacy Airspan capital stock issued and outstanding immediately prior to the Closing (including shares of Legacy Airspan capital stock issued pursuant to the net exercise of warrants to purchase Legacy Airspan capital stock, but excluding shares of Legacy Airspan restricted stock that were not Legacy Airspan accelerated restricted stock) were automatically converted into and became the right to receive 59,726,486 shares of Airspan Networks Holdings Inc. common stock (the “Common Stock”) and 9,000,000 of our Post-Combination Warrants (as defined below).

PART I

Item 1. Business

Airspan Networks Holdings Inc. (“Airspan”, the “Company”, “we” or “us”) is a designer and producer of wireless network equipment for 4G and 5G networks for both mainstream public telecommunications service providers and private network implementations.

Overview

We are a U.S. headquartered, award-winning technical leader, in the 4G and 5G Radio Access Network (“RAN”) and broadband access solutions market. We offer a broad range of software defined radios, broadband access products and network management software to enable cost-effective deployment and efficient management of mobile, fixed and hybrid wireless networks. Our customers include leading mobile communications service providers (“CSPs”), large enterprises, military communications integrators and internet service providers (“ISPs”) working to deliver high-capability broadband access to numerous markets. Our mission is to disrupt and modernize network total cost of ownership (“TCO”) models. We aim to lower costs for customers throughout the product lifecycle, from procurement through commissioning and ongoing operating costs. We have been pioneering wireless technology for over 20 years and are distinguished by our deep customer relationships, innovative product design capabilities and expertise in solving technical challenges at the network edge, where a device or local network interfaces with the Internet or other networks.

In 4G mobile networks, we established ourselves as an expert in network densification by focusing on solving the problems associated with physically locating, installing and commissioning networks consisting of hundreds of thousands of small cells as an alternative and supplement to macro cell-based networks. Software-defined and cost-optimized radio platforms, self-organizing/optimization algorithms and minimum power consumption have been critical to our 4G business and are expected to be even more critical to the deployment and expansion of new 5G networks. As an early leader in 5G OPEN-RAN standards, we have worked to unbundle the monolithic network architectures previously dominated by large incumbent suppliers such as Huawei Technologies Co., Ltd. (“Huawei”), Telefonaktiebolaget LM Ericsson (“Ericsson”) and Nokia Corporation (“Nokia”). As a foundational member of the 5G ecosystem, we work closely with wireless operators, chipset suppliers and infrastructure vendors around the world on 5G developments, trials, pilots and initial 5G deployments.

We started our business in digital wireless access, primarily voice services, rapidly becoming a leader in high performance wireless data networks. Our acquisition of Mimosa Networks in 2018 strengthened our position in today’s rapidly expanding wireless broadband access market. Mimosa’s capabilities and innovation in wireless broadband point-to-point and point-to-multipoint networks strengthened our disruptive position in the mobile 4G/5G network densification space and expanded our existing North American presence with an engineering center in Silicon Valley. Mimosa’s channel-led sales strategy enhances the distribution of our existing products for specific vertical markets, such as private 4G and 5G and applications in citizens broadband radio service (“CBRS”).

The Wireless Communications Industry

The wireless industry has evolved from Marconi’s 1897 18-mile communication to a tugboat to high speed mobile broadband. Launched in 2002, 3G cellular technology networks provided connectivity to access the World Wide Web from mobile devices and high-powered smart phones and apps began to change the way we live. Launched in 2010, higher speed 4G networks introduced the concept of mobile broadband, connected enterprise applications to cloud computing and began to modernize the way people communicate, interact and work. Presently, 5G networks, with up to 100 times the speed and as little as 10% of the latency (network edge turnaround time) of 4G networks, are expected to be foundational to the development and expansion of autonomous vehicles, telemedicine, live ultra-high definition video streaming, cloud gaming, edge computing and numerous industrial applications, such as augmented reality and robotics for smart manufacturing, supply chain automation and military and defense applications.

Over the next ten years, we believe that 5G networks will become increasingly common across much of the globe, an expansion that will require substantial investment from stakeholders. Operators will need to invest in spectrum rights, network equipment and deployment well in advance of realization of any increase in revenues from the new capabilities that 5G networks offer. Airspan is working with leading global service providers and enterprises in the mobile and fixed wireless access (“FWA”) ecosystems to develop, commercialize and accelerate the availability of Open Standard 5G solutions that enable cost-efficient initial deployment and then, based on such open standards, allow those networks to efficiently adapt and grow in response to the emerging applications that are expected to generate increased revenue streams to recoup such network investments.

Business Strategy

Our mission is to disrupt and modernize network TCO models, providing innovative solutions that meet specific application requirements at the network edge. In support of this mission, we pursue a strategy focused on customer responsiveness, technology leadership and excellence in execution.

- *Industry Relationships.* We have relationships with some of the world's most innovative Tier-1 CSPs including SoftBank, Reliance Jio and Rakuten. We have helped specialized private network operators like GoGo (in-flight internet) and McLaren (automotive connectivity) to address the challenges associated with high speed cellular networks. We have worked closely with leading edge technology companies such as Qualcomm Incorporated and Quantenna Communications Inc. In partnership with these customers and suppliers, we have helped to address the challenges of next generation RAN deployments at scale, while building a portfolio of solutions to help innovators deploy novel and innovative networks, augmenting our technology portfolio, creating greater visibility into our end markets and informing our product development road map.
- *Technology Leadership.* We have focused on software-defined RAN technology for over 20 years, while developing the skills and discipline needed to respond to near-term customer-driven opportunities without deviating from our long-term product roadmaps. We have learned how to rapidly incorporate the experiential learning represented by over one million deployed cells. That has resulted in a unified software code base and a finely tuned library of low cost and high-performance radio frequency ("RF") subsystems across our company. Today, we employ over 400 engineers with deep expertise in 5G New Radio ("NR"), long-term evolution ("LTE"), LTE-Advanced, orthogonal frequency division multiple access ("OFDMA"), Wi-Fi and VoIP, and are a leader in OPEN-RAN software with a track record of continuous innovation at the network edge. We hold 180 issued and 76 pending patents, including US patents and various foreign counterparts.
- *Excellence in Execution.*

Speed - We develop innovative RAN solutions that address our customers' specific deployment challenges at the network edge, by anticipating the challenge in our roadmap, rapid prioritization, unified software and hardware project teams and then by accessing a single code base and a proven library of RF subsystems.

Efficiency - Hardware production is 100% outsourced to world class manufacturing partners such as Foxconn in Vietnam and Cape in Malaysia and delivered by a third-party logistics network with worldwide reach.

Experience - Our management and engineering teams have worked together for over 20 years in a challenging international market on the kinds of opportunities and challenges our 5G customers are facing.

Products

We offer a complete range of 4G and 5G network build and network densification products with an expansive portfolio of software and hardware tools for indoor and outdoor, compact femto, pico, micro and macro base stations, as well as an industry leading 802.11ac and 802.11ax fixed wireless access and backhaul solution portfolio for point-to-point and point-to-multipoint applications. Our solutions help network operators monetize the potential of 4G and 5G technologies and use cases and, in addition, allow enterprises to establish their own private networks especially in 5G, where dedicated spectrum has been allocated. The table below summarizes our product categories:

5G Product Family	Description
Air5G 5700	Outdoor Sub-6GHz Radio Unit (RU) supporting 32x32 massive MIMO array, Split 7.2x
Air5G 7200	Outdoor mmWave Macro RDU (Radio Unit (RU) and Distributed Unit (DU)) with an integrated 128x128 antenna array, Split 2
AirU / AirDU	Outdoor Sub-6GHz Macro Radio Unit (RU) and Macro RDU (Radio Unit (RU) and Distributed Unit (DU)) consists of 4x4 or 8x8 antennas, each transmit in high power (40W per channel), Split 7.2x or split 2
AirStrand2900	Outdoor Sub-6GHz dual sector strand-mounted full gNB with DOCSIS backhaul
AirSpeed2900	Outdoor Pico cell Sub-6GHz dual sector full gNB
AirSpeed1900	Outdoor Pico cell Sub-6GHz single sector full gNB
AirVelocity 2700	Indoor Sub-6GHz Radio Unit (RU), with integrated or external antenna, Split 7.2x
AirVelocity 6200	Indoor mmWave RDU (Radio Unit (RU) and Distributed Unit (DU)) with an integrated 64x64 antenna array, Split 2
AirStar1900	Indoor Sub-6GHz dual sector (to cover both indoor and outdoor) full gNB
AirVelocity1900	Indoor Sub-6GHz single sector full gNB
SW Product Family	Description
4G eNb SW	Full SW package including L1, L2, L3 and management and control needed to operate the eNb
5G RU SW	SW to operate the RU. In Split 7.2x consist of the L-PHY
5G DU SW	Includes the H-PHY and L2, running in the gNb or on a server
5G CU SW	Includes the L3, running in the gNb or on a server
5G ACP SW	The management SW controlling the system components (HW and SW)
4G Product Family	Description
AirHarmony	Outdoor Mini-Macro, 2x 20W Tx power
AirSpeed	Outdoor dual sector/carrier Pico cell up to 10W Tx power
AirStrand	Outdoor strand-mounted, with DOCSIS backhaul, Pico Cell
AirVelocity	Enterprise/Residential indoor Small Cell
AirUnity	Indoor small cell (dual sector) with integrated LTE relay backhaul
AirDensity	Indoor small cell (single sector) with integrated LTE relay backhaul
Point To Point (“PTP”) Product Family	Description
B series	High reliability PTP link supporting various bands and with various antenna options.
C series	Affordable integrated PTP and PTMP CPE device with flexible antenna connectivity for unlicensed frequency support.
Point to Multi Point (“PTMP”) Product Family	Description
A series	Access Point for urban/suburban MicroPoP PTMP and broadband deployments with flexible antenna connectivity for unlicensed frequency support. Supports C5x and C5c CPEs.
PTP/PTMP SW Product Family	Description
MMP	Full element management and monitoring software for PTP & PTMP devices, for on-premises hosting, private clouds and virtualization.
Mimosa Cloud	Cloud device monitoring software service for PTP & PTMP devices.
Install App	Android App software to assist with subscriber device and service installation and activation.

Seasonality

We generally have lower sales in the first quarter of the calendar year than the final quarter of the preceding year.

Regulation

In addition to regulations of general application to global business, we are subject to a number of regulatory requirements specific to the wireless communications industry. Our products are subject to rules relating to radio frequency spectrum allocation and authorization of certain radio equipment promulgated by the Federal Communications Commission or the National Telecommunications and Information Administration.

The applicable regulatory agency in each jurisdiction adopts regulations to manage spectrum use, establishes and enforces priorities among competing uses, limits harmful radio frequency interference and promotes policy goals such as broadband deployment. These spectrum regulations regulate allocation, licensing and equipment authorizations. Since our customers purchase devices to operate in specific spectrum bands allocated by the regulatory authorities, our products must meet the technical requirements set forth for such spectrum allocation(s).

In some bands, the operator must seek prior regulatory authority to operate using specified frequencies, and the resulting spectrum license authorizes the licensee, for a limited term, to operate in a spectrum consistent with licensed technical parameters within a specified geographic area. We design and manufacture our products to comply with these technical parameters.

Our products generally are subject to compliance testing prior to approval, and, as a condition of authority in each jurisdiction, we must ensure that our products have the proper labels and documentation specifying such authority. We generally use telecommunications certification bodies to obtain certification for our devices in each jurisdiction in which we intend to market and sell our products.

Competition

We compete in two broad markets: mobile RAN equipment and services and wireless broadband access. We compete with large direct competitors in the RAN market such as Huawei, ZTE Corporation, Ericsson, Nokia and Samsung Group as well as smaller players such as Altiostar USA, Parallel Wireless Inc., Inseego Corp, KMW Co Ltd and Casa Systems, Inc. In the broadband market, we have direct competitors as well as competing access technologies. The competing technologies include wireline Digital Subscriber Line (“DSL”), fiber, cable and satellite. Direct wireless broadband competition includes Cambium Networks, Proxim Wireless Corporation, Ubiquiti Inc., Ruckus Networks, a division of CommScope Inc., and many other smaller companies. In addition, some of the entities to which we currently sell our products may develop the capacity to manufacture their own products.

When competing with the large incumbents for business in 4G networks, we rely on software centric small cell experience to provide densification solutions that fit under our larger end-to-end competitors’ macro cell architectures. Our 4G market has been limited to customers with severe capacity restrictions such as Sprint and Reliance that are difficult to address without massive densification. As 5G technology becomes more prevalent across the markets in which we operate, software and small cell-centric disaggregation of networks via O-RAN standards, instead of large macro-centric networks, allows us to take advantage of our competitive strengths, with increased access to CSPs utilizing 5G disaggregation to drive network buildout and to lower their overall operating costs. While we have an advantage within the O-RAN disaggregation market with both software modules and radio equipment based on our years of end-to-end RAN experience, we will have to continue innovation in access edge solutions, as software-only competitors such as Altiostar and Mavenir begin integration with commercial off-the-shelf radios and the larger incumbents such as Ericsson and Nokia invest time and resources into network disaggregation solutions.

Competing Technologies

Today, broadband connections can be provided with or without voice services by a number of competing access technologies. While the communications transport network and Internet backbone are capable of transporting data at extremely high speeds, data can only be delivered from those parts of the network through the access portion to the end-user as fast as the end-user’s connection to the network will permit. Many traditional access connections that use copper wires are inadequate to address the rapidly expanding bandwidth requirements. To address these requirements, a number of alternative solutions have emerged. Below we have identified those solutions that we believe, for a variety of technological and economic reasons, compete most directly with the broadband wireless solutions we offer. Rural areas generally have fewer copper and wired infrastructures in existence. For this reason, we believe we have a particular competitive edge in rural and developing markets.

The performance and coverage area of our wireless systems are dependent on some factors that are outside our control, including features of the environment such as the amount of clutter (natural terrain features and man-made obstructions) and the available radio frequencies. Any inability to overcome these obstacles may make our technology less competitive in comparison with other technologies and make other technologies less expensive or more suitable. Our business may also compete in the future with products and services based on other wireless technologies and other technologies that have yet to be developed.

Wired Digital Subscriber Lines. Broadband access is provided today by wired technologies using both copper and fiber. Copper is used most often in residential broadband access systems.

DSL technology improves the data transmission rate of existing copper networks. DSL transmission rates and service availability, however, are limited in all networks by both the quality of the available copper, which for many providers is a large percentage of their copper network, and by the maximum transmission distance (approximately five kilometers from the subscriber to the service provider's switching equipment in many instances) of wired DSL technology. In many instances, a substantial portion of an operator's copper network is unsuitable for DSL transmission.

Fiber technology allows an operator to deliver video, voice and data capabilities over an optical fiber medium that can deliver very high capacity to end-users. Because of the high costs associated with its deployment, fiber is used primarily for broadband access for businesses. It is most economically deployed in urban and suburban environments where business and residents create very high demand for services over broadband, and end-users can afford the relatively high tariffs charged by operators to provide fiber-based connectivity.

Cable Networks. Two-way cable modems using coaxial cable enable data services to be delivered over a network originally designed to provide television service to residential subscribers. Coaxial cable has greater transmission capacity than copper wires, but is often costly to upgrade for two-way data services. The data rate available to each subscriber on a cable link decreases as the number of subscribers using the link increases. Cable coverage, which is not available in many countries, may limit the growth of this segment as a broadband access medium.

Satellite Networks. For a variety of technological and economic reasons, satellite technologies have not presented the most direct competitive challenge to the fixed wireless access systems we offer. We believe that newer Low Earth Orbit ("LEO") systems will eventually find a role in remote access but will be vulnerable to the spread of terrestrial broadband facilities driven in part by the need for very low latency, high speed backhaul for ubiquitous 5G networks.

Customers

Our customers are principally network operators, who provide their customers with fixed, nomadic and portable broadband solutions, as well as backhaul and bridging solutions and mobile access solutions. Our customers today can generally be described as follows:

- Fixed and mobile carriers looking to provide high speed triple-play broadband services to a wide customer base;
- Energy, utility and enterprise and data centric carriers where high speed connectivity is required between locations with a variety of private networking capabilities;
- Military, defense and public safety network operators providing wireless connectivity across a broad range of applications; and
- Wireless ISPs that operate in areas where other carriers choose not to offer broadband access services.

We began shipping our products in 1996.

Our contracts with our customers typically provide for delivery of products and services, including training, radio planning and maintenance we provide. Our contracts sometimes include installation and commissioning, which are generally provided by subcontractors. In addition, we generally also agree to provide warranty for the equipment and software for a limited period of time.

Our contracts are generally non-exclusive and may contain provisions allowing our customers to terminate the agreement without significant penalties. Our contracts also may specify the achievement of shipment, delivery and service commitments. We are generally able to meet these commitments or negotiate extensions with our customers.

Our three largest customers have accounted for a substantial majority of our sales in the two years ended December 31, 2021 and 2020. Our top three customers accounted for 63% and 69% of revenue in 2021 and 2020, respectively. See Note 2 of the notes to the audited financial statements included in this Annual Report.

Sales and Marketing

We sell our systems and solutions through our direct sales force and through independent agents, resellers and original equipment manufacturer (“OEM”) partners. Our direct sales force targets network operators, ISPs and enterprises in both developed and developing markets. In certain markets, including those in which our Mimosa business operates, we also sell through independent agents, resellers, distributors and system integrators who target network operators and other customers. We also sell our products to OEMs who may sell our products under their names.

Our marketing efforts are focused on network operators and ISPs that provide voice and data or data-only communications services to their customers. Through our marketing activities, we provide technical and strategic sales support including in-depth product presentations, network design and analysis, bid preparation, contract negotiation and support, technical manuals, sales tools, pricing, marketing communications, marketing research, trademark administration and other support functions.

A high level of ongoing service and support is critical to our objective of developing long-term customer relationships. To facilitate the deployment of our systems, we offer our customers a wide range of implementation and support services, including spectrum planning and optimization, post-sales support, training, a helpline and a variety of other support services.

Our subcontractors, who have the expertise and ability to professionally install our products, perform most major installations and commissioning. This enables us to efficiently manage fluctuations in the volume of installation work.

As of December 31, 2021, we had 239 full-time employees and contractors worldwide dedicated to sales, marketing and customer service.

Intellectual Property

We rely on a combination of patent, trademark, copyright and trade secret law and confidentiality or license agreements to protect our proprietary rights in products, services, know-how and information. Intellectual property laws afford limited protection. Certain rights held by us and our subsidiaries may provide us with competitive advantages, even though not all of these rights are protected under intellectual property laws. It may be possible for a third party to copy our products and services or otherwise obtain and use our proprietary information without our permission.

Through the development of our products, we have generated a significant patent portfolio. As of December 31, 2021, our development efforts have resulted in 180 separate patents granted (includes U.S. patents and various foreign counterparts), with a further 76 currently pending (includes U.S. patents and foreign counterparts) applications. To improve system performance and reduce costs, we have developed custom integrated circuits that incorporate much of our intellectual property as well as a large library of AI base software modules which are key elements of our wireless solutions.

United States patents are currently granted for a term of 20 years from the date a patent application is filed. Our U.S. patents have in the past given us competitive advantages in the marketplace, including a number of patents for wireless transmission techniques and antenna technologies with a particular emphasis on high speed mobility and power efficiency.

United States trademark registrations are for a term of ten years and are renewable every ten years as long as the trademarks are used in the regular course of trade. We register our trademarks in a number of other countries where we do business.

Manufacturing

We subcontract all of our manufacturing to third party subcontract manufacturing service providers. These providers offer full service manufacturing solutions, including assembly, integration, test, prototyping and new product introduction. The following is an overview of where our products are manufactured.

- Our 4G and 5G product families are all currently produced with Foxconn in their Vietnam facilities.
- Our Mimosa product range is currently produced in Malaysia with Cape Manufacturing (M) Sdn. Bhd. of the Cape Group of Companies.
- We also contract with smaller contract manufacturers for early life prototyping and engineering samples.

Our agreements with our manufacturing subcontractors are non-exclusive and may be terminated by either party generally on six months' notice without significant penalty. Other than component purchase liability as a consequence of authorized forecasts we provide, we do not have any agreements with our manufacturing subcontractors to purchase any minimum volumes. Our manufacturing support activities consist primarily of prototype development, new product introduction, materials planning and procurement, functional test support and quality control. All products are routed to customers via one of our third-party logistics partners.

Some of the key components of our products are purchased from single vendors for which alternative sources are generally not readily available in the short to medium term. If these vendors fail to supply us with components because they do not have them in stock when we need them, if they reduce or eliminate their manufacturing capacity for these components or if they enter into exclusive relationships with other parties which prevents them from selling to us, we could experience and have experienced significant delays in shipping our products while we seek other sources. The COVID-19 pandemic had a significant impact on our supply chains, adversely affecting product supply and delivery to our customers. Future pandemic induced lockdowns continue to be a risk to the supply chain. As a further consequence of the COVID-19 pandemic, component lead times are extending as demand exceeds supply on certain components, including semiconductors, and have caused the costs of components to increase. This has caused us to extend our forecast horizon with our contract manufacturing partners and has increased the risk of supplier delays. We cannot at this time accurately predict what effects, or the extent, the COVID-19 pandemic will have on our 2022 operating results, due to uncertainties relating to the ultimate geographic spread of the virus, the severity of the disease, the duration of the outbreak, component shortages and increased component costs, the length of voluntary business closures, and governmental actions taken in response to the outbreak. More generally, the widespread health crisis has and may continue to adversely affect the global economy, resulting in an economic downturn that could affect demand for our products and therefore impact our results of operations and financial condition.

Human Capital Resources

Employee Overview

Our employees are instrumental in helping inspire us to achieve our goals. They bring a wide range of talents, experience and perspectives to drive our business. We are an equal opportunity employer, and it is our policy to make employment decisions and opportunities based on merit, qualifications, potential and competency.

As of December 31, 2021, we had 749 full-time equivalent employees based primarily in the United Kingdom, India, Israel and the United States. We also engage numerous consultants and contractors to supplement our permanent workforce. We believe that we generally have good relationships with our employees. None of our employees are subject to a collective bargaining agreement or represented by a labor union, nor have we experienced any work stoppages.

Talent and Human Capital Management

We believe that human capital management is an important component to our continued growth and success, and is critical to our ability to attract, retain and develop talented and skilled employees.

Our human capital is governed by employment regulations in each country in which we operate. We monitor key employment activities, such as hiring, termination and pay practices to ensure compliance with established regulations across the world. Attracting, developing and retaining the best people globally is critical to our long-term success.

Diversity and Inclusion

We believe in attracting, developing and retaining diverse teams. We embrace diversity and inclusion and strive to provide an environment rich with diverse skills, backgrounds and perspectives.

Incentive Plans

The principal purpose of our incentive plans is to increase stockholder value by attracting, retaining and motivating high value personnel through the granting of equity and non-equity-based compensation awards. The incentive plans are designed to motivate individuals to perform to the best of their abilities to achieve our short and long term objectives.

Corporate Information

We were incorporated under the laws of the State of Delaware on August 20, 2020 under the name New Beginnings Acquisition Corp. Upon the Closing, we changed our name to Airspan Networks Holdings Inc. Our principal executive offices are located at 777 Yamato Road, Suite 310, Boca Raton, Florida 33431 and our telephone number is (561) 893-8670. Our main operations, manufacturing and product development centers are located in Santa Clara, California, Slough, United Kingdom, Airport City, Israel, Mumbai and Bangalore, India and Tokyo, Japan. Our website address is www.airspan.com. We make available, free of charge, our annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), as well as proxy statements, on our website as soon as reasonably practicable after we electronically file such material with, or furnish it to, the Securities and Exchange Commission (“SEC”). The information contained in, or that can be accessed through, our website is not part of, and is not incorporated into this document.

Item 1A. Risk Factors

Our business is subject to numerous risks and uncertainties. The occurrence of one or more of the events or circumstances described in this section “Risk Factors,” alone or in combination with other events or circumstances, may materially adversely affect our business, financial condition and operating results. In that event, the trading price of our securities could decline, and you could lose all or part of your investment in our securities. Such risks include, but are not limited to:

Risks Related to Our Business and Industry

We have incurred losses and may continue to incur substantial losses and negative operating cash flows and may not succeed in achieving or maintaining profitability in the future.

We have incurred net losses and negative cash flows since incorporation, and as of December 31, 2021, we had an accumulated deficit of \$765.9 million. We anticipate that we will continue to experience negative cash flows and net losses at least through 2022. Our operating losses have been due in part to the commitment of significant resources to our research and development and sales and marketing departments as well as competitive pressures. We expect to continue to devote resources to these areas and, as a result, we will need to increase our quarterly revenues or further decrease our operating expenses to achieve and maintain profitability. We cannot be certain that we will achieve profitability. If we do achieve profitability, we cannot be certain that we can sustain or increase profitability on a quarterly or annual basis in the future. Continuous cash outflows can lead to the need for new financing, which may not be available on favorable terms, or at all.

Any reduction in expenditures by communications service providers could have a negative impact on our results of operations.

Our products are sold to telecommunications carriers, service providers and telecommunications network operators. A decline in our customers’ capital spending may reduce our sales, increase the need for inventory write-offs and increase our losses and our requirements for additional working capital, which may not be readily available to us. This could result in downward pressure on the price of our products, all of which would have a material adverse effect on our results of operations and stock price. Further, the number of carriers and service providers that are our potential customers may not grow or may decline as a result of, among other things, the substantial capital requirements needed to establish networks and the limited number of licenses granted in each country.

The introduction of new products and technology, and in particular 5G products, and managing the transition from legacy products, is key to our success, and if we fail to predict and respond to emerging technological trends and network operators’ changing needs, we may be unable to remain competitive.

The wireless broadband market is generally characterized by rapidly changing technology, changing needs of network operators, evolving regulations and industry standards and frequent introductions of new products and services. Currently, the race to introduce 5G products and technology is driving rapid changes in our industry. Historically, new product introductions have been a key driver of our revenue growth. To succeed, we must effectively anticipate and adapt in a timely manner to network operator requirements and continue to develop or acquire new products and features that meet market demands, technology trends and evolving regulatory requirements and industry standards. Our ability to keep pace with technological developments, such as 5G and LTE, satisfy increasing network operator requirements, and achieve product acceptance depends upon our ability to enhance our current products and develop and introduce or otherwise acquire the rights to new products on a timely basis and at competitive prices. The process of developing new technology is complex and uncertain, and the development of new products and enhancements typically requires significant upfront investment and commitment of resources, which may not result in material improvements to existing products or result in marketable new products or cost savings or revenues for an extended period of time, if at all. We are currently investing in the development of products and technology for the 5G standard once it is generally adopted in our target markets. There can be no assurance we will successfully address the new 5G standard in a timely manner or that our products will achieve market acceptance. Network operators have delayed, and may in the future delay, purchases of our products while awaiting release of new products or product enhancements. In addition, the introduction of new or enhanced products requires that we carefully manage the transition from older products to minimize disruption in customer ordering practices. If we fail to anticipate industry trends and evolving regulations by developing or acquiring rights to new products or product enhancements and timely and effectively introducing such new products and enhancements, or network operators do not perceive our products to have compelling technological advantages, our business would be materially adversely affected.

Competition from larger, better-capitalized or emerging competitors could result in price reductions, reduced gross margins and loss of or diminished growth of market share.

We compete in a rapidly evolving, highly competitive and fragmented market. We now compete with companies that are producing both mobile and fixed wireless communications systems, wired DSL, cable networks, fiber optic cable, certain satellite technologies and other new entrants to this industry, as well as traditional communications companies. General anticipated increases in capital spending on 5G applications may result in new competitors entering the markets in which we sell our products. Competitors vary in size and resources and in products and services offered. With respect to the wireless solutions for 4G and 5G networks we offer today, we believe we compete directly with AltioStar, Cambium, Casa, Ciena, Ericsson, Huawei, KMW, Mavenir, Nokia, Parallel Wireless, Samsung and Sercom, and with a number of smaller privately-held companies. In addition, some of the entities to which we currently sell our products may develop the capacity to manufacture their own products.

Many of our competitors are substantially larger than us and have significantly greater financial, sales and marketing, technical, manufacturing and other resources as well as more established distribution channels and greater name recognition. These competitors may be able to respond more rapidly to new or emerging technologies and changes in customer requirements than we can and can devote greater resources to attempting to influence the composition of future technological standards. They may also be able to devote greater resources to the development, promotion, sale and financing of their products than we can. Furthermore, some of our competitors have made or may make strategic acquisitions or establish cooperative relationships among themselves or with third parties to increase their ability to gain customer market share rapidly. These competitors may enter our existing or future markets with systems that may be less expensive, provide higher performance or contain additional features. In addition, large customers are sometimes reluctant to base an important line of business on equipment purchased from a smaller vendor such as us. In addition, both larger and smaller communications service providers may also decide to wait to see how a new technology develops before committing any significant resources to deploying equipment from a particular supplier. We believe this tendency to “wait and see” with respect to new technology affects the consumer market, resulting in increased customer caution on purchases of new technology.

We expect our competitors to continue to improve the performance of their current products and to introduce new products or new technologies that may supplant or provide lower-cost alternatives to our systems. This and other factors could result in lower revenues or a loss of market share, which could cause our stock price to fall.

We currently depend on a few key customers for a substantial percentage of our sales. A loss of one or more of those customers could cause a significant decrease in our net revenue.

We currently derive, and expect to continue to derive, a majority of our revenues from fewer than five customers.

In 2021 and 2020, approximately 63% and 69%, respectively, of our revenues were derived from our top three customers by revenue. We believe that there are certain economies of scale inherent in our business. Accordingly, if we lose one or more significant customers and are unable to replace the revenue previously generated by those customers, our gross profit margins, profitability and efforts to preserve cash resources could be materially negatively affected.

The amount of revenue we derive from a specific customer is likely to vary from period to period, and a major customer in one period may not produce significant additional revenue in a subsequent period. We anticipate that our operating results will continue to depend on sales to a relatively small number of key customers in the foreseeable future. In general, our contracts with our larger customers often involve major deployments that require several months to fulfill, so our results may depend on the same major customers for consecutive quarters. We cannot assure you that, once a contract is fulfilled, the customer will purchase new products or services from us. We must, therefore, continually seek new customers in order to increase our revenue, and there can be no assurance that we will be successful in doing so.

Many of our customers execute short-term purchase orders or contracts that allow our customers to terminate the agreement without significant penalties.

Our contracts and purchase orders are separately negotiated with each of our customers and the terms vary widely. A majority of our customers execute only short-term purchase orders for a single system or a small number of systems at one time instead of long-term contracts for large-scale deployment of our systems. These contracts and purchase orders do not ensure that our customers will purchase any additional products beyond those specifically listed in the order.

Moreover, since we often believe that these purchase orders may represent the early portion of longer-term customer programs, we often expend significant financial, personnel and operational resources to fulfill these orders. If our customers fail to purchase additional products to fulfill their programs, we may be unable to recover the costs we incur and our margins could suffer.

In addition, our typical contracts are generally non-exclusive and contain provisions allowing our customers to terminate the agreement without significant penalties. Our contracts also may require certain shipment, delivery and installation commitments on our part. If we fail to meet these commitments, our customer contracts typically permit the customer to terminate the contract or impose monetary penalties on us.

We are exposed to the credit risk of our channel partners, which could result in material losses.

Our Mimosa products generate revenues through sales to our distributors. Distributors may not have the resources required to meet payment obligations, or may delay payments if their end customers are late making payments. Mimosa's exposure to credit risks of its channel partners and their end customers may increase if such entities are adversely affected by global or regional economic conditions. Given the broad geographic coverage of Mimosa's distributor relationships, Mimosa has in the past and may in the future experience difficulties surrounding the collection of payments. Any significant delay or default in the collection of Mimosa's accounts receivable could result in the need for us to obtain working capital from other sources.

Our sales cycle is typically long and unpredictable, making it difficult to accurately predict inventory requirements, forecast revenues and control expenses.

Our sales cycle can range from three to 18 months and varies by customer. The length of the sales cycle with a particular customer may be influenced by a number of factors, including the commitment of significant cash and other resources associated with the purchase, lengthy testing and evaluations, and regulatory and licensing requirements on the part of the customer. In addition, the emerging and evolving nature of the communication access market may cause prospective customers to delay their purchase decisions as they evaluate new and/or competing technologies, or wait for new products or technologies to come to market. We expect that our sales cycles will continue to be long and unpredictable, and, as the average order size for our products increases, our customers' processes for approving purchases may become more complex and lead to an even longer sales cycle. Accordingly, it is difficult for us to anticipate the quarter in which particular sales may occur, to determine product shipment schedules and to provide our manufacturers and suppliers with accurate lead-time to ensure that they have sufficient inventory on hand to meet our orders. Therefore, our sales cycle impairs our ability to recognize and forecast revenues and control expenses.

We make estimates relating to customer demand and errors in our estimates may have negative effects on our inventory levels, revenues and results of operations.

We have historically been required to place firm orders or binding forecasts for products and components with our suppliers to ensure that we are able to meet our customers' demands. These commitments to our suppliers may be placed up to six months prior to the anticipated delivery date based on our existing customer purchase commitments and our forecasts of future customer demand. Our sales process requires us to make multiple forecast assumptions relating to expected customer demand, each of which may introduce error into our estimates, causing excess inventory to accumulate or a lack of product supply when needed. If we overestimate customer demand, we may allocate resources to manufacturing products that we may not be able to sell when we expect or at all. As a result, we have sometimes had excess inventory, which has increased our net losses. Conversely, if we underestimate customer demand or if insufficient manufacturing capacity were available, we may lose revenue opportunities and market share and may damage our customer relationships.

Since we incur most of our operating expenses and a portion of our cost of goods sold in foreign currencies, fluctuations in the values of foreign currencies could have a negative impact on our profitability.

Although approximately 62% and 61% of our sales in 2021 and 2020, respectively, were denominated in U.S. dollars, and a significant portion of our cost of goods sold were denominated in U.S. dollars, we incur a large part of our operating expenses and a portion of our cost of goods in New Israeli Shekels and British pounds. In the years ended December 31, 2021 and 2020, approximately 20% and 38%, respectively, of our combined operating expenses and cost of goods sold were denominated in New Israeli Shekels. In the years ended December 31, 2021 and 2020, approximately 12% and 17%, respectively, of our combined operating expenses and cost of goods sold were denominated in British pounds. In addition, in the years ended December 31, 2021 and 2020, approximately 34% and 37%, respectively, of our revenues were denominated in Japanese yen. We expect these percentages to fluctuate over time. Fluctuations in the value of foreign currencies could have a negative impact on the profitability of our global operations and our business and our currency hedging activities may not limit these risks. The value of foreign currency fluctuations against the U.S. dollar may also affect the competitiveness of our pricing compared to local products because we typically bill in U.S. dollars.

We rely on third-party manufacturers, which subjects us to risk of product delivery delays and reduced control over product costs and quality.

We outsource the manufacturing of our products to third-party manufacturers. Purchases from these third-party manufacturers account for the most significant portion of our cost of revenues. Our reliance on third-party manufacturers reduces our control over the manufacturing process, including reduced control over quality, product costs and product supply and timing. From time to time, we have experienced and may in the future experience delays in shipments or issues concerning product quality from our third-party manufacturers. Such supply chain disruptions and delays have been exacerbated by the COVID-19 pandemic. If any of our third-party manufacturers suffer interruptions, delays or disruptions in supplying our products, including by reason of the COVID-19 pandemic, natural disasters, work stoppages or capacity constraints, our ability to ship products to distributors and network operators would be delayed. Additionally, if any of our third-party manufacturers experience quality control problems in their manufacturing operations and our products do not meet network operators' requirements, we could be required to cover the repair or replacement of any defective products. These delays or product quality issues could have an immediate and material adverse effect on our ability to fulfill orders and could have a negative impact on our operating results. In addition, such delays or issues with product quality could harm our reputation and our relationship with our channel partners.

Our agreements do not typically obligate our third-party manufacturers to supply products to us in specific quantities or for an extended term, which could result in short notice to us of supply shortages and increases in the prices we are charged for manufacturing services. We believe that our orders may not represent a material portion of the total orders of our primary third-party manufacturers, and, as a result, fulfilling our orders may not be prioritized in the event they are constrained in their abilities or resources to fulfill all of their customer obligations in a timely manner. Although we provide demand forecasts to some of our third-party manufacturers, such forecasts are not generally binding and if we overestimate our requirements, some of our third-party manufacturers may assess charges, or we may have liabilities for excess inventory, each of which could negatively affect our gross margins. Conversely, because lead times for required materials and components vary significantly and depend on factors such as the specific supplier, contract terms and the demand for each component at a given time, if we underestimate our requirements, our third-party manufacturer may have inadequate materials and components required to produce our products. This could result in an interruption of the manufacturing of our products, delays in shipments and deferral or loss of revenues. For example, as a result of increased global demand for some components used in our products, particularly chipsets, some of our third-party manufacturers have experienced capacity shortages and have responded by allocating existing supply among their customers, including us. This capacity shortage coupled with an increase in demand for our affected products has resulted in supply shortages that have caused increased lead times for some of our products. We may suffer delays introducing new products to the market and in sales of existing products as a result of parts unavailability or shortages, resulting in loss or delay of revenue.

If our third-party manufacturers experience financial, operational, manufacturing capacity or other difficulties, or experience shortages in required components, or if they are otherwise unable or unwilling to continue to manufacture our products in required volumes or at all, our supply may be disrupted, and we may be required to seek alternate manufacturers. It would be time-consuming and costly, and could be impracticable, to begin to use new manufacturers and such changes could cause significant interruptions in supply and could have an adverse impact on our ability to meet our scheduled product deliveries and may subsequently lead to the loss of sales, delayed revenues or an increase in our costs, which could materially and adversely affect our business and operating results.

The inability of our supply chain to deliver certain key components could materially adversely affect our business, financial condition and results of operations.

Our products contain a significant number of components that we source globally, including from Vietnam and Malaysia. If our supply chain fails to deliver products to us in sufficient quality and quantity on a timely basis, we will be challenged to meet our customer order delivery timelines and could incur significant additional expenses for expedited freight and other related costs. Our supply chain has been, and may continue to be, adversely impacted by events outside of our control, including macroeconomic events, trade restrictions, economic recessions or natural occurrences, such as the ongoing disruptions from the COVID-19 pandemic. As a result of COVID-19, we have experienced delays in supply chain deliveries, extended lead times and shortages of key components, some raw material cost increases and slowdowns at certain production facilities. These disruptions have delayed and may continue to delay the timing of some orders and expected deliveries of our products. Certain of our customer contracts contain penalties for late or incomplete deliveries. These supply chain disruptions and delays may, in turn, cause us to be unable to make timely or complete deliveries to our customers, which may expose us to those penalties. Further, supply chain disruptions could result in longer lead times, inventory supply challenges and further increased costs, which could harm our ability to compete for future business. Accordingly, we remain subject to significant risks of supply chain disruptions or shortages, which could materially adversely affect our business, financial condition and results of operations.

We must often establish and demonstrate the benefits of new and innovative offerings to customers, which may take time and significant efforts that may not ultimately prove successful.

Many of our new and innovative products are complex and are focused on creating new revenue streams and/or new ways to create cost efficiencies. In many cases, it is necessary for us to educate existing and potential customers about the benefits and value of such new and innovative products, with no assurance that the customer will ultimately purchase them. The need to educate our customers increases the difficulty and time necessary to complete transactions, makes it more difficult to efficiently deploy limited resources, and creates risk that we will have invested in an opportunity that ultimately does not result in a sale. If we are unable to establish and demonstrate to customers the benefits and value of our new and innovative products and convert these efforts into sales, our business, results of operations, financial condition, cash flows and prospects will be adversely affected.

Our ability to sell our products is highly dependent on the quality of our support and services offerings, and our failure to offer high-quality support and services could have a material adverse effect on our business, operating results and financial condition.

Network operators rely on our products for critical applications and, as such, high-quality support is critical for the successful marketing and sale of our products. If we or our channel partners do not provide adequate support to network operators in deploying our products or in resolving post-deployment issues quickly, our reputation may be harmed and our ability to sell our products could be materially and adversely affected.

We may not be able to detect errors or defects in our solutions until after full deployment and product liability claims by customers could result in substantial costs.

Our solutions are sophisticated and are designed to be deployed in large and complex mobile networks that require a very high degree of reliability. Because of the nature of our solutions, they can only be fully tested when substantially deployed in very large networks with high volumes of subscriber traffic. Some of our customers have only recently begun to commercially deploy our solutions and they may discover errors or defects in the software or hardware, or the solutions may not operate as expected. Because we may not be able to detect these problems until full deployment, any errors or defects in our solutions could affect the functionality of the networks in which they are deployed, given the use of our solutions in business-critical applications. As a result, the time it may take us to rectify errors can be critical to our customers.

Because the networks into which wireless service providers deploy our solutions require a very high degree of reliability, the consequences of an adverse effect on their networks, including any type of communications outage, can be very significant and costly. If any network problems were caused, or perceived to be caused, by errors or defects in our solutions, our reputation and the reputation of our solutions could be significantly damaged with respect to that customer and other customers. Such problems could lead to a loss of that customer or other customers.

If one of our solutions fails, we could also experience: payment of liquidated damages for performance failures; loss of, or delay in, revenue recognition; increased service, support, warranty, product replacement and product liability insurance costs, as well as a diversion of development resources; and costly and time-consuming legal actions by our customers, which could result in significant damages awards against us. Any of these events could have a material adverse impact on our business, results of operations, financial condition, cash flows and prospects.

Our international sales may be difficult and costly as a result of the political, economic and regulatory risks in those regions.

Sales to customers based outside the United States have historically accounted for a substantial portion of our revenues. In 2021 and 2020, our international sales (sales to customers located outside the United States which includes a small percentage of United States customers where the final destination of the equipment is outside of the United States) accounted for approximately 72% and 75%, respectively, of our total revenue. In many international markets, long-standing relationships between potential customers and their local suppliers and protective regulations, including local content requirements and type approvals, create barriers to entry. In addition, pursuing international opportunities may require significant investments for an extended period before returns on such investments, if any, are realized and such investments may result in expenses growing at a faster rate than revenues. The following risks inherent in international business could reduce the international demand for our products, decrease the prices at which we can sell our products internationally or disrupt our international operations, which could adversely affect our operations:

- the imposition of tariffs, duties, price controls or other restrictions on foreign currencies or trade barriers imposed by foreign countries;
- import or export controls, including licensing or product-certification requirements;
- unexpected changes in government policies or regulatory requirements in the United States or by foreign governments and delays in receiving licenses to operate;
- political instability and acts of war or terrorism, such as the Russia-Ukraine conflict;
- economic instability, including the impact of economic recessions;
- difficulty in staffing and managing geographically diverse operations, particularly during the current COVID-19 pandemic, including our reluctance to staff and manage foreign operations as a result of political unrest even though we have business opportunities in a country;
- any limitation on our ability to enforce intellectual property rights or agreements in regions where the judicial legal systems may be less developed or less protective of intellectual property or contractual rights;
- capital and exchange control programs;
- challenges caused by distance, language and cultural differences;
- fluctuations in currency exchange rates;
- labor unrest;
- restrictions on the repatriation of cash;
- the nationalization of local industry; and
- potentially adverse tax consequences.

Our operations in Israel may be disrupted by political and military tensions in Israel and the Middle East.

We conduct various activities in Israel, including research and development; design; raw material procurement; and manufacturing and assembly through subcontractors based in Israel. Our operations could be negatively affected by the political and military tensions in Israel and the Middle East.

Israel has been involved in a number of armed conflicts with its neighbors since 1948 and a state of hostility, varying in degree and intensity, has led to security and economic problems in Israel. For more than two decades, a continuous armed conflict with the Palestinian Authority has been taking place. Conditions in Israel could, in the future, disrupt the development, manufacture and/or distribution of our products.

If we lose Eric Stonestrom, our Chief Executive Officer, or any of our other executive officers, we may encounter difficulty replacing their expertise, which could impair our ability to implement our business plan successfully.

We believe that our ability to implement our business strategy and our future success depends on the continued employment of our senior management team, in particular our chief executive officer, Eric Stonestrom. Our senior management team, who have extensive experience in our industry and are vital to maintaining some of our major customer relationships, may be difficult to replace. The loss of the technical knowledge and management and industry expertise of these key employees could make it difficult for us to execute our business plan effectively, could result in delays in new products being developed, could result in lost customers and could cause a diversion of resources while we seek replacements.

A material defect in our products that either delays the commencement of services or affects customer networks could seriously harm our credibility and our business, and we may not have sufficient insurance to cover any potential liability.

Wireless network products are highly complex and frequently contain undetected software or hardware errors when first introduced or as new versions are released. We have detected and are likely to continue to detect errors and product defects in connection with new product releases and product upgrades. In the past, some of our products have contained defects that delayed the commencement of service by our customers.

If our hardware or software contains undetected errors, we could experience:

- delayed or lost revenues and reduced market share due to adverse customer reactions;
- higher warranty costs and other costs and expenses due to the need to provide additional products and services to a customer at a reduced charge or at no charge;
- claims for substantial damages against us, regardless of our responsibility for any failure, which may lead to increased insurance costs;
- diversion of research and development resources to fix errors in the field;
- negative publicity regarding us and our products, which could adversely affect our ability to attract new customers;
- increased insurance costs; and
- diversion of management and development time and resources.

Our general liability insurance coverage may not continue to be available on reasonable terms or in sufficient amounts to cover one or more large claims or our insurer may disclaim coverage as to any future claim. In addition, our products are often integrated with other network components. Incompatibilities between our products and these components could result in material harm to the service provider or its subscribers. These problems could adversely affect our cash position or our reputation and competitive position.

A pandemic, epidemic or outbreak of an infectious disease in the United States or worldwide, including the outbreak of the novel strain of coronavirus disease, COVID-19, could adversely affect our business.

If a pandemic, epidemic or outbreak of an infectious disease occurs in the United States or worldwide, our business may be adversely affected. COVID-19 has spread throughout the world. Numerous government jurisdictions have imposed, and others in the future may impose, “shelter-in-place” orders, quarantines, executive orders and similar government orders and restrictions for their residents to control the spread of COVID-19. From time to time, beginning in the first quarter of 2020, governmental authorities in the locations where we and our clients operate issued “stay at home” orders limiting non-essential activities, travel and business operations. Such orders or restrictions have resulted in reduced operations at our headquarters, work stoppages, slowdowns and delays, travel restrictions and cancellation of events. In addition, the COVID-19 pandemic had a significant impact on our supply chains, adversely affecting product supply and delivery to our customers. Future pandemic induced lockdowns continue to be a risk to the supply chain. As a further consequence of the COVID-19 pandemic, component lead times are extending as demand exceeds supply on certain components, including semiconductors, and have caused the costs of components to increase. This situation has caused us to extend our forecast horizon with our contract manufacturing partners and has increased the risk of supplier delays. Other disruptions or potential disruptions include the inability of our customers to receive hardware components and parts critical to the deployment of our solutions and to receive the delivery of such hardware on a timely basis, or at all; disruptions in our deployment schedules, diversion of or limitations on employee resources that would otherwise be focused on the operations of our business; delays in our ability to make sales or find new customers, business adjustments or disruptions of certain third parties with whom we conduct business may have a material and adverse effect on our business, operating results and financial condition.

The extent to which the COVID-19 pandemic impacts our business will depend on future developments, which are highly uncertain and cannot be predicted, including the severity and spread of COVID-19, particularly in light of new variants, and the actions to contain COVID-19 or treat its impact, among others. While the potential economic impact brought by, and the duration of, any pandemic, epidemic or outbreak of an infectious disease, including COVID-19, may be difficult to assess or predict, the widespread COVID-19 pandemic has resulted in, and may continue to result in, significant disruption of global financial markets and a reduction in our ability to access capital, which could adversely affect our liquidity. In addition, a recession or market correction resulting from the spread of an infectious disease, including COVID-19, could materially affect our business. Any such economic recession could have a material adverse effect on our long-term business. To the extent the COVID-19 pandemic adversely affects our business and financial results, it may also have the effect of heightening many of the other risks described in these risk factors.

The mobile network industry investment levels fluctuate and are affected by many factors, including the economic environment and decisions made by wireless service providers and other customers regarding deployment of technology and their timing of purchases, and a downturn in investment levels could have a material adverse effect on our business, financial condition, results of operations and prospects.

The mobile network industry has experienced downturns in which wireless service providers and other customers substantially reduced their capital spending on new equipment. With the advent of 5G and the growth of private networks, we expect this market to grow in the coming years; however, the uncertainty surrounding global economic growth and the geopolitical situation may materially harm actual market conditions. Moreover, market conditions are subject to substantial fluctuation and could vary geographically and across technologies. Even if global conditions improve, conditions in the specific industry segments in which we participate may be weaker than in other segments. In that case, our revenue and operating results may be adversely affected.

If capital expenditures by wireless service providers and other customers are weaker than we anticipate, our revenues, operating results and profitability may be adversely affected. The level of demand from operators and other customers who buy our products and services can vary over short periods of time, including from month to month. Due to this uncertainty, accurately forecasting revenues, results, and cash flow remains difficult.

Risks associated with ongoing inflation and increasing oil and gas prices could adversely affect our business, financial condition and results of operations.

Inflation, which increased significantly during 2021, has adversely affected us by increasing the costs of materials and labor needed to operate our business and could continue to adversely affect us in future periods. In addition the increase in oil and gas prices may adversely affect us with increased costs of transportation, heating premises and higher prices from our suppliers. We have increased certain of the sales prices of our products and services in response to these increased costs and, in the event inflation and oil and gas prices continue to increase, we may seek to further increase our sales prices in order to maintain satisfactory margins. However, such increases may result in customer pushback or attrition and be difficult or impossible in future periods, all of which may have an adverse effect on our business, financial condition and results of operations. Additionally, actions by governments to stimulate the economy may increase the risk of significant inflation, which may also have an adverse impact on our business or financial results.

Our business and prospects depend on the strength of our brand. Failure to maintain and enhance our brand would harm our ability to increase sales by expanding our network of channel partners as well as the number of network operators who purchase our products.

Maintaining and enhancing our brand is critical to expanding our base of channel partners and the number of network operators who purchase our products. Maintaining and enhancing our brand will depend largely on our ability to continue to develop products and solutions that provide the high quality at attractive economics sought by network operators. If we fail to promote, maintain and protect our brand successfully, our ability to sustain and expand our business and enter new markets will suffer. Our brand may be impaired by a number of factors, including product failure and counterfeiting. If we fail to maintain and enhance our brand, or if we need to incur unanticipated expenses to establish the brand in new markets, our operating results would be negatively affected.

We may not secure additional liquidity required to meet our obligations on a timely basis, to satisfy our debt covenants or to attain profitable operations.

We may need to secure additional liquidity in order to meet our obligations on a timely basis, to satisfy our debt covenants and, ultimately, to attain profitable operations. For example, as of December 31, 2021, we were not in compliance with all applicable covenants under our Assignment Agreement, Resignation and Assignment Agreement and Credit Agreement (the “Fortress Credit Agreement”) with DBFIP ANI LLC (“Fortress”); however, we were granted a waiver from compliance for these covenants as of December 31, 2021. Any additional liquidity we may need in order to meet our obligations on a timely basis, to satisfy our debt covenants or to attain profitable operations may not be available on terms that are acceptable to us, or at all.

We have substantial indebtedness and are highly leveraged, which could adversely affect our business.

We are highly leveraged with a significant amount of debt and we may continue to incur additional debt in the future. As of December 31, 2021, we had approximately \$46.5 million in indebtedness outstanding under the Fortress Credit Agreement at an average annualized interest cost of 10.2% at such date and \$50.0 million in indebtedness outstanding under our senior secured convertible notes (the “Convertible Notes”) with an interest rate equal to 7.0% per annum. Substantially all of our assets, including the capital stock of our subsidiaries, are pledged to secure our indebtedness under the Fortress Credit Agreement and the Convertible Notes. In addition, we had subordinated indebtedness aggregating \$48.6 million as of December 31, 2021. As a result of our indebtedness, we are required to make interest and principal payments on our borrowings that are significant in relation to our revenues and cash flows. These payments reduce our earnings and cash available for other potential business purposes. This leverage also exposes us to significant risk by limiting our flexibility in planning for, or reacting to, changes in our business (whether through competitive pressure or otherwise), our industry and the economy at large. Although our cash flows could decrease in these scenarios, our required payments in respect of indebtedness would not decrease. In addition, we are exposed to the risk of increased interest because certain of our borrowings, including borrowings under the Fortress Credit Agreement, are at variable rates of interest.

In addition, our ability to make payments on, or repay or refinance, such debt, and to fund our operating and capital expenditures, depends largely upon our future operating performance. Our future operating performance, to a certain extent, is subject to general economic, financial, competitive, regulatory and other factors that are beyond our control.

We may need additional capital in future periods and our ability to access capital on acceptable terms could decrease significantly and may adversely affect our results of operations and/or business prospects.

We recognize that our need for capital in future periods may increase due to a variety of factors, estimates and assumptions. If our projected demand for capital materially increases and our then current and/or projected cash resources have not increased a comparable amount, we may need to modify our existing business plan or seek new capital which may be available only on terms that may not be acceptable to us, especially in light of current adverse economic conditions. We have been and may in the future be compelled to adopt measures to conserve cash resources due to the lack of availability of capital. Such measures may adversely affect our results of operations and the short-term and/or long-term prospects for our business.

We will have broad discretion over the use of proceeds from the exercise of our warrants and options to purchase our Common Stock, and we may invest or spend the proceeds in ways with which investors do not agree and in ways that may not yield a return.

We will have broad discretion over the use of proceeds from exercises of our warrants and options to purchase our Common Stock. Investors may not agree with our decisions, and our use of the proceeds may not yield a return on investment. We intend to use these net proceeds for general corporate and working capital purposes. Our use of these proceeds may differ substantially from our current plans. Our failure to apply the net proceeds from exercises of warrants and options to purchase our Common Stock in an effective manner could impair our ability to pursue our growth strategy or require us to raise additional capital.

We may not have adequate protection for our intellectual property, which may make it easier for others to misappropriate our technology and enable our competitors to sell competing products at lower prices and harm our business.

Our success has historically relied in part on proprietary technology. We have used a combination of patent, copyright, trademark and trade secret laws and contractual restrictions on disclosure to protect our intellectual property rights associated with our products. Despite our efforts to protect our proprietary rights, we cannot be certain that the steps we have taken will prevent misappropriation of our technology, and we may not be able to detect unauthorized use or take appropriate steps to enforce our intellectual property rights. The laws of some foreign countries, particularly in Asia, do not protect our proprietary rights to the same extent as the laws of the United States and the United Kingdom, and we may encounter substantial infringement problems in those countries. In addition, we do not file for patent protection in every country where we conduct business. In some countries where we do file for patent protection, we may choose not to maintain patent protection. In addition, we may not file for or maintain patent protection in a country from which we derive significant revenue. In instances where we have licensed intellectual property from third parties, we may have limited rights to institute actions against third parties for infringement of the licensed intellectual property or to defend any suit that challenges the validity of the licensed intellectual property. If we fail to protect adequately our intellectual property rights, or fail to do so under applicable law, it would be easier for our competitors to copy our products and sell competing products at lower prices, which would harm our business.

Infringement claims are common in our industry and third parties, including competitors, have and could in the future assert infringement claims against us or our customers that we are obligated to indemnify.

Our industry is highly competitive and our technologies are complex. Companies file patent applications and obtain patents covering these technologies frequently and maintain programs to protect their intellectual property portfolios. In addition, patent holding companies (including “non-practicing entities”) regularly bring claims against telecommunication equipment companies, often attempting to extract royalty, licensing or other settlements.

Our solutions are technically complex and compete with the products and solutions of significantly larger companies. Our likelihood of being subject to infringement claims may increase as a result of our real or perceived success, as the number of competitors in our industry grows and as we add functionality to our solutions. We have previously received and may in the future receive communications from third parties alleging that we are or may be infringing their intellectual property rights. The visibility we receive from being a public company may result in a greater number of such allegations.

We have also agreed, and expect to continue to agree, to indemnify our customers for certain expenses or liabilities resulting from claimed infringement of intellectual property rights of third parties with respect to our solutions and software. We have received indemnity demands from customers in the past and may receive such other claims in the future. In the case of infringement claims against these customers, we could be required to indemnify them for losses resulting from such claims or to refund license fees they have paid to us. If a customer asserts a claim for indemnification against us, we could incur significant costs and reputational harm disputing it. If we do not succeed in disputing it, we could face substantial liability, particularly as these liabilities do not typically have caps or specific limits and our insurance coverage relating to any such liabilities generally would be very limited.

Regardless of the merit of third-party claims that we or our customers infringe their rights, these claims could be time consuming and costly to defend, divert management’s attention and resources, require us to make costly or difficult changes to our designs, cause us to cease producing, licensing or using software or solutions, require us to pay damages for past infringement, potentially including treble damages, or enter into royalty or licensing agreements, which may not be available on reasonable terms or at all, or any combination of, or all of, these actions.

We may be subject to damages resulting from claims that our employees or contractors have wrongfully used or disclosed alleged trade secrets of their former employees or other parties.

We could be subject to claims that we, or our employees or contractors, have inadvertently or otherwise used or disclosed trade secrets or other proprietary information of our competitors or other parties. Litigation may be necessary to defend against these claims. If we fail in defending against such claims, a court could order us to pay substantial damages and prohibit us from using technologies or features that are important to our products, if such technologies or features are found to incorporate or be derived from the trade secrets or other proprietary information of these parties. In addition, we may lose valuable intellectual property rights or personnel. A loss of key personnel or their work product could hamper or prevent our ability to develop, market and support potential products or enhancements, which could materially and adversely affect our business. Even if we are successful in defending against these claims, such litigation could result in substantial costs and be a distraction to management.

We use open source software in our products that may subject our firmware to general release or require us to re-engineer our products and the firmware contained therein, which may cause harm to our business.

We incorporate open source software into our products. Use and distribution of open source software may entail greater risks than use of third-party commercial software, as open source licensors generally do not provide warranties or other contractual protections regarding infringement claims or the quality of the software code. Some open source licenses contain requirements that we make available source code for modifications or derivative works we create based upon the open source software and that we license such modifications or derivative works under the terms of a particular open source license or other license granting third parties certain rights of further use. If we combine our proprietary firmware or other software with open source software in a certain manner, we could, under certain of the open source licenses, be required to release our proprietary source code publicly or license such source code on unfavorable terms or at no cost. Open source license terms relating to the disclosure of source code in modifications or derivative works to the open source software are often ambiguous and few if any courts in jurisdictions applicable to us have interpreted such terms. As a result, many of the risks associated with usage of open source software cannot be eliminated, and could, if not properly addressed, negatively affect our business.

If we were found to have inappropriately used open source software, we may be required to release our proprietary source code, re-engineer our firmware or other software, discontinue the sale of our products in the event re-engineering cannot be accomplished on a timely basis or take other remedial action that may divert resources away from our development efforts, any of which could adversely increase our expenses and delay our ability to release our products for sale. We could also be subject to similar conditions or restrictions should there be any changes in the licensing terms of the open source software incorporated into our products.

Changes in telecommunications regulation or delays in receiving licenses could adversely affect many of our customers and may lead to lower sales.

Many of our customers are subject to extensive regulation as communications service providers, including with respect to the availability of radio frequencies for two-way broadband communications. Each country has different regulations and regulatory processes for wireless communications equipment and for the uses of radio frequencies. Some of our products operate in license-exempt bands, while others operate in licensed bands in different jurisdictions. In addition, changes in laws or regulations that adversely affect existing and potential customers could lead them to delay, reduce or cancel expenditures on communications access systems, which actions would harm our business. In the past, anticipated customer orders have been postponed because of regulatory issues in various countries. The resolution of those issues can be lengthy and the outcome can be unpredictable. Some of the orders we receive from customers are contingent upon their receipt of licenses from regulators, the timing of which can often be uncertain. Depending on the jurisdiction, the receipt of licenses by our customers may occur, if at all, a year or more after they initially seek those licenses.

At present there are few laws or regulations that specifically address our business of providing communications access equipment. However, future regulation may include access or settlement charges or tariffs that could impose economic burdens on our customers and our company. We are unable to predict the impact, if any, that future legislation, judicial decisions or regulations in the countries in which we do business will have on our business, operating results and financial condition.

If we were not able to satisfy data protection, security, privacy and other government- and industry-specific requirements or regulations, our business, results of operations and financial condition could be harmed.

Personal privacy, data protection, information security and telecommunications-related laws and regulations have been widely adopted in the United States, Europe and other jurisdictions where we offer our products. The regulatory frameworks for these matters, including privacy, data protection and information security matters, is rapidly evolving and is likely to remain uncertain for the foreseeable future. We expect that there will continue to be new proposed laws, regulations and industry standards concerning privacy, data protection, information security and telecommunications services in the United States, the European Union and other jurisdictions in which we operate or may operate, and we cannot yet determine the impact such future laws, regulations and standards may have on our business. For example, the European Commission adopted the General Data Protection Regulation (the “GDPR”), effective in May 2018, that supersedes prior EU data protection legislation, imposes more stringent EU data protection requirements and imposes greater penalties for noncompliance. Additionally, California enacted the California Consumer Privacy Act of 2018 (the “CCPA”), which took effect on January 1, 2020, and broadly defines personal information, gives California residents expanded privacy rights and protections and provides for civil penalties for violations. Additional states as well as other countries around the world also have or are in the process of enacting or amending data protection, security, and privacy regulations. We also expect that existing laws, regulations and standards may be interpreted in new manners in the future. Future laws, regulations, standards and other obligations, and changes in the interpretation of existing laws, regulations, standards and other obligations could require us to modify our products, restrict our business operations, increase our costs and impair our ability to maintain and grow our channel partner base and increase our revenues. The cost of compliance with, and other burdens imposed by, the GDPR, CCPA and other new privacy laws may limit the use and adoption of our products and services and could have an adverse impact on our business, results of operations and financial condition.

Although we work to comply with applicable privacy and data security laws and regulations, industry standards, contractual obligations and other legal obligations, those laws, regulations, standards and obligations are evolving and may be modified, interpreted and applied in an inconsistent manner from one jurisdiction to another, and may conflict with one another. As such, we cannot assure ongoing compliance with all such laws, regulations, standards and obligations. Any failure or perceived failure by us to comply with applicable laws, regulations, standards or obligations, or any actual or suspected security incident, whether or not resulting in unauthorized access to, or acquisition, release or transfer of personally identifiable information or other data, may result in governmental enforcement actions and prosecutions, private litigation, fines and penalties or adverse publicity, and could cause channel partners to lose trust in us, which could have an adverse effect on our reputation and business.

Regulations affecting broadband infrastructure could damage demand for our products.

Laws and regulations governing the Internet are emerging but remain largely unsettled, even in the areas where there has been some legislative action. Regulations may focus on, among other things, assessing access or settlement charges, or imposing tariffs or regulations based on the characteristics and quality of products, either of which could restrict our business or increase our cost of doing business. Government regulatory policies are likely to continue to have a major impact on the pricing of existing and new network services and, therefore, are expected to affect demand for those services and the communications products, including our products, supporting those services. There will likely be future government regulatory policies relating to migration to the cloud as these technologies become more prevalent in the U.S. and globally.

Any changes to existing laws or the adoption of new regulations by federal or state regulatory authorities or any legal challenges to existing laws or regulations affecting Internet Protocol (“IP”) networks could materially adversely affect the market for our products. Moreover, customers may require us, or we may otherwise deem it necessary or advisable, to alter our products to address actual or anticipated changes in the regulatory environment. Our inability to alter our products or address any regulatory changes could have a material adverse effect on our business, financial condition, results of operations and prospects.

We are subject to governmental export and import controls that could impair our ability to compete in international markets and subject us to liability if we are not in compliance with applicable laws.

Our technology and products are subject to export control and import laws and regulations, including the U.S. Export Administration Regulations, U.S. customs regulations, the economic and trade sanctions regulations administered by the U.S. Treasury Department’s Office of Foreign Assets Controls, and applicable U.K. export and import laws and regulations. Exports, re-exports and transfers of our products and technology must be made in compliance with these laws and regulations. U.S. and U.K. export control laws and economic sanctions include a prohibition on the shipment of certain products and technology to embargoed or sanctioned countries, governments and persons. We take precautions to prevent our products and technology from being shipped to, downloaded by or otherwise transferred to applicable sanctions targets, but our products could be shipped to those targets by our channel partners despite such precautions. If our products are shipped to or downloaded by sanctioned targets in the future in violation of applicable export laws, we could be subject to government investigations, penalties and reputational harm. Certain of our products incorporate encryption technology and may be exported, re-exported or transferred only with the required applicable export license from the U.S. or the U.K. or through an export license exception.

If we fail to comply with applicable export and import regulations, customs and trade regulations, and economic sanctions and other laws, we could be subject to substantial civil and criminal penalties, including fines and incarceration for responsible employees and managers, and the possible loss of export or import privileges as well as harm our reputation and indirectly have a material adverse effect on our business, operating results and financial condition. In addition, if our channel partners fail to comply with applicable export and import regulations, customs regulations, and economic and sanctions and other laws in connection with our products and technology, then we may also be adversely affected, through reputational harm and penalties. Obtaining the necessary export license for a particular sale may be time-consuming, may result in the delay or loss of sales opportunities and approval is not guaranteed.

Failure to comply with the U.S. Foreign Corrupt Practices Act (“FCPA”), the U.K. Bribery Act 2010 (“Bribery Act”) and similar laws associated with our activities outside the United States could subject us to penalties and other adverse consequences.

As a substantial portion of our revenue is, and we expect will continue to be, from jurisdictions outside of the United States, we face significant risks if we fail to comply with the FCPA, the Bribery Act and other laws that prohibit improper payments or offers of payment to governments and their officials and political parties by us and other business entities for the purpose of obtaining or retaining business. In many countries, particularly in countries with developing economies, some of which represent significant markets for us, it may be a local custom that businesses operating in such countries engage in business practices that are prohibited by the FCPA, the Bribery Act or other laws and regulations. Our management may not be effective at preventing all potential FCPA, Bribery Act or other violations. We also cannot guarantee the compliance by our channel partners, resellers, suppliers and agents with applicable U.S. laws, including the FCPA, the Bribery Act or other applicable non-U.S. laws. Therefore, there can be no assurance that none of our employees or agents will take actions in violation of applicable laws, for which we may be ultimately held responsible. As a result of our focus on managing our growth, our development of infrastructure designed to identify FCPA and Bribery Act matters and monitor compliance is at an early stage. Any violation of the FCPA or the Bribery Act could result in severe criminal or civil sanctions, which could have a material and adverse effect on our reputation, business, operating results and financial condition.

Our ability to use our net operating loss carryforwards and certain other tax attributes may be limited.

As of December 31, 2021, we had \$155.1 million of U.S. federal and \$98.2 million of state net operating loss carryforwards available to reduce future taxable income. Of the \$155.1 million in U.S. federal operating loss carryforwards, \$24.6 million will be carried forward indefinitely for U.S. federal tax purposes and \$130.5 million will expire between 2022 and 2037. The \$98.2 million in state operating loss carryforwards will expire between 2022 and 2041. It is possible that we will not generate taxable income in time to use these net operating loss carryforwards before their expiration or at all. In addition, the federal and state net operating loss carryforwards and certain tax credits may be subject to significant limitations under Section 382 and Section 383 of the Internal Revenue Code of 1986, as amended (the “Code”), respectively, and similar provisions of state law. Under those sections of the Code, if a corporation undergoes an “ownership change,” the corporation’s ability to use its pre-change net operating loss carryforwards and other pre-change attributes to offset its post-change income or tax may be limited. In general, an “ownership change” will occur if there is a cumulative change in our ownership by “5-percent shareholders” that exceeds 50 percentage points over a rolling three-year period. Similar rules may apply under state tax laws. To the extent we are not able to offset future taxable income with our net operating losses, our cash flows may be adversely affected.

Risks Related to Being a Public Company

Our management team has had limited experience managing and operating a public company since the period when we were previously a public company, which ended in 2009.

Most of the members of our management team have had limited experience managing and operating a publicly traded company, interacting with public company investors and complying with the increasingly complex laws pertaining to public companies since the period when we were previously a public company, which ended in 2009. Our management team may not successfully or efficiently manage their new responsibilities. Our transition to being a public company subjects us to significant regulatory oversight and reporting obligations under the federal securities laws and the continuous scrutiny of securities analysts and investors. These new obligations and constituents will require significant attention from our senior management and could divert their attention away from the day-to-day management of our business. We may not have adequate personnel with the appropriate level of knowledge, experience, and training in the accounting policies, practices or internal controls over financial reporting required of public companies. The development and implementation of the standards and controls necessary for us to achieve the level of accounting standards required of a public company may require costs greater than expected. These factors could adversely affect our business, financial condition, and operating results.

Risk Related to Our Securities

If we do not meet the expectations of investors or securities analysts, the market price of our securities may decline.

If we do not meet the expectations of investors or securities analysts, the market price of our securities may decline. In addition, fluctuations in the price of our securities could contribute to the loss of all or part of your investment in our securities. The trading price of our securities could be volatile and subject to wide fluctuations in response to various factors, some of which are beyond our control. Any of the factors listed below could have a material adverse effect on your investment in our securities and our securities may trade at prices significantly below the price you paid for them. In such circumstances, the trading price of our securities may not recover and may experience a further decline.

Factors affecting the trading price of our securities may include:

- actual or anticipated fluctuations in our quarterly financial results or the quarterly financial results of companies perceived to be similar to us;
- changes in the market's expectations about our operating results;
- the success of competitors;
- our operating results failing to meet the expectation of securities analysts or investors in a particular period;
- changes in financial estimates and recommendations by securities analysts concerning us or the wireless communications industry in general;
- operating and share price performance of other companies that investors deem comparable to us;
- our ability to market new and enhanced products and technologies on a timely basis;
- changes in laws and regulations affecting our business;
- our ability to meet compliance requirements;
- commencement of, or involvement in, litigation involving us;
- changes in our capital structure, such as future issuances of securities or the incurrence of additional debt;
- the volume of our shares of Common Stock available for public sale;
- any major change in our board of directors ("Board") or management;
- sales of substantial amounts of our shares of Common Stock by our directors, executive officers or significant stockholders or the perception that such sales could occur; and
- general economic and political conditions such as recessions, interest rates, international currency fluctuations and acts of war or terrorism.

Broad market and industry factors may materially harm the market price of our securities irrespective of our operating performance. The stock market in general, and the NYSE American in particular, have experienced price and volume fluctuations that have often been unrelated or disproportionate to the operating performance of the particular companies affected. The trading prices and valuations of these stocks, and of our securities, may not be predictable. A loss of investor confidence in the market for retail stocks or the stocks of other companies which investors perceive to be similar to us could depress our share price regardless of our business, prospects, financial conditions or results of operations. A decline in the market price of our securities also could adversely affect our ability to issue additional securities and our ability to obtain additional financing in the future.

Our issuance of additional shares of Common Stock or securities convertible into or exercisable for our Common Stock may dilute your ownership of us and could adversely affect our stock price.

From time to time in the future, we may issue additional shares of our Common Stock or securities convertible into or exercisable for our Common Stock pursuant to a variety of transactions, including acquisitions. Additional shares of our Common Stock may also be issued upon exercise of outstanding stock options and warrants to purchase our Common Stock. The issuance by us of additional shares of our Common Stock or securities convertible into or exercisable for our Common Stock would dilute your ownership of us and the sale of a significant amount of such securities in the public market could adversely affect prevailing market prices of our Common Stock. Subject to the satisfaction of vesting conditions and the expiration of lock-up agreements, shares issuable upon exercise of options by persons other than by our affiliates will be available for resale immediately in the public market without restriction.

In the future, we may obtain financing or further increase our capital resources by issuing additional shares of our capital stock or offering debt or other equity securities, including senior or subordinated notes, debt securities convertible into equity, or shares of preferred stock. Issuing additional shares of our capital stock, other equity securities, or securities convertible into equity may dilute the economic and voting rights of our existing stockholders, reduce the market price of Common Stock, or both. Debt securities convertible into equity could be subject to adjustments in the conversion ratio pursuant to which certain events may increase the number of equity securities issuable upon conversion. Preferred stock, if issued, could have a preference with respect to liquidating distributions or a preference with respect to dividend payments that could limit our ability to pay dividends to the holders of our Common Stock. Our decision to issue securities in any future offering may depend on market conditions and other factors beyond our control, which may adversely affect the amount, timing or nature of our future offerings. As a result, holders of our Common Stock bear the risk that our future offerings may reduce the market price of our Common Stock and dilute their percentage ownership.

There can be no assurance that we will be able to comply with the continued listing standards of the NYSE American.

If the NYSE American delists any of our securities from trading on its exchange for failure to meet the listing standards, we and our securityholders could face significant material adverse consequences including:

- a limited availability of market quotations for our securities;
- reduced liquidity for our securities;
- a determination that our Common Stock is a “penny stock” which will require brokers trading in our Common Stock to adhere to more stringent rules, possibly resulting in a reduced level of trading activity in the secondary trading market for shares of our Common Stock;
- a limited amount of analyst coverage; and
- a decreased ability to issue additional securities or obtain additional financing in the future.

We qualify as an “emerging growth company” within the meaning of the Securities Act, and if we take advantage of certain exemptions from disclosure requirements available to emerging growth companies, it could make our securities less attractive to investors and may make it more difficult to compare our performance to the performance of other public companies.

We qualify as an “emerging growth company” as defined in Section 2(a)(19) of the Securities Act, as modified by the JOBS Act. As such, we are eligible for and have and intend to continue to take advantage of certain exemptions from various reporting requirements applicable to other public companies that are not emerging growth companies for as long as we continue to be an emerging growth company, including (a) the exemption from the auditor attestation requirements with respect to internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act, (b) the exemptions from say-on-pay, say-on-frequency and say-on-golden parachute voting requirements and (c) reduced disclosure obligations regarding executive compensation in our periodic reports and proxy statements. We will remain an emerging growth company until the earliest of (i) the last day of the fiscal year in which the market value of our Common Stock that is held by non-affiliates exceeds \$700.0 million as of June 30 of that fiscal year, (ii) the last day of the fiscal year in which we have total annual gross revenue of \$1.07 billion or more during such fiscal year (as indexed for inflation), (iii) the date on which we have issued more than \$1 billion in non-convertible debt in the prior three-year period or (iv) the last day of the fiscal year following the fifth anniversary of the date of the first sale of our Common Stock in New Beginnings’ initial public offering (“IPO”). In addition, Section 107 of the JOBS Act also provides that an emerging growth company can take advantage of the exemption from complying with new or revised accounting standards provided in Section 7(a)(2)(B) of the Securities Act as long as we are an emerging growth company. An emerging growth company can therefore delay the adoption of certain accounting standards until those standards would otherwise apply to private companies. We have elected not to opt out of such extended transition period and, therefore, we may not be subject to the same new or revised accounting standards as other public companies that are not emerging growth companies. Investors may find our Common Stock less attractive because we will rely on these exemptions, which may result in a less active trading market for the Common Stock and its price may be more volatile.

Our directors and officers may have interests that are different from the interests of our stockholders.

Our executive officers and directors may have financial or other interests that may be different from, or in addition to, the interests of our stockholders generally.

Our Second Amended and Restated Certificate of Incorporation (“Certificate of Incorporation”) contains anti-takeover provisions that could adversely affect the rights of our stockholders.

Our Certificate of Incorporation contains provisions to limit the ability of others to acquire control of us or cause us to engage in change-of-control transactions, including, among other things:

- provisions that authorize our Board, without action by our stockholders, to issue preferred stock with preferential rights determined by our Board;
- provisions that permit, subject to the special rights of preferred stockholders, only a majority of our Board, the chairperson of the Board or the chief executive officer to call stockholder meetings and therefore do not permit stockholders to call special meetings of the stockholders;
- provisions limiting stockholders’ ability to act by written consent; and
- a staggered Board whereby our directors are divided into three classes, with each class subject to retirement and re-election once every three years on a rotating basis.

These provisions could have the effect of depriving our stockholders of an opportunity to sell their Common Stock at a premium over prevailing market prices by discouraging third parties from seeking to obtain control of us in a tender offer or similar transaction. With our staggered Board, at least two annual or special meetings of stockholders will generally be required in order to effect a change in a majority of our directors. Our staggered Board can discourage proxy contests for the election of our directors and purchases of substantial blocks of our shares by making it more difficult for a potential acquirer to gain control of our Board in a relatively short period of time.

Our Certificate of Incorporation provides, subject to limited exceptions, that the Court of Chancery of the State of Delaware will be the sole and exclusive forum for certain stockholder litigation matters, which could limit our stockholders’ ability to obtain a favorable judicial forum for disputes with us or our directors, officers, employees or stockholders.

Our Certificate of Incorporation requires, to the fullest extent permitted by law, that, unless we consent in writing to the selection of an alternative forum, (i) derivative actions brought in our name, (ii) actions asserting a claim of breach of fiduciary duty owed by any of our directors, officers or stockholders, (iii) actions asserting a claim pursuant to the Delaware General Corporation Law (the “DGCL”), the Certificate of Incorporation or our amended and restated bylaws (the “Bylaws”), or (iv) any actions asserting claims governed by the internal affairs doctrine, may be brought only in the Court of Chancery in the State of Delaware (or, in the event that the Chancery Court does not have jurisdiction, the federal district court for the District of Delaware or other state courts of the State of Delaware). Subject to the preceding sentence, the federal district courts of the United States of America will be the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act. However, such forum selection provisions will not apply to suits brought to enforce any liability or duty created by the Exchange Act or any other claim for which the federal courts of the United States have exclusive jurisdiction.

The choice of forum provision may limit a stockholder’s ability to bring a claim in a judicial forum that it finds favorable for disputes with us or our directors, officers, or other employees, which may discourage such lawsuits against us and our directors, officers, and other employees. Alternatively, if a court were to find the choice of forum provision contained in the Certificate of Incorporation to be inapplicable or unenforceable in an action, we may incur additional costs associated with resolving such action in other jurisdictions, which could harm our business, results of operations, and financial condition.

Additionally, Section 22 of the Securities Act creates concurrent jurisdiction for federal and state courts over all suits brought to enforce any duty or liability created by the Securities Act or the rules and regulations thereunder. As noted above, the Certificate of Incorporation will provide that the federal district courts of the United States of America will have jurisdiction over any action arising under the Securities Act. Accordingly, there is uncertainty as to whether a court would enforce such provision. Our stockholders will not be deemed to have waived our compliance with the federal securities laws and the rules and regulations thereunder.

Any person or entity purchasing or otherwise acquiring any interest in shares of our capital stock will be deemed to have notice of and consented to the forum provisions in our Certificate of Incorporation.

We may be subject to securities litigation, which is expensive and could divert management attention.

Our share price may be volatile and, in the past, companies that have experienced volatility in the market price of their stock have been subject to securities litigation, including class action litigation. We may be the target of this type of litigation in the future. We may also be subject to securities litigation in connection with the Business Combination. Litigation of this type could result in substantial costs and diversion of management's attention and resources, which could have a material adverse effect on our business, financial condition, and results of operations. Any adverse determination in litigation could also subject us to significant liabilities.

Because we have no current plans to pay cash dividends on Common Stock for the foreseeable future, you may not receive any return on investment unless you sell Common Stock for a price greater than that which you paid for it.

We may retain future earnings, if any, for future operations, expansion and debt repayment and have no current plans to pay any cash dividends for the foreseeable future. Any decision to declare and pay dividends in the future will be made at the discretion of our Board and will depend on, among other things, our results of operations, financial condition, cash requirements, contractual restrictions and other factors that our Board may deem relevant. In addition, our ability to pay dividends may be limited by covenants of any existing and future outstanding indebtedness we or our subsidiaries incur. As a result, you may not receive any return on an investment in Common Stock unless you sell Common Stock for a price greater than that which you paid for it. See the section entitled "Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities - Dividends."

Our warrants are accounted for as liabilities and the changes in value of the warrants could have a material effect on our financial results.

We account for our warrants to purchase Common Stock as derivative liabilities related to embedded features contained within them. Accounting Standards Codification ("ASC") 815-40 provides for the remeasurement of the fair value of such derivatives at each balance sheet date, with a resulting non-cash gain or loss related to the change in the fair value being recognized in earnings in the statement of operations. As a result of the recurring fair value measurement, our financial statements and results of operations may fluctuate quarterly based on factors which are outside of our control. Due to the recurring fair value measurement, we expect that we will recognize non-cash gains or losses on our warrants each reporting period and that the amount of such gains or losses could be material.

General Risk Factors

Our business is subject to the risks of earthquakes, fires, floods and other natural catastrophic events, global pandemics and interruptions by man-made problems, such as terrorism. Material disruptions of our business or information systems resulting from these events could adversely affect our operating results.

A significant natural disaster, such as an earthquake, fire, flood, hurricane or significant power outage or other similar events, such as infectious disease outbreaks or pandemic events, including the ongoing COVID-19 pandemic, particularly in light of new variants, could have an adverse effect on our business and operating results. The ongoing COVID-19 pandemic may have the effect of heightening many of the other risks described in this "Risk Factors" section, such as the demand for our products, our ability to achieve or maintain profitability and our ability to raise additional capital in the future. Natural disasters, acts of terrorism or war could cause disruptions in our operations, our or our customers' or channel partners' businesses, our suppliers' or the economy as a whole. We also rely on information technology systems to communicate among our workforce and with third parties. Any disruption to our communications, whether caused by a natural disaster or by manmade problems, such as power disruptions, could adversely affect our business. To the extent that any such disruptions result in delays or cancellations of orders or impede our suppliers' ability to timely deliver product components, or the deployment of our products, our business, operating results and financial condition would be adversely affected.

Interruption or failure of our information technology and communications systems could impact our ability to effectively provide our products and services.

We utilize data connectivity to monitor performance and timely capture opportunities to enhance performance and functionality. The availability and effectiveness of our services depend on the continued operation of information technology and communications systems. Our systems will be vulnerable to damage or interruption from, among others, physical theft, fire, terrorist attacks, natural disasters, power loss, war, telecommunications failures, viruses, denial or degradation of service attacks, ransomware, social engineering schemes, insider theft or misuse or other attempts to harm our systems, and we have previously experienced denial or degradation of service attacks and ransomware attacks. We utilize reputable third-party service providers or vendors, and these providers could also be vulnerable to harms similar to those that could damage our systems, including sabotage and intentional acts of vandalism causing potential disruptions. Some of our systems are not fully redundant, and our disaster recovery planning cannot account for all eventualities. Any problems with our third-party providers could result in lengthy interruptions in our business. In addition, our services and functionality are highly technical and complex technology which may contain errors or vulnerabilities that could result in interruptions in our business or the failure of our systems.

We are subject to cybersecurity risks to operational systems, security systems, infrastructure, integrated software in our 4G and 5G products and customer data processed by us or third-party vendors or suppliers and any material failure, weakness, interruption, cyber event, incident or breach of security could prevent us from effectively operating our business.

We are at risk for interruptions, outages and breaches of: operational systems, including business, financial, accounting, product development, data processing or production processes, owned by us or our third-party vendors or suppliers; facility security systems, owned by us or our third-party vendors or suppliers; in-product technology owned by us or our third-party vendors or suppliers; the integrated software in our products; or customer data that we process or our third-party vendors or suppliers process on our behalf. Such cyber incidents have previously and in the future could materially disrupt operational systems; result in loss of intellectual property, trade secrets or other proprietary or competitively sensitive information; compromise certain information of customers, employees, suppliers, drivers or others; jeopardize the security of our facilities; or affect the performance of in-product technology and the integrated software in our products. A cyber incident could be caused by disasters, insiders (through inadvertence or with malicious intent) or malicious third parties (including nation-states or nation-state supported actors) using sophisticated, targeted methods to circumvent firewalls, encryption and other security defenses, including hacking, fraud, trickery or other forms of deception. The techniques used by cyber attackers change frequently and may be difficult to detect for long periods of time. Although we maintain information technology measures designed to protect ourselves against intellectual property theft, data breaches and other cyber incidents, such measures have not successfully detected or prevented all previous cyber incidents and will require updates and improvements, and we cannot guarantee that such measures will be adequate to detect, prevent or mitigate future cyber incidents.

For example, in December 2021, we experienced a ransomware incident that impacted the availability of certain systems within our computer network. In response to this incident, we secured digital assets within our computer systems, immediately commenced an investigation with assistance from an outside cybersecurity firm and were able to successfully restore our systems, without paying a ransom, after working to get the systems back up as quickly as possible. Despite these actions, we experienced some delays and disruptions to our business, primarily with respect to employee access to business applications and e-mail service. In addition, in January 2022, we experienced a denial of service attack on our e-mail service. We were able to restore e-mail service after working to do so as quickly as possible. In connection with these incidents, we have incurred certain incremental one-time costs of \$0.1 million related to consultants, experts and data recovery efforts, net of insurance recoveries, and expect to incur additional costs related to cybersecurity protections in the future. Although we have not been the subject of any legal proceedings involving these incidents, it is possible that we could be the subject of claims from persons alleging that they suffered damages from these incidents. We also are in the process of implementing a variety of measures to further enhance our cybersecurity protections and minimize the impact of any future attack. However, cyber threats are constantly evolving, and there can be no guarantee that a future cyber event will not occur.

In addition, the implementation, maintenance, segregation and improvement of these systems requires significant management time, support and cost. Moreover, there are inherent risks associated with developing, improving, expanding and updating current systems, including the disruption of our data management, procurement, production execution, finance, supply chain and sales and service processes. These risks may affect our ability to manage our data and inventory, procure parts or supplies or produce, sell, deliver and service our products, adequately protect our intellectual property or achieve and maintain compliance with, or realize available benefits under, applicable laws, regulations and contracts. We cannot be sure that the systems upon which we rely, including those of our third-party vendors or suppliers, will be effectively implemented, maintained or expanded as planned. If we do not successfully implement, maintain or expand these systems as planned, our operations may be disrupted, our ability to accurately and timely report our financial results could be impaired, and deficiencies may arise in our internal control over financial reporting, which may impact our ability to certify our financial results.

Moreover, our proprietary information or intellectual property has previously and in the future could be compromised or misappropriated and our reputation may be adversely affected. For example, through our investigation of the December 2021 incident referenced above, we discovered that the individuals responsible for this incident acquired certain files from our servers. We are currently reviewing the content and scope of the files and we will provide notice to any individual whose personal information was contained therein. If our systems do not operate as we expect them to, we have previously been and may in the future be required to expend significant resources to make corrections or find alternative sources for performing these functions.

A significant cyber incident could harm our reputation, cause us to breach our contracts with other parties or subject us to regulatory actions or litigation, any of which could materially affect our business, prospects, financial condition and operating results. In addition, our insurance coverage for cyber-attacks may not be sufficient to cover all the losses we may experience as a result of a cyber-incident.

The requirements of being a public company may strain our resources and divert management's attention.

We will incur significant costs associated with our public company corporate governance and reporting requirements. This may divert the attention of our management from other business concerns, which could have a material adverse effect on our business, financial condition and results of operations.

We have identified a material weakness in our internal control over financial reporting and may identify additional material weaknesses in the future, or fail to maintain an effective system of internal control over financial reporting, which may result in material misstatements of our consolidated financial statements or cause us to fail to meet our periodic reporting obligations.

As a private company, Legacy Airspan was not required to document and test its internal controls over financial reporting, nor was its management required to certify the effectiveness of its internal controls, and its auditors were not required to opine on the effectiveness of its internal control over financial reporting. Similarly, as a private company, Legacy Airspan was not subject to the SEC's internal control reporting requirements. However, we are now subject to the requirement for management to certify the effectiveness of our internal controls and, in due course, the requirement with respect to auditor attestation on internal control effectiveness.

In connection with the audit of our consolidated financial statements as of and for the year ended December 31, 2021, we identified a material weakness in our internal control over financial reporting. A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting such that there is a reasonable possibility that a material misstatement of the annual or interim financial statements will not be prevented or detected on a timely basis.

The material weakness that we identified occurred because we did not design and maintain effective controls related to the cutoff of revenue recognition on products shipped to customers.

Management, with oversight from the Board and the Audit Committee of the Board is in the process of implementing a remediation plan for this material weakness, including, among other things, implementing process level and management review controls to ensure the cutoff of revenue recognition is accurate. We can give no assurance that our efforts will remediate this deficiency in internal control over financial reporting or that additional material weaknesses in our internal control over financial reporting will not be identified in the future. Our failure to implement and maintain effective internal control over financial reporting could result in errors in our consolidated financial statements that could result in a restatement of our financial statements, may subject us to litigation and investigations, and could cause us to fail to meet our reporting obligations, any of which could diminish investor confidence in us, cause a decline in the price of our Common Stock and limit our ability to access capital markets.

If we fail to maintain effective internal control over financial reporting, the price of our Common Stock may be adversely affected.

We are required to establish and maintain appropriate internal control over financial reporting. Failure to establish those controls, or any failure of those controls once established, could adversely affect our public disclosures regarding our business, financial condition or results of operations. In addition, management's assessment of internal control over financial reporting may identify weaknesses and conditions that need to be addressed in our internal control over financial reporting, or other matters that may raise concerns for investors. Any actual or perceived weaknesses and conditions that need to be addressed in our internal control over financial reporting, or disclosure of management's assessment of our internal control over financial reporting, may have an adverse impact on the price of our Common Stock.

Our failure to timely and effectively implement controls and procedures required by Section 404(a) of the Sarbanes-Oxley Act could have a material adverse effect on our business, operating results and financial condition.

We are required under Section 404 of the Sarbanes-Oxley Act to provide management's attestation on internal controls. Management may not be able to effectively and timely implement controls and procedures that adequately respond to the increased regulatory compliance and reporting requirements that are applicable under Section 404 of the Sarbanes-Oxley Act. If we are not able to implement the additional requirements of Section 404(a) in a timely manner or with adequate compliance, we may not be able to assess whether our internal controls over financial reporting are effective or may result in a finding that there is a material weakness in our internal controls over financial reporting, which may subject us to adverse regulatory consequences and could harm investor confidence and the market price of our securities.

If securities or industry analysts do not publish or cease publishing research or reports about us, our business, or our market, or if they change their recommendations regarding our securities adversely, the price and trading volume of our securities could decline.

The trading market for our securities will be influenced by the research and reports that industry or securities analysts may publish about us, our business, market or competitors. If any of the analysts who may cover us change their recommendation regarding our shares of Common Stock adversely, or provide more favorable relative recommendations about our competitors, the price of our shares of Common Stock would likely decline. If any analyst who may cover us were to cease coverage of us or fail to regularly publish reports on it, we could lose visibility in the financial markets, which in turn could cause our share price or trading volume to decline.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

Our corporate headquarters are located in Boca Raton, Florida. This office consists of approximately 5,400 square feet of space leased pursuant to a lease that will expire in 2024.

Our main operations and product development centers are located in: Slough, United Kingdom; Airport City, Israel; Mumbai and Bangalore, India; and Tokyo, Japan. In Slough, United Kingdom, we lease one facility of approximately 14,330 square feet pursuant to a lease that will expire in 2025. In Airport City, Israel, we lease one facility of approximately 49,213 square feet pursuant to a lease that will expire in 2024. In Mumbai, India, we lease one facility of approximately 5,513 square feet pursuant to a lease that will expire in 2026. In Tokyo, Japan, we lease one facility of approximately 1,940 square feet pursuant to a lease that will expire in 2022. In Bangalore, India, we lease one facility of approximately 7,500 square feet pursuant to a lease that will expire in 2025.

We believe that our facilities are adequate for our current needs. We periodically review our facility requirements and may acquire new facilities, or modify, update, consolidate, dispose of or sublet existing facilities, based on evolving business needs.

Item 3. Legal Proceedings.

Reference is made to Note 15 – Commitments and Contingencies in the notes to the audited consolidated financial statements contained elsewhere in this Annual Report on Form 10-K for information regarding certain litigation to which we are a party.

Item 4. Mine Safety Disclosures.

Not applicable.

PART II

Item 5. Market For Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Our Common Stock, our warrants issued in connection with New Beginnings’ initial public offering which are exercisable to purchase a share of Common Stock at an exercise price of \$11.50 per share (the “Public Warrants”), our warrants which are exercisable to purchase a share of Common Stock at an exercise price of \$12.50 per share (the “Post-Combination \$12.50 Warrants”), our warrants which are exercisable to purchase a share of Common Stock at an exercise price of \$15.00 per share (the “Post-Combination \$15.00 Warrants”) and our warrants which are exercisable to purchase a share of Common Stock at an exercise price of \$17.50 per share (the “Post-Combination \$17.50 Warrants” and, together with the Post-Combination \$12.50 Warrants and the Post-Combination \$15.00 Warrants, the “Post-Combination Warrants”) are traded on the NYSE American under the symbols “MIMO”, “MIMO WS”, “MIMO WSA”, “MIMO WSB” and “MIMO WSC”, respectively.

Holders of Record

On December 31, 2021, there were 45 holders of record of our Common Stock, 2 holders of record of our Public Warrants, 33 holders of record of our Post-Combination \$12.50 Warrants, 33 holders of record of our Post-Combination \$15.00 Warrants and 33 holders of record of our Post-Combination \$17.50 Warrants.

Dividends

We have not paid any cash dividends on our Common Stock to date. The payment of cash dividends in the future will be dependent upon our revenues and earnings, if any, capital requirements and general financial condition. The payment of any cash dividends will be within the discretion of our Board.

Recent Sales of Unregistered Securities

None, other than as set forth in our Quarterly Reports on Form 10-Q and our Current Reports on Form 8-K.

Securities Authorized for Issuance Under Equity Compensation Plans

Information regarding our equity compensation plans as of December 31, 2021 is disclosed in Item 12 “Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters” of this Annual Report on Form 10-K.

Repurchases

None.

Item 6. [Reserved]

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations.

Overview

We offer a complete range of 4G and 5G network build and network densification products with an expansive portfolio of software and hardware tools for indoor and outdoor, compact femto, pico, micro and macro base stations, as well as an industry leading 802.11ac and 802.11ax fixed wireless access and backhaul solution portfolio for point-to-point and point-to-multipoint applications. Our solutions help network operators monetize the potential of 4G and 5G technologies and use cases and, in addition, allow enterprises to establish their own private networks especially in 5G, where dedicated spectrum has been allocated. We have developed differentiated RAN software and hardware products to help operators get the maximum capacity and coverage in the following ways:

- Very high performance wireless network technology for both access and backhaul components of the network.
- Energy efficient and integrated form factors, enabling cost effective deployment of RAN technology that are able to avoid zoning and site acquisition constraints, which translate into a quicker time-to-market for our customers.
- Easy to use, affordable and comprehensive core network elements to support 4G, 5G and fixed wireless services.
- Sophisticated provisioning and orchestration software for both backhaul and RAN for 4G and 5G access and the core network that can also integrate a wide range of access.
- Fully virtualized cloud native modular software and hardware solutions that adhere to open standards allowing our operator customers to fundamentally shift the dynamics of the value and supply chains of the wireless industry. This decreases vendor lock-in and as a result lowers total cost of ownership typical of traditional incumbent competitors.

The market for our wireless systems includes leading mobile CSPs, large enterprises, military communications integrators and ISPs. Our strategy applies the same network technology across all addressable sectors.

Our main operations are in: Slough, United Kingdom; Mumbai and Bangalore, India; Tokyo, Japan; Airport City, Israel; and Santa Clara, California, and our corporate headquarters is in Boca Raton, Florida.

Key Factors and Trends Affecting our Business

Various trends and other factors have affected and may continue to affect our business, financial condition and operating results, including, but not limited to:

- our expected financial and business performance;
- changes in our strategy, future operations, financial position, estimated revenues and losses, forecasts, projected costs, prospects and plans;
- the implementation, market acceptance and success of our products;
- demand for our products and the drivers of that demand;
- our estimated total addressable market and other industry projections, and our projected market share;
- competition in our industry, the advantages of our products and technology over competing products and technology existing in the market, and competitive factors including with respect to technological capabilities, cost and scalability;
- our ability to scale in a cost-effective manner and maintain and expand our manufacturing relationships;

- our ability to enter into production supply agreements with customers, the terms of those agreements, and customers' utilization of our products and technology;
- our expected reliance on tier 1 customers;
- developments and projections relating to our competitors and industry, including with respect to investment in 5G networks;
- our expectation that we will incur substantial expenses and continuing losses for the foreseeable future and that we will incur increased expenses as a public company;
- the impact of health epidemics, including the COVID-19 pandemic, on our business and industry and the actions we may take in response thereto;
- our expectations regarding our ability to obtain and maintain intellectual property protection and not infringe on the rights of others;
- expectations regarding the time during which we will be an emerging growth company under the JOBS Act;
- our future capital requirements and sources and uses of cash;
- our ability to obtain funding for our operations;
- our business, expansion plans and opportunities;
- anticipated financial performance, including gross margin, and the expectation that our future results of operations will fluctuate on a quarterly basis for the foreseeable future;
- expected capital expenditures, cost of revenue and other future expenses, and the sources of funds to satisfy our liquidity needs; and
- the outcome of any known and unknown litigation and regulatory proceedings.

Recent Developments

The Business Combination

We consummated the Business Combination on August 13, 2021, pursuant to the terms of the Business Combination Agreement. Under the Business Combination Agreement, Legacy Airspan became a wholly-owned subsidiary of the Company. Thereafter, the Company was renamed Airspan Networks Holdings Inc.

In connection with the Business Combination, holders of 9,997,049 shares of Common Stock sold in New Beginnings' initial public offering properly exercised their right to have such shares redeemed for a full pro rata portion of New Beginnings' trust account, which was approximately \$10.10 per share, or an aggregate redemption payment of \$100.97 million.

As a result of the Business Combination, (i) 59,726,486 shares of Common Stock (including 345,471 shares of restricted Common Stock), 3,000,000 Post-Combination \$12.50 Warrants, 3,000,000 Post-Combination \$15.00 Warrants and 3,000,000 Post-Combination \$17.50 Warrants were issued to Legacy Airspan stockholders, (ii) outstanding options to purchase Legacy Airspan common stock and Legacy Airspan Class B common stock were converted into options to purchase an aggregate of 5,815,796 shares of Common Stock, (iii) \$17,500,000 in cash was paid and restricted stock units with respect to 1,750,000 shares of Common Stock were issued to the participants in Legacy Airspan's management incentive plan (the "MIP") and (iv) 4,257,718 shares of Common Stock were reserved for issuance in connection with future grants under the Company's 2021 Stock Incentive Plan (the "2021 Plan").

In connection with the Business Combination, we also issued 7,500,000 shares of Common Stock to certain investors (the “PIPE Investors”), at a price of \$10.00 per share, for aggregate consideration of \$75.0 million, and \$50.0 million in aggregate principal amount of Convertible Notes.

After giving effect to the transactions and redemptions described above, there were 72,024,437 shares of our Common Stock issued and outstanding immediately following the Closing. Our Common Stock, Public Warrants, Post-Combination \$12.50 Warrants, Post-Combination \$15.00 Warrants and Post-Combination \$17.50 Warrants commenced trading on the NYSE American under the symbols “MIMO”, “MIMO WS”, “MIMO WSA”, “MIMO WSB” and “MIMO WSC”, respectively, on August 16, 2021.

Following the Closing of the Business Combination, Legacy Airspan was deemed the accounting acquirer, and the Company is the successor SEC registrant. Although the legal acquirer in the Business Combination Agreement was New Beginnings, for financial accounting and reporting purposes under accounting principles generally accepted in the United States of America (“GAAP”), the Business Combination is accounted for as a reverse recapitalization. A reverse recapitalization does not result in a new basis of accounting, and the financial statements of the combined entity represent the continuation of the financial statements of Legacy Airspan in many respects. Under this method of accounting, New Beginnings is treated as the acquired company for financial statement reporting purposes and the Business Combination is treated as the equivalent of Legacy Airspan issuing stock for the net assets of New Beginnings, accompanied by a recapitalization. Accordingly, the consolidated assets, liabilities and results of operations of Legacy Airspan became the historical financial statements of the Company, and New Beginnings’ assets, liabilities and results of operations were consolidated with Legacy Airspan’s on August 13, 2021. The net assets of New Beginnings are stated at historical cost, with no goodwill or other intangible assets recorded. Operations prior to the Business Combination are those of Legacy Airspan.

The most significant change in our future reported financial position and results as a result of the Business Combination is an increase in cash (as compared to Legacy Airspan’s balance sheet immediately prior to the Business Combination) of approximately \$115.5 million and an increase of indebtedness (as compared to Legacy Airspan’s balance sheet immediately prior to the Business Combination) of \$40.7 million as a result of the issuance of the Convertible Notes. Total non-recurring transaction costs were approximately \$27.0 million as a result of the Business Combination.

As a majority of Legacy Airspan’s current management team and business operations comprise our management and operations, we will need to implement procedures and processes to address public company regulatory requirements and customary practices. We expect we will incur additional annual expenses as a public company for, among other things, directors’ and officers’ liability insurance, director fees and additional internal and external accounting and legal and administrative resources, including increased audit and legal fees.

Convertible Notes

On July 30, 2021, we entered into a Convertible Note Purchase Agreement, pursuant to which, on August 13, 2021, we issued \$50.0 million in aggregate principal amount of Convertible Notes. The Convertible Notes bear interest at a rate equal to 7.0% per annum (the “Base Rate”), payable quarterly in arrears on March 31, June 30, September 30 and December 31 of each year, beginning on September 30, 2021. Under certain circumstances, a default interest will apply following an event of default under the Convertible Notes at a per annum rate equal to the lower of (i) the Base Rate plus 3.75% and (ii) the maximum amount permitted by law. The Convertible Notes will mature on December 30, 2024, unless earlier accelerated, converted, redeemed or repurchased. On March 29, 2022, we and certain of our subsidiaries who are party to the Convertible Note Purchase Agreement entered into a First Amendment and Waiver to Senior Secured Convertible Note Purchase and Guarantee Agreement and Other Note Documents relating to the Convertible Note Purchase Agreement and the Convertible Notes (the “Convertible Note Purchase Agreement Amendment”) to, among other things, amend the financial covenants included in the Convertible Note Purchase Agreement, amend the conversion price of the Convertible Notes and amend the optional redemption provisions of the Convertible Notes.

Prior to the Convertible Note Purchase Agreement Amendment, the Convertible Notes, together with all accrued but unpaid interest thereon, were convertible, in whole or in part, at any time prior to the payment in full of the principal amount thereof (together with all accrued but unpaid interest thereon), into shares of Common Stock at a conversion price equal to \$12.50 per share. Pursuant to the Convertible Note Purchase Agreement Amendment, the conversion price with respect to the Convertible Notes was decreased to \$8.00 per share. The conversion price with respect to the Convertible Notes is subject to adjustment to reflect stock splits and subdivisions, stock and other dividends and distributions, recapitalizations, reclassifications, combinations and other similar changes in capital structure. The conversion price with respect to the Convertible Notes is also subject to a broad-based weighted average anti-dilution adjustment in the event we issue, or are deemed to have issued, shares of Common Stock, other than certain excepted issuances, at a price below the conversion price then in effect. In addition, pursuant to the Convertible Note Purchase Agreement Amendment, if, during the period commencing on and including the date of the Convertible Note Purchase Agreement Amendment and ending on and including the 15-month anniversary of the date of the Convertible Note Purchase Agreement Amendment, there is no 30 consecutive trading day-period during which the average of the daily volume weighted average price of our Common Stock (“Daily VWAP”) for such 30 consecutive trading day-period (after excluding the three highest and three lowest Daily VWAPs during such period) equals or exceeds \$10.00 (as adjusted for stock splits, stock combinations, dividends, distributions, reorganizations, recapitalizations and the like), the conversion price with respect to the Convertible Notes will be reduced to the amount that such conversion price would otherwise have been had the conversion price with respect to the Convertible Notes been \$6.00 on the date of the Convertible Note Purchase Agreement Amendment (the “Stock Threshold Reduction”).

March 2022 Fortress Amendment

On March 29, 2022, the Company, Legacy Airspan and certain of our subsidiaries who are party to the Fortress Credit Agreement entered into a Third Amendment and Waiver to Credit Agreement and Other Loan Documents relating to the Fortress Credit Agreement with Fortress (the “March 2022 Fortress Amendment”) to, among other things, amend the financial covenants included in the Fortress Credit Agreement.

COVID-19 Update

The spread of COVID-19, a novel strain of coronavirus, has and continues to alter the behavior of business and people in a manner that is having negative effects on local, regional and global economies. The COVID-19 pandemic continues to have an impact with short-term disruptions on our supply chains, as governments take robust actions to minimize the spread of localized COVID-19 outbreaks. The continued impact on our supply chains has caused delayed production and fulfillment of customer orders, disruptions and delays of logistics and increased logistic costs. As a further consequence of the COVID-19 pandemic, component lead times have extended as demand outstrips supply on certain components, including semiconductors, and have caused the costs of components to increase. These extended lead times have caused us to extend our forecast horizon with our contract manufacturing partners and have increased the risk of supply delays. We cannot at this time accurately predict what effects, or their extent, the coronavirus outbreak will have on our 2022 operating results, due to uncertainties relating to the ultimate geographic spread of the virus, the severity of the disease, the duration of the outbreak, component shortages and increased component costs, the length of voluntary business closures, and governmental actions taken in response to the outbreak. More generally, the widespread health crisis has and may continue to adversely affect the global economy, resulting in an economic downturn that could affect demand for our products and therefore impact our results of operations and financial condition.

Further quantification of these pandemic effects, to the extent relevant and material, are included in the discussion of results of operations below.

Cybersecurity Incidents

In December 2021, we experienced a ransomware incident that impacted the availability of certain systems within our computer network. In response to this incident, we secured digital assets within our computer systems, immediately commenced an investigation with assistance from an outside cybersecurity firm and were able to successfully restore our systems, without paying a ransom, after working to get the systems back up as quickly as possible. Despite these actions, we experienced some delays and disruptions to our business, primarily with respect to employee access to business applications and e-mail service. Through our investigation, we discovered that the individuals responsible for this incident acquired certain files from our servers. We are currently reviewing the content and scope of the files and we will provide notice to any individual whose personal information was contained therein.

In addition, in January 2022, we experienced a denial of service attack on our e-mail service. We were able to restore e-mail service after working to do so as quickly as possible.

In connection with these incidents, we have incurred certain incremental one-time costs of \$0.1 million related to consultants, experts and data recovery efforts, net of insurance recoveries, and expect to incur additional costs related to cybersecurity protections in the future. We are in the process of implementing a variety of measures to further enhance our cybersecurity protections and minimize the impact of any future attack. However, cyber threats are constantly evolving, and there can be no guarantee that a future cyber event will not occur.

Going Concern Update

Previously, we had determined there were factors that raised substantial doubt about the Company’s ability to continue as a going concern. As of December 31, 2021, the Company was not in compliance with its covenants under the Fortress Credit Agreement and the Convertible Note Purchase Agreement related to its revenue, Adjusted EBITDA and cash balance. However, the Company was granted a waiver from compliance for these covenants as of December 31, 2021. On March 29, 2022, we and certain of our subsidiaries who are party to the Fortress Credit Agreement entered into the March 2022 Fortress Amendment to, among other things, amend the financial covenants included in the Fortress Credit Agreement. In addition, on March 29, 2022, we and certain of our subsidiaries, who are party to the Convertible Note Purchase Agreement, entered into the Convertible Note Purchase Agreement Amendment to, among other things, amend the financial covenants included in the Convertible Note Purchase Agreement, the conversion price of the Convertible Notes and the optional redemption provisions of the Convertible Notes. Furthermore, Airspan has taken measures to strengthen the financial position of the Company. Management believes these measures have resulted in a stronger balance sheet and improved operating results. Finally, the Company believes the 2022 forecasted results will sufficiently exceed the amended covenant requirements.

Based on the above, management believes that our cash position, together with the forecasted results and the amendment to our financial covenants, are sufficient to meet capital and liquidity requirements for at least the next 12 months and thereafter for the foreseeable future. As a result, there is no longer substantial doubt about the Company’s ability to continue as a going concern.

How We Assess the Performance of Our Business

In assessing the performance of our business, we consider a variety of performance and financial measures. The key indicators of the financial condition and operating performance of our business are revenue, cost of revenue, research and development, sales and marketing, general and administrative, interest expense, income taxes and net income. To further help us assess our performance with these key indicators, we use Adjusted Earnings before Interest, Taxes, Depreciation, and Amortization (“Adjusted EBITDA”) as a non-GAAP financial measure. We believe Adjusted EBITDA provides useful information to investors and expanded insight to measure our revenue and cost performance as a supplement to our GAAP consolidated financial statements. See the “Adjusted EBITDA” sections below for a reconciliation to net income (loss), the most directly comparable GAAP measure.

Revenues

We derive the majority of our revenues from sales of our networking products, with the remaining revenue generated from software licenses and service fees relating to non-recurring engineering, product maintenance contracts and professional services for our products. We sell our products and services to end customers, distributors and resellers. Products and services may be sold separately or in bundled packages.

Our top three customers accounted for 63% and 69% of revenue for the years ended December 31, 2021 and 2020, respectively.

Our sales outside the U.S. and North America accounted for 71% and 75% of our total revenue in the years ended December 31, 2021 and 2020, respectively. The following table identifies the percentage of our revenue by customer geographic region in the periods identified.

Geographic Area	Year Ended December 31,	
	2021	2020
United States	29%	24%
Other North America	1%	1%
North America	30%	25%
India	22%	24%
Japan	35%	37%
Other Asia	2%	1%
Asia	59%	62%
Europe	3%	5%
Africa and the Middle East	5%	4%
Latin America and the Caribbean	3%	4%
Total revenue	100%	100%

Cost of Revenues

Cost of revenues consists of component and material costs, direct labor costs, warranty costs, royalties, overhead related to manufacture of our products and customer support costs. Our gross margin is affected by changes in our product mix both because our gross margin on software and services is higher than the gross margin on base station related equipment, and because our different product lines generate different margins. In addition, our gross margin is affected by changes in the average selling price of our systems and volume discounts granted to significant customers. The COVID-19 pandemic continues to have an impact with disruptions to our supply chains, which have caused extended component lead times, increased component costs, as well as disruption and increased expenses in logistics. We expect the average selling prices of our existing products to continue to decline and we intend to continue to implement product cost reductions and develop and introduce new products or product enhancements in an effort to maintain or increase our gross margins. Further, we may derive an increasing proportion of our revenue from the sale of our integrated systems through distribution channels. Revenue derived from these sales channels typically carries a lower gross margin than direct sales.

Operating Expenses

Research and Development

Research and development expenses consist primarily of salaries and related costs for personnel and expenses for design, development, testing facilities and equipment depreciation. These expenses also include costs associated with product development efforts, including consulting fees and prototyping costs from initial product concept to manufacture and production as well as sub-contracted development work. We expect to continue to make substantial investments in research and development.

Sales and Marketing

Sales and marketing expenses consist of salaries and related costs for personnel, sales commissions, consulting and agent's fees and expenses for advertising, travel, technical assistance, trade shows, and promotional and demonstration materials. We expect to continue to incur substantial expenditures related to sales and marketing activities.

General and Administrative

General and administrative expenses consist primarily of salaries and related expenses for our personnel, audit, professional and consulting fees and facilities costs.

Non-Operating Expenses

Interest Expense, Net

Interest expense consists primarily of interest associated with the Convertible Notes, two subordinated loan facilities and our senior secured credit facility, which consisted of a term loan and revolving credit facility. Interest on the term loan was determined based on the highest of the LIBOR Rate, commercial lending rate of the collateral agent and federal funds rate, plus an applicable margin. Interest on the revolving credit facility is based on the LIBOR Rate plus an applicable margin. On December 30, 2020, we amended and restated the terms of our credit facility with Fortress. (See Note 11 of the notes to the audited consolidated financial statements included in this Annual Report on Form 10-K for further discussion on this agreement.)

Income Tax (Expense) Benefit

Our provision for income tax (expense) benefit includes the expected benefit of all deferred tax assets, including our net operating loss carryforwards. Our net operating loss carryforwards will begin to expire in 2025 and continue to expire through 2037. Our tax (expense) benefit has been impacted by non-deductible expenses, including equity compensation and research and development amortization.

Net Loss

Net loss is determined by subtracting operating and non-operating expenses from revenues.

Non-GAAP Financial Measures

Adjusted EBITDA is defined as net income before depreciation and amortization, interest expense and income taxes, and also adjusted to add back share-based compensation costs, changes in the fair value of the warrant liability and embedded derivatives and one-time costs related to the Business Combination, as these costs are not considered a part of our core business operations and are not an indicator of ongoing, future company performance. We use Adjusted EBITDA to evaluate our performance, both internally and as compared to our peers, because these measures exclude certain items that may not be indicative of our core operating results, as well as items that can vary widely among companies within our industry. For example, share-based compensation costs can be subject to volatility from changes in the market price per share of our Common Stock or variations in the value and number of shares granted.

Adjusted EBITDA is one of the primary metrics used by management to evaluate the financial performance of our business because it excludes, among other things, the effects of certain transactions that are outside the control of management, while other measures can differ significantly depending on long-term strategic decisions regarding capital structure, the jurisdictions in which we operate and capital investments.

We present this non-GAAP financial measure because we believe it is frequently used by analysts, investors and other interested parties to evaluate companies in our industry. Further, we believe it is helpful in highlighting trends in our operating results by focusing on our core operating results and is useful to evaluate our performance in conjunction with our GAAP financial measures. Adjusted EBITDA is a non-GAAP financial measure and should not be considered as an alternative to operating income, net income or earnings per share, as a measure of operating performance, cash flows or as a measure of liquidity. Non-GAAP financial measures are not necessarily calculated the same way by different companies and should not be considered a substitute for or superior to GAAP measures.

In particular, Adjusted EBITDA is subject to certain limitations, including the following:

- Adjusted EBITDA does not reflect interest expense, or the amounts necessary to service interest or principal payments under the Fortress Credit Agreement;
- Adjusted EBITDA does not reflect income tax provision (benefit), and because the payment of taxes is part of our operations, tax provision is a necessary element of our costs and ability to operate;
- Although depreciation and amortization are eliminated in the calculation of Adjusted EBITDA, the assets being depreciated and amortized will often have to be replaced in the future, and Adjusted EBITDA does not reflect any costs of such replacements;
- Adjusted EBITDA does not reflect the noncash component of share-based compensation;
- Adjusted EBITDA does not reflect the impact of earnings or charges resulting from matters we consider not to be reflective, on a recurring basis, of our ongoing operations; and
- Other companies in our industry may calculate Adjusted EBITDA or similarly titled measures differently than we do, limiting its usefulness as a comparative measure.

We adjust for these limitations by relying primarily on our GAAP results and using Adjusted EBITDA only as supplemental information.

Segments

Our business is organized around one reportable segment, the development and supply of broadband wireless products and technologies. This is based on the objectives of the business and how our chief operating decision maker, the Chief Executive Officer, monitors operating performance and allocates resources.

Results of Operations

(in thousands)	Year Ended December 31,	
	2021	2020
Revenue	\$ 177,283	\$ 172,955
Cost of revenue	(99,312)	(88,852)
Gross profit	77,971	84,103
Operating expenses:		
Research and development	63,350	52,858
Sales and marketing	33,839	28,738
General and administrative	40,878	16,555
Amortization of intangibles	1,191	1,733
Loss on sale of assets	-	22
Total operating expenses	139,258	99,906
Loss from operations	(61,287)	(15,803)
Interest expense, net	(12,813)	(6,422)
Change in fair value of warrant liability and derivatives, net	4,116	(3,322)
Gain on extinguishment of debt	2,096	-
Other expense, net	(3,328)	(878)
Loss before income taxes	(71,216)	(26,425)
Income tax benefit	690	782
Net loss	\$ (70,526)	\$ (25,643)

Year Ended December 31, 2021 Compared to the Year Ended December 31, 2020

Revenue

Revenue for the above periods is presented below:

(\$ in thousands)	Year Ended December 31,			
	2021	% of Revenue	2020	% of Revenue
Revenue:				
Products and software licenses	\$ 151,172	85%	\$ 134,338	78%
Maintenance, warranty and services	26,111	15%	38,617	22%
Total revenue	<u>\$ 177,283</u>	100%	<u>\$ 172,955</u>	100%

Revenue from products and software licenses of \$151.2 million for the year ended December 31, 2021 increased by \$16.8 million, or 12.5%, from \$134.3 million for the year ended December 31, 2020. This increase was primarily due to increase in sales of products in North America of \$13.4 million primarily from private network, a cable operator and growth in distribution sales. Growth in distribution sales in Latin America and the Middle East and Africa represented \$2.1 million and \$1.9 million, respectively and offset by a decrease in product sales in Asia Pacific of \$0.2 million were offset by a decrease of \$0.4 million of product sales to Europe.

Revenue from maintenance, warranty and services of \$26.1 million for the year ended December 31, 2021 decreased by \$12.5 million, or 32.4%, from \$38.6 million for the year ended December 31, 2020. This decrease was primarily due to the termination of a maintenance and features agreement with a North American customer at the end of the first quarter of 2021 that resulted in revenue of \$8.0 million during the year ended December 31, 2020 that did not recur in the year ended December 31, 2021 and successful completion of time and materials projects in 2020 which resulted in revenue of \$2.9 million for an Asia Pacific customer and \$1.4 million for a European group that did not recur in 2021.

Cost of Revenue

Cost of revenue for the above periods are presented below:

(\$ in thousands)	Year Ended December 31,			
	2021	% of Revenue	2020	% of Revenue
Cost of revenue:				
Products and software licenses	\$ 95,442	54%	\$ 84,375	49%
Maintenance, warranty and services	3,870	2%	4,477	2%
Total cost of revenue	<u>\$ 99,312</u>	56%	<u>\$ 88,852</u>	51%

Cost of revenue from products and software licenses of \$95.4 million for the year ended December 31, 2021 increased by \$11.1 million, or 13.1%, from \$84.4 million for the year ended December 31, 2020. This increase was primarily due to revenue growth, which was impacted by a change in product mix, with most of the growth relating to product sales, which carry lower margins than services. In addition, there has been an increase in indirect costs caused by the worldwide shortage of electronics, component costs, expediting fees and limited availability of cargo space.

Cost of revenue from maintenance, warranty and services of \$3.9 million for the year ended December 31, 2021 decreased by \$0.6 million, or 13.6%, from \$4.5 million for the year ended December 31, 2020 which is attributable to a decrease in revenues from maintenance.

Operating Expenses

Operating expenses for the above periods are presented below:

(\$ in thousands)	Year Ended December 31,			
	2021	% of Revenue	2020	% of Revenue
Operating expenses:				
Research and development	\$ 63,350	36%	\$ 52,858	31%
Sales and marketing	33,839	19%	28,738	17%
General and administrative	40,878	23%	16,555	10%
Amortization of intangibles	1,191	1%	1,733	1%
Loss on sale of assets	—	0%	22	0%
Total operating expenses	<u>\$ 139,258</u>	<u>79%</u>	<u>\$ 99,906</u>	<u>58%</u>

Research and development — Research and development expenses were \$63.4 million for the year ended December 31, 2021, an increase of \$10.5 million, or 19.8%, from \$52.9 million for the year ended December 31, 2020. The increase was primarily due to the MIP payout of \$1.8 million, increased headcount-related expenses of \$6.0 million, share-based compensation expense of \$1.0 million, professional fees of \$0.9 million and additional materials and supplies expense of \$0.8 million.

Sales and marketing — Sales and marketing expenses were \$33.8 million for the year ended December 31, 2021, an increase of \$5.1 million, or 17.8% from \$28.7 million for the year ended December 31, 2020, primarily due to the MIP payout of \$3.3 million, increased headcount-related expenses of \$2.5 million and increased share-based compensation expense of \$1.4 million.

These increases were offset by decreased agent costs of \$1.6 million and decreased other outside services of \$0.3 million.

General and administrative — General and administrative expenses of \$40.9 million for the year ended December 31, 2021 increased by \$24.3 million, or 146.9%, from \$16.6 million for the year ended December 31, 2020. The increase was primarily due to the expenses related to the Business Combination, such as a MIP payout of \$13.4 million, increased share-based compensation expense of \$5.6 million, and increased other outside services of \$5.3 million, which relate mainly to the process of becoming a public company.

Amortization of intangibles — Amortization of intangibles of \$1.2 million for the year ended December 31, 2021 decreased by \$0.5 million, or 31.3%, from \$1.7 million for the year ended December 31, 2020, due to the amortization of trademarks completing.

Non-Operating Expenses

Interest expense, net — Interest expense, net was \$12.8 million for the year ended December 31, 2021, an increase of \$6.4 million from \$6.4 million for the year ended December 31, 2020. The increase was primarily due to a higher average debt outstanding in 2021 compared to 2020, as well as higher interest rates under the Fortress Credit Agreement and Convertible Notes, compared to the credit facility (the “PWB Facility”) with Pacific Western Bank (“PWB”) and Ally Bank (“Ally”) in place for the year ended December 31, 2020.

Change in fair value of warrant liability and derivatives — Change in fair value of warrant liability and derivatives was a gain of \$4.1 million for the year ended December 31, 2021, a change of \$7.4 million from a loss of \$3.3 million for the year ended December 31, 2020. The fluctuation included changes in fair values of derivative liability and warrants of \$5.1 million and \$2.3 million, respectively.

Gain on extinguishment of debt — Gain on extinguishment of debt was \$2.1 million for the year ended December 31, 2021, an increase of \$2.1 million from the year ended December 31, 2020. For the year ended December 31, 2021, we recorded a gain on extinguishment of debt for a Paycheck Protection Program loan of \$2.1 million and the accrued interest of \$23 thousand. No such activity occurred during the year ended December 31, 2020.

Other expense, net — Other expense, net was an expense of \$3.3 million for the year ended December 31, 2021, a change of \$2.4 million from an expense of \$0.9 million for the year ended December 31, 2020. The difference was primarily due to foreign currency losses.

Income tax benefit — Income tax benefit was \$690 thousand for the year ended December 31, 2021, a minimal change from an income tax benefit of \$782 thousand for the year ended December 31, 2020.

Net Loss

We had net loss of \$70.5 million for the year ended December 31, 2021, a change of \$43.8 million compared to net loss of \$26.7 million for the year ended December 31, 2020, due to the same factors described above.

Non-GAAP Financial Measures

Adjusted EBITDA

Adjusted EBITDA for the year ended December 31, 2021 was a loss of \$29.1 million, representing a change of \$19.7 million, or 210.0%, from a loss \$9.4 million for the year ended December 31, 2020. The decrease in Adjusted EBITDA was primarily due to the increase in net loss discussed above and certain higher adjusting items detailed in the table below.

The following table presents the reconciliation of net loss, the most directly comparable GAAP measure, to Adjusted EBITDA:

(\$ in thousands)	Year Ended December 31,	
	2021	2020
Net loss	\$ (70,526)	\$ (25,643)
Adjusted for:		
Interest expense	12,813	6,422
Income tax benefit	(690)	(782)
Depreciation and amortization	4,294	4,640
EBITDA	(54,109)	(15,363)
Share-based compensation expense	10,577	2,643
Change in fair value of warrant liability and derivatives	(7,940)	3,322
Transaction costs allocated to the warrants	3,824	—
Management Incentive Plan expense related to Business Combination	18,513	—
Adjusted EBITDA	\$ (29,135)	\$ (9,398)

Liquidity and Capital Resources

To date, our principal sources of liquidity have been our cash and cash equivalents and cash generated from operations, proceeds from the issuance of long term debt, preferred and common stock, and the sale of certain receivables. Our capital requirements depend on a number of factors, including sales, the extent of our spending on research and development, expansion of sales and marketing activities and market adoption of our products and services.

We had \$157.2 million of current assets and \$73.6 million of current liabilities at December 31, 2021. During the year ended December 31, 2021, we used \$66.7 million in cash flows from operating activities, primarily from the collection of our outstanding accounts receivables. We are investing heavily in 5G research and development and expect to use cash from operations during the remainder of 2022 to fund research and development activities. Cash on hand and the available borrowing capacity under the Fortress Credit Agreement may not allow us to meet our forecasted cash requirements.

Days sales outstanding (“DSO”) is a measurement of the time it takes to collect receivables. DSO is calculated by dividing accounts receivable, net as of the end of the quarter by the average daily revenue for the quarter. Average daily revenue for the quarter is calculated by dividing the quarterly revenue by ninety days. All customer accounts are actively managed, and no losses in excess of amounts reserved are currently expected. We are also actively evaluating the potential negative impact of COVID-19 on our customers’ ability to pay our accounts receivable. DSO can fluctuate due to the timing and nature of contracts, as well as the payment terms of individual customers. DSO was 104 days and 78 days as of December 31, 2021 and 2020, respectively. The increase in DSO as of December 31, 2021 is attributable to an increase in the balance of accounts receivable and higher sales to customers with longer average payment terms. Notwithstanding the DSO of 104 and 78 days as of December 31, 2021 and 2020, respectively, our accounts receivable were \$58.0 million and \$70.6 million due to high sales volumes in the fourth quarters of each respective year.

During 2020, we and four of our wholly-owned subsidiaries had the PWB Facility with PWB and Ally. Under the PWB Facility, we could borrow up to \$45 million, subject to compliance with certain covenants. (See Note 11 of the notes to the audited consolidated financial statements included in this Annual Report on Form 10-K.) In addition to the PWB Facility, we had an aggregate of \$39.0 million of subordinated debt with two other lenders. (See Notes 9 and 10 of the notes to the audited consolidated financial statements included in this Annual Report on Form 10-K.)

During 2020, we entered into several amendments to the PWB Facility. These amendments modified the financial and funding covenants and extended the due date for the audited consolidated financial statements. The PWB Facility was extended to mature on December 31, 2020. On December 30, 2020, Fortress and certain other lenders purchased the outstanding indebtedness under the PWB Facility. Fortress replaced PWB as administrative agent and collateral agent under the facility. On the same date, Fortress, the other lenders party thereto, we and certain of our subsidiaries modified the terms of such indebtedness by amending and restating the existing credit agreement, including an extension of the maturity date.

On August 6, 2015, we issued Golden Wayford Limited a \$10.0 million subordinated Convertible Note Promissory Note (the “Golden Wayford Note”) pursuant to a subordinated convertible note purchase agreement, also dated August 6, 2015. The Golden Wayford Note, in the amount of \$9.0 million plus interest, matured on June 30, 2020. We were not able to agree to an extended maturity date and the Golden Wayford Note remained outstanding as of December 31, 2020 and in default under the terms of the arrangement. We were granted a limited waiver under the Fortress Credit Agreement which waives each actual and prospective default and event of default existing under the Fortress Credit Agreement directly as a result of the non-payment of the Golden Wayford Note for so long as the Golden Wayford Note remains in effect. The waiver is limited to the actual and prospective defaults under the Fortress Credit Agreement as they existed on December 30, 2020 and not to any other change in facts or circumstances occurring after December 30, 2020. The waiver does not restrict Fortress from exercising any rights or remedies they may have with respect to any other default or event of default under the Fortress Credit Agreement or the related loan documents.

On December 30, 2020, we and each of our subsidiaries (other than Dense Air Limited or any of its subsidiaries) as guarantors, entered into the Fortress Credit Agreement with Fortress. At Closing, on August 13, 2021, the Company, Legacy Airspan and certain of our subsidiaries who are party to the Fortress Credit Agreement entered into a Waiver and Consent, Second Amendment, Restatement, Joinder and Omnibus Amendment to Credit Agreement and Other Loan Documents relating to the Fortress Credit Agreement with Fortress (the “August 2021 Fortress Amendment”) to, among other things, add the Company as a guarantor, recognize and account for the Business Combination, recognize and account for the Convertible Notes and provide updated procedures for replacement of LIBOR. As of December 31, 2021, we were not in compliance with all applicable covenants under the Fortress Credit Agreement; however, we were granted a waiver from compliance for these covenants as of December 31, 2021. On March 29, 2022, the Company, Legacy Airspan and certain of our subsidiaries who are party to the Fortress Credit Agreement entered into the March 2022 Fortress Amendment to, among other things, amend the financial covenants included in the Fortress Credit Agreement. See Note 9 and Note 11 of the notes to the audited consolidated financial statements included in this Annual Report on Form 10-K for further discussion on this agreement.

On August 13, 2021, we closed the Business Combination. In connection with the Closing, we issued 7,500,000 shares of Common Stock to the PIPE Investors, at a price of \$10.00 per share, for aggregate consideration of \$75.0 million, and \$50.0 million in aggregate principal amount of Convertible Notes.

As of December 31, 2021, we had commitments with our main subcontract manufacturers under various purchase orders and forecast arrangements of \$70.9 million, the majority of which have expected delivery dates during the first six months of 2022.

As of the date of this Annual Report on Form 10-K, we believe our existing cash resources are sufficient to fund the cash needs of our business for at least the next 12 months.

Cash Flows

The following table summarizes the changes to our cash flows for the periods presented:

(in thousands)	For the Years Ended December 31,	
	2021	2020
Net cash used in operating activities	\$ (66,685)	\$ (20,367)
Net cash used in investing activities	(6,033)	(2,226)
Net cash provided by financing activities	117,222	38,198
Net increase in cash, cash equivalents and restricted cash	44,504	15,605
Cash, cash equivalents and restricted cash, beginning of period	18,618	3,013
Cash, cash equivalents and restricted cash, end of period	<u>\$ 63,122</u>	<u>\$ 18,618</u>

Operating Activities

Net cash used in operating activities was \$66.7 million for the year ended December 31, 2021, a change of \$46.3 million from net cash used in operating activities of \$20.4 million for the year ended December 31, 2020. The increase is a result of \$0.4 million less generated from working capital, \$43.7 million less from results of our operations and a \$2.2 million decrease in non-cash adjustments.

Investing Activities

Net cash used in investing activities was \$6.0 million for the year ended December 31, 2021, an increase of \$3.8 million from \$2.2 million for the year ended December 31, 2020 due to higher purchases of property and equipment.

Financing Activities

Net cash provided by financing activities was \$117.2 million for the year ended December 31, 2021. This included \$115.5 million of net proceeds from the Business Combination, \$0.6 million of net proceeds from the sale of Legacy Airspan Series H senior preferred stock and issuance of warrants to purchase Legacy Airspan Series H senior preferred stock, and \$1.1 million of proceeds from the exercise of stock options.

Net cash provided by financing activities was \$38.2 million for the year ended December 31, 2020. This included \$32.1 million of proceeds from the sale of Legacy Airspan Series G and Series H senior preferred stock and warrants, \$8.1 million of borrowings under the senior term loan and other long term debt, net of \$2.0 million of repayments under the line of credit.

Critical Accounting Estimates

Our consolidated financial statements are prepared in accordance with GAAP. The preparation of these financial statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. On an on-going basis, we evaluate the effectiveness of our estimates and judgments, including those related to revenue recognition, allowance for doubtful accounts, intangible assets, net, impairment of long-lived assets, preferred stock warrants, share-based compensation and income taxes.

We base our estimates and judgments on historical experience and on various other factors that we believe to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions and may change as future events occur.

We believe the following critical accounting policies are dependent on significant estimates used in the preparation of our consolidated financial statements.

Goodwill

Goodwill is the result of a business combination that occurred in 2018 (See Note 7 of the notes to the audited consolidated financial statements included in this Annual Report on Form 10-K). Goodwill is recorded as the difference, if any, between the aggregate consideration paid for an acquisition and the fair value of the net tangible assets and other intangible assets acquired. Goodwill is not amortized; however, it is assessed for impairment at least annually, or more frequently if triggering events occur. Our annual assessment date is December 1. For purposes of the annual assessment, management initially performs a qualitative assessment, which includes consideration of the economic, industry and market conditions in addition to our overall financial performance and the performance of these assets. If our qualitative assessment does not conclude that it is more likely than not that the estimated fair value of the reporting unit is greater than the carrying value, we perform a quantitative analysis. In a quantitative test, the fair value of a reporting unit is determined based on a combination of a discounted cash flow analysis and the guideline company approach. A discounted cash flow analysis requires us to make various assumptions, including assumptions about future cash flows, growth rates and discount rates. The guideline company method develops valuation multiples by comparing our reporting units to similar publicly traded companies. Key valuation assumptions used in determining the fair value estimates of our reporting units rely on: (a) the selection of similar companies; and (b) the selection of valuation multiples as they apply to the reporting unit characteristics. The assumptions about future cash flows and growth rates are based on our long-term projections. Assumptions used in our impairment testing are consistent with our internal forecasts and operating plans. If the fair value of the reporting unit exceeds its carrying amount, there is no impairment. If not, we recognize an impairment equal to the difference between the carrying amount of the reporting unit and its fair value, not to exceed the carrying amount of goodwill.

For the annual assessment in 2021, we bypassed the optional qualitative impairment assessment (step zero) and performed a quantitative assessment. Based on the results of the quantitative assessment performed, the fair value of the reporting unit exceeded its carrying amount. For the annual assessment in 2020, there were no indicators of impairment noted. Accordingly, no impairment charges related to goodwill were recognized during all periods presented in the consolidated financial statements.

Share-based compensation

We apply ASC 718, *Share-based Payments*. ASC 718 requires awards classified as equity awards to be accounted for using the estimated grant date fair value. The value of the portion of the award that is ultimately expected to vest is recognized as an expense in the consolidated statements of operations over the requisite service periods. Share-based compensation expense recognized in the consolidated statements of operations includes compensation expense for share-based awards granted based on the estimated grant date fair value. Because share-based compensation expense is based on awards that are ultimately expected to vest, share-based compensation expense has been reduced to account for estimated forfeitures. Forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates.

We determine the fair value of stock options using the Black-Scholes option pricing model, which is impacted by the following assumptions:

- *Fair Value of Common Stock* - To determine the grant date fair value of our Common Stock, we use the closing market price of our Common Stock at the grant date.
- *Expected Term* - Expected term is estimated based on our prior five years of historical data regarding expired, forfeited or if applicable, exercise behavior.
- *Expected Volatility* - Since we have limited historical basis for determining our own volatility, the expected volatility assumption was based on the average historical volatility of a representative peer group, which includes consideration of the peer company's industry, market capitalization, state of life cycle and capital structure.
- *Expected Dividend Yield* - The dividend yield assumption is based on our history and our expectation of no dividend payouts.
- *Risk-Free Interest Rate* - The risk-free interest rate assumption is based upon observed interest rates appropriate for an equivalent remaining term equal to the expected life of the award.

Common Stock Warrants and Post-Combination Warrants

We evaluated the Public Warrants and private placement warrants (the "Private Placement Warrants" and, together with the Public Warrants, the "Common Stock Warrants") issued in connection with the IPO and the Post-Combination Warrants under ASC 815-40, *Derivatives and Hedging-Contracts in Entity's Own Equity* ("ASC 815-40"), and concluded they do not meet the criteria to be classified in stockholders' equity. Since the Common Stock Warrants and Post-Combination Warrants meet the definition of a derivative under ASC 815-40, we record these warrants as liabilities on the consolidated balance sheets within other long-term liabilities and measures these warrants at fair value at each reporting period date, with changes in their respective fair values recognized in other expense, net within the consolidated statements of operations. We used the Black-Scholes model to estimate the fair value of the Private Placement Warrants and a Monte Carlo simulation to estimate the fair value of the Post-Combination Warrants. The main assumptions used in these models were: stock price, exercise price, risk free rate, expected volatility and dividend yield.

Convertible Notes

We account for the embedded derivatives at fair value under ASC 815, *Derivatives and Hedging* (“ASC 815”). Under ASC 815, an embedded feature in a debt instrument that meets the definition of a derivative is fair valued at issuance and remeasured at each reporting period with changes in fair value recognized in earnings.

We evaluated the guidance in ASC 815 and concluded the conversion option is not considered indexed to our own stock. As a result, the redemption feature and conversion option were bifurcated from the Convertible Notes and are separately measured at fair value at each reporting period within other long-term liabilities in the consolidated balance sheets with changes in their respective fair values recognized in other expense, net within the consolidated statements of operations.

We utilized a binomial model to estimate the fair value of the embedded derivative features requiring bifurcation associated with the Convertible Notes payable at issuance date and as of the December 30, 2021 reporting date. The key inputs to the valuation models that were utilized to estimate the fair value of the convertible debt derivative liabilities include: stock price, conversion strike price, volatility, dividend yield, risk free rate, debt discount rate, coupon interest rate, face amount and the probability of fundamental change.

Income taxes

We account for income taxes in accordance with ASC 740, *Accounting for Income Taxes*, as clarified by ASC 740-10, *Accounting for Uncertainty in Income Taxes*. Under this method, deferred income taxes are determined based on the estimated future tax effects of differences between the financial statement and tax basis of assets and liabilities given the provisions of enacted tax laws. Deferred income tax provisions and benefits are based on changes to the assets or liabilities from year to year. In providing for deferred taxes, we consider tax regulations of the jurisdictions in which we operate, estimates of future taxable income and available tax planning strategies. If tax regulations, operating results or the ability to implement tax planning strategies vary, adjustments to the carrying value of deferred tax assets and liabilities may be required. Valuation allowances are recorded related to deferred tax assets based on the “more likely than not” criteria of ASC 740.

ASC 740-10 requires that we recognize the financial statement benefit of a tax position only after determining that the relevant tax authority would more likely than not sustain the position following an audit. For tax positions meeting the “more-likely-than-not” threshold, the amount recognized in the consolidated financial statements is the largest benefit that has a greater than 50 percent likelihood of being realized upon ultimate settlement with the relevant tax authorities. We do not have any other material uncertain tax positions. We recognize interest accrued related to unrecognized tax benefits, if any, in interest expense and penalties in operating expenses.

Recent Accounting Pronouncements

Refer to Note 2 of our audited consolidated financial statements included in this Annual Report on Form 10-K for further information on accounting pronouncements.

JOBS Act

The JOBS Act contains provisions that, among other things, relax certain reporting requirements for qualifying public companies. We qualify as an “emerging growth company” and under the JOBS Act are allowed to comply with new or revised accounting pronouncements based on the effective date for private (not publicly traded) companies. We are electing to delay the adoption of new or revised accounting standards, and as a result, we may not comply with new or revised accounting standards on the relevant dates on which adoption of such standards is required for non-emerging growth companies. As a result, the financial statements may not be comparable to companies that comply with new or revised accounting pronouncements as of public company effective dates.

Additionally, we have chosen to rely on certain reduced reporting requirements applicable to emerging growth companies, including, among other things, we are not required to (i) provide an auditor’s attestation report on our system of internal controls over financial reporting pursuant to Section 404, (ii) provide all of the compensation disclosure that may be required of non-emerging growth public companies under the Dodd-Frank Wall Street Reform and Consumer Protection Act, (iii) comply with any requirement that may be adopted by the Public Company Accounting Oversight Board regarding mandatory audit firm rotation or a supplement to the auditor’s report providing additional information about the audit and the financial statements (auditor discussion and analysis) and (iv) disclose certain executive compensation related items such as the correlation between executive compensation and performance and comparisons of the Chief Executive Officer’s compensation to median employee compensation. These exemptions will apply for a period of five years following the completion of New Beginnings’ initial public offering or until we are no longer an “emerging growth company,” whichever is earlier.

We will remain an “emerging growth company” under the JOBS Act until the earliest of: (i) the last day of the fiscal year (a) following the fifth anniversary of the closing of New Beginnings’ initial public offering, (b) in which we have total annual gross revenue of at least \$1.07 billion, or (c) when we are deemed to be a “large accelerated filer” under the Exchange Act, which would occur if the market value of our common equity held by non-affiliates exceeds \$700.0 million as of the last business day of our most recently completed second fiscal quarter; or (ii) the date on which we have issued more than \$1.0 billion in non-convertible debt securities during the prior three-year period.

Item 7A. Quantitative and Qualitative Disclosures About Market Risk.

We are a smaller reporting company as defined in Rule 12b-2 of the Exchange Act and are not required to provide the information under this item.

Item 8. Financial Statements and Supplementary Data.

AIRSPAN NETWORKS HOLDINGS INC.

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All other financial statement schedules for Airspan Networks Holdings Inc. have been omitted because they are not applicable, or because the information required is included in the respective consolidated financial statements or notes thereto.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Board of Directors and Shareholders
Airspan Networks Holdings Inc.

Opinion on the financial statements

We have audited the accompanying consolidated balance sheets of Airspan Networks Holdings Inc. (a Delaware corporation) and subsidiaries (the “Company”) as of December 31, 2021 and 2020, the related consolidated statements of operations, changes in stockholders’ deficit, and cash flows for each of the two years in the period ended December 31, 2021, and the related notes (collectively referred to as the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2021 and 2020, and the results of its operations and its cash flows for each of the two years in the period ended December 31, 2021, in conformity with accounting principles generally accepted in the United States of America.

Basis for opinion

These financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ GRANT THORNTON LLP

We have served as the Company’s auditor since 2005.

Fort Lauderdale, Florida
April 8, 2022

AIRSPAN NETWORKS HOLDINGS INC.
CONSOLIDATED BALANCE SHEETS
(in thousands, except for share data)

	December 31,	
	2021	2020
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 62,937	\$ 18,196
Restricted cash	185	422
Accounts receivable, net of allowance of \$309 and \$374 at December 31, 2021 and 2020, respectively	57,980	70,621
Inventory	17,217	12,019
Prepaid expenses and other current assets	18,833	8,602
Total current assets	157,152	109,860
Property, plant and equipment, net	7,741	4,833
Goodwill	13,641	13,641
Intangible assets, net	6,438	7,629
Right-of-use assets, net	6,585	7,882
Other non-current assets	3,942	3,837
Total assets	<u>\$ 195,499</u>	<u>\$ 147,682</u>
LIABILITIES AND STOCKHOLDERS' DEFICIT		
Current liabilities:		
Accounts payable	\$ 29,709	\$ 36,849
Deferred revenue	2,902	7,521
Other accrued expenses	26,967	22,538
Senior term loan, current portion	3,187	—
Subordinated debt	10,577	10,065
Current portion of long-term debt	275	298
Total current liabilities	73,617	77,271
Long-term debt	—	2,087
Subordinated term loan - related party	37,991	34,756
Senior term loan	37,876	36,834
Convertible debt	41,343	—
Other long-term liabilities	20,924	17,147
Total liabilities	211,751	168,095
Commitments and contingencies (Note 15)		
Stockholders' deficit:		
Common stock, \$0.0001 par value; 250,000,000 shares authorized; 72,335,952 and 59,710,047 shares issued and outstanding at December 31, 2021 and 2020, respectively	7	6
Additional paid-in capital	749,592	674,906
Accumulated deficit	(765,851)	(695,325)
Total stockholders' deficit	(16,252)	(20,413)
Total liabilities and stockholders' deficit	<u>\$ 195,499</u>	<u>\$ 147,682</u>

The accompanying notes are an integral part of these consolidated financial statements.

AIRSPAN NETWORKS HOLDINGS INC.
CONSOLIDATED STATEMENTS OF OPERATIONS
(in thousands, except for share data)

	Year Ended December 31,	
	2021	2020
Revenues:		
Products and software licenses	\$ 151,172	\$ 134,338
Maintenance, warranty and services	26,111	38,617
Total revenues	<u>177,283</u>	<u>172,955</u>
Cost of revenues:		
Products and software licenses	95,442	84,375
Maintenance, warranty and services	3,870	4,477
Total cost of revenues	<u>99,312</u>	<u>88,852</u>
Gross profit	77,971	84,103
Operating expenses:		
Research and development	63,350	52,858
Sales and marketing	33,839	28,738
General and administrative	40,878	16,555
Amortization of intangibles	1,191	1,733
Loss on sale of assets	—	22
Total operating expenses	<u>139,258</u>	<u>99,906</u>
Loss from operations	(61,287)	(15,803)
Interest expense, net	(12,813)	(6,422)
Change in fair value of warrant liability and derivatives, net	4,116	(3,322)
Gain on extinguishment of debt	2,096	—
Other expense, net	<u>(3,328)</u>	<u>(878)</u>
Loss before income taxes	(71,216)	(26,425)
Income tax benefit	690	782
Net loss	<u>\$ (70,526)</u>	<u>\$ (25,643)</u>
Loss per share - basic and diluted	<u>\$ (1.09)</u>	<u>\$ (0.43)</u>
Weighted average shares outstanding - basic and diluted	<u>64,509,718</u>	<u>59,710,047</u>

The accompanying notes are an integral part of these consolidated financial statements.

AIRSPAN NETWORKS INC.
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' DEFICIT
(in thousands, except for share data)

	Convertible Preferred Stock													Total	Total
	Series B Shares	Series B-1 Shares	Series C Shares	Series C-1 Shares	Series D Shares	Series D-1 Shares	Series D-2 Shares	Series E Shares	Series E-1 Shares	Series F Shares	Series F-1 Shares	Series G Shares	Series H Shares	Shares	Mezzanine Equity
Balance at December 31, 2019 (as previously reported)	72,123	—	416,667	—	1,450,993	325,203	—	615,231	393,511	352,076	46,325	—	—	3,672,129	\$ 309,923
Retrospective application of the recapitalization due to the Business Combination (Note 3)	(72,123)	—	(416,667)	—	(1,450,993)	(325,203)	—	(615,231)	(393,511)	(352,076)	(46,325)	—	—	(3,672,129)	\$ (309,923)
Balance at December 31, 2019 (effect of Business Combination)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$ —
Balance at December 31, 2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$ —
Balance at December 31, 2021	—	—	—	—	—	—	—	—	—	—	—	—	—	—	\$ —

The accompanying notes are an integral part of these consolidated financial statements.

AIRSPAN NETWORKS HOLDINGS INC.
STATEMENTS OF CHANGES IN STOCKHOLDERS' DEFICIT (CONTINUED)
(in thousands, except for share data)

	Legacy Airspan Common Stock			Common Stock		Additional	Accumulated	Total
	Common Shares	Common B Shares	Par Value	Shares	Amount	Paid-In Capital	Deficit	
Balance at December 31, 2019 (as previously reported)	202,582	466,952	\$ —	—	\$ —	\$ 308,788	\$ (669,682)	\$ (360,894)
Retrospective application of the recapitalization due to the Business Combination (Note 3)	(202,582)	(466,952)	—	59,710,047	6	363,475	—	363,481
Balance at December 31, 2019, effect of Business Combination (Note 3)	—	—	\$ —	59,710,047	\$ 6	\$ 672,263	\$ (669,682)	\$ 2,587
Net loss	—	—	—	—	—	—	(25,643)	(25,643)
Share-based compensation expense	—	—	—	—	—	2,643	—	2,643
Balance at December 31, 2020	—	—	\$ —	59,710,047	\$ 6	\$ 674,906	\$ (695,325)	\$ (20,413)
Net loss	—	—	—	—	—	—	(70,526)	(70,526)
Issuance of Series H preferred stock and warrants, net of issuance costs	—	—	—	—	—	647	—	647
Exercise of common stock options	—	—	—	327,954	—	1,074	—	1,074
Extinguishment of pre- combination warrant liability in connection with the Reverse Recapitalization	—	—	—	—	—	10,291	—	10,291
Business Combination and PIPE financing, net of redemptions and equity issuance costs of \$27.0 million	—	—	—	12,297,951	1	52,097	—	52,098
Share-based compensation expense	—	—	—	—	—	10,577	—	10,577
Balance at December 31, 2021	—	—	\$ —	72,335,952	\$ 7	\$ 749,592	\$ (765,851)	\$ (16,252)

The accompanying notes are an integral part of these consolidated financial statements.

AIRSPAN NETWORKS HOLDINGS INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands)

	Year Ended December 31,	
	2021	2020
Cash flows from operating activities:		
Net loss	\$ (70,526)	\$ (25,643)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	4,294	4,640
Foreign exchange (gain) loss on long-term debt	(14)	26
Gain on extinguishment of debt	(2,096)	—
Change in fair value of warrants and derivatives	(7,940)	—
Share-based compensation expense	10,577	2,643
Loss on disposal of property, plant and equipment	22	3
Bad debt expense	289	5
Total adjustments	5,132	7,317
Changes in operating assets and liabilities:		
Decrease (increase) in accounts receivable	12,352	(30,345)
(Increase) decrease in inventory	(5,198)	5,123
Decrease in prepaid expenses and other current assets	(6,547)	(517)
Increase in other operating assets	(105)	(380)
(Decrease) increase in accounts payable	(10,790)	12,012
Increase in deferred revenue	(4,619)	(2,514)
Increase in other accrued expenses	4,429	5,104
Increase in other long-term liabilities	616	5,889
Increase in accrued interest on long-term debt	8,571	3,587
Net cash used in operating activities	(66,685)	(20,367)
Cash flows from investing activities:		
Purchase of property, plant and equipment	(6,033)	(2,226)
Net cash used in investing activities	(6,033)	(2,226)
Cash flows from financing activities:		
Repayments of line of credit, net	—	(1,993)
Borrowings under senior term loan	—	6,005
Borrowings under other long-term debt	—	2,073
Proceeds from the Business Combination, issuance of convertible debt and PIPE financing, net of issuance costs paid	115,501	—
Proceeds from the exercise of stock options	1,074	—
Proceeds from the sale of Series G stock, net	—	21,913
Proceeds from the sale of Series H stock, net	505	8,074
Proceeds from the issuance of Series H warrants	142	2,126
Net cash provided by financing activities	117,222	38,198
Net increase in cash, cash equivalents and restricted cash	44,504	15,605
Cash, cash equivalents and restricted cash, beginning of year	18,618	3,013
Cash, cash equivalents and restricted cash, end of year	\$ 63,122	\$ 18,618

The accompanying notes are an integral part of these consolidated financial statements.

AIRSPAN NETWORKS HOLDINGS INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS (CONTINUED)
(in thousands)

	Year Ended December 31,	
	2021	2020
Supplemental disclosures of cash flow information		
Cash paid for interest	\$ (12,809)	\$ (6,363)
Cash paid for income taxes, net of cash received from R&D tax credit refunds	\$ (73)	\$ —
Cash received from R&D tax credit refunds, net of cash paid for income taxes	\$ —	\$ 241
Operating cash flows from operating leases	\$ (3,006)	\$ (2,857)
Lease liability obtained in exchange for obtaining right-of-use assets	\$ 796	\$ —
Supplemental disclosure of non-cash financing activities:		
Reclassification of redeemable convertible preferred stock warrants to additional paid-in capital	\$ 10,291	\$ —
Non-cash net liabilities assumed from business combination	\$ 38	\$ —
Issuance of preferred stock upon conversion of debt	\$ —	\$ 23,571
Conversion of debt to preferred stock	\$ —	\$ (23,571)
Assignment of line of credit to new lender under Senior term loan	\$ —	\$ 32,940

The accompanying notes are an integral part of these consolidated financial statements.

AIRSPAN NETWORKS HOLDINGS INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. BUSINESS AND BASIS OF PRESENTATION

Business

On August 13, 2021 (the “Closing”), Airspan Networks Holdings Inc. (formerly New Beginnings Acquisition Corp.) (the “Company”) consummated its previously announced business combination transaction (the “Business Combination”) pursuant to the business combination agreement (the “Business Combination Agreement”), dated March 8, 2021, by and among the Company, Artemis Merger Sub Corp., a Delaware corporation and wholly-owned direct subsidiary of the Company (“Merger Sub”), and Airspan Networks Inc., a Delaware corporation (“Legacy Airspan”) (See Note 3). In connection with the Closing of the Business Combination, the Company changed its name to Airspan Networks Holdings Inc. Unless the context otherwise requires, references to “Airspan”, the “Company”, “us”, “we”, “our” and any related terms prior to the Closing of the Business Combination are intended to mean Legacy Airspan and its consolidated subsidiaries, and after the Closing of the Business Combination, Airspan Networks Holdings Inc. and its consolidated subsidiaries. In addition, unless the context otherwise requires, references to “New Beginnings” and “NBA” are references to New Beginnings Acquisition Corp., the Company’s name prior to the Closing.

The Company designs and produces wireless network equipment for 4G and 5G networks for both mainstream public telecommunications service providers and private network implementations. Airspan provides Radio Access Network (“RAN”) products based on Open Virtualized Cloud Native Architectures, that support technologies including 5G new radio (“5G NR”) and Long-Term Evolution (“LTE”), and Fixed Wireless standards, operating in licensed, lightly-licensed and unlicensed frequencies.

The market for the Company’s wireless systems includes mobile carriers, other public network operators and private and government network operators for command and control in industrial and public safety applications such as smart utilities, defense, transportation, mining and oil and gas. The Company’s strategy applies the same network technology across all addressable sectors.

The Company’s main operations are in Slough, United Kingdom (“U.K.”); Mumbai and Bangalore, India; Tokyo, Japan; Airport City, Israel; Santa Clara, California; and the Company’s corporate headquarters are in the United States (“U.S.”) in Boca Raton, Florida.

Basis of Presentation and Principles of Consolidation

The accompanying financial statements include the accounts of the Company, its wholly-owned subsidiaries and Airspan IP Holdco LLC (“Holdco”) – 99.8% owned by Airspan. Non-controlling interest in the results of operations of consolidated subsidiaries represents the minority stockholders’ share of the profit or loss of Holdco. The non-controlling interest in net assets of this subsidiary, and the net income or loss attributable to the non-controlling interest, were not recorded by the Company as they are considered immaterial. All significant inter-company balances and transactions have been eliminated in consolidation. The accompanying consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (“GAAP”).

The Company accounts for its investment in a wholly-owned subsidiary, Dense Air Ltd. (“Dense Air”), as an equity method investment. (See Note 23).

Liquidity

The Company has historically incurred losses from operations. In the past, these losses have been financed through cash on hand, or capital raising activities, including borrowings or the sale of newly issued shares.

The Company had \$157.2 million of current assets and \$73.6 million of current liabilities at December 31, 2021. During the year ended December 31, 2021, the Company used \$66.7 million in cash flow from operating activities. The Company is investing heavily in 5G research and development, and the Company expects to continue to use cash from operations through the year ended December 31, 2022 and the first half of 2023. Cash on hand and borrowing capacity under our Assignment Agreement, Resignation and Assignment Agreement and Credit Agreement (the “Fortress Credit Agreement”) with DBFIP ANI LLC (“Fortress”) (see Notes 9 and 11) may not allow the Company to reasonably expect to meet its forecasted cash requirements.

Going concern

The accompanying consolidated financial statements have been prepared and are presented assuming the Company's ability to continue as a going concern. As discussed in Notes 11 and 12, the Company's senior term loan and Convertible Notes require certain prospective financial covenants to be met. The Company's business plan for 2022 contemplates increased revenue and reduced operating losses to achieve satisfaction of the financial covenants. Given the continued uncertainty in the global markets, in the event that the Company was unable to achieve these prospective covenants, the Company's senior term loan (see Note 11), Convertible Notes (see Note 12) and the subordinated term loan (see Note 10) could become due prior to the maturity date. As of December 31, 2021, the Company was not in compliance with the respective covenants of both the Convertible Notes and senior term loan; however, the Company was granted a waiver from compliance for these covenants as of December 31, 2021.

In order to address the need to satisfy the Company's continuing obligations and realize its long-term strategy, management has taken several steps and is considering additional actions to improve its operating and financial results, which the Company expects will be sufficient to meet the prospective covenants of the Company's Convertible Notes and senior term loan and provide the ability to continue as a going concern, including the following:

- focusing the Company's efforts to increase sales in additional geographic markets;
- continuing to develop 5G product offerings that will expand the market for the Company's products; and
- continuing to evaluate and implement cost reduction initiatives to reduce non-strategic costs in operations and expand the Company's labor force in lower cost geographies.

COVID-19 Update

The spread of COVID-19, a novel strain of coronavirus, has and continues to alter the behavior of business and people in a manner that is having negative effects on local, regional and global economies. The COVID-19 pandemic continues to have an impact with short-term disruptions on our supply chains, as governments take robust actions to minimize the spread of localized COVID-19 outbreaks. The continued impact on our supply chains has caused delayed production and fulfillment of customer orders, disruptions and delays of logistics and increased logistic costs. As a further consequence of the COVID-19 pandemic, component lead times have extended as demand outstrips supply on certain components, including semiconductors, and has caused the costs of components to increase. These extended lead times have caused us to extend our forecast horizon with our contract manufacturing partners and have increased the risk of supply delays. The Company cannot at this time accurately predict what effects, or their extent, the coronavirus outbreak will have on its 2022 operating results, due to uncertainties relating to the ultimate geographic spread of the virus, the severity of the disease, the duration of the outbreak, component shortages and increased component costs, the length of voluntary business closures, and governmental actions taken in response to the outbreak. More generally, the widespread health crisis has and may continue to adversely affect the global economy, resulting in an economic downturn that could affect demand for our products and therefore impact the Company's results.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Use of estimates

The preparation of consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. Actual results could differ from those estimates.

Cash and cash equivalents and restricted cash

The Company considers all highly liquid investments with an original maturity, or remaining maturity when acquired, of three months or less to be cash equivalents. Cash and cash equivalents are all maintained in bank accounts.

The following table provides a reconciliation of cash, cash equivalents and restricted cash reported on the consolidated balance sheets that sum to the total of the same such amounts shown in the consolidated statements of cash flows (in thousands):

	December 31,	
	2021	2020
Cash and cash equivalents	\$ 62,937	\$ 18,196
Restricted cash	185	422
Total cash, cash equivalents and restricted cash shown in the statement of cash flows	<u>\$ 63,122</u>	<u>\$ 18,618</u>

Restricted cash consists of cash on deposit and cash pledged as collateral to secure the guarantees described in Note 11. The cash on deposit balance reflects the remaining balance available of the senior term loan (see Note 11) that is solely for the purpose of financing the manufacture of products for a specific customer's network. Restricted cash balances were as follows (in thousands):

	December 31,	
	2021	2020
Customer and supplier guarantees	\$ 175	\$ 298
Landlord guarantees	10	124
Total	<u>\$ 185</u>	<u>\$ 422</u>

Accounts receivable

Accounts receivable represent receivables from customers in the ordinary course of business. These are recorded at the invoiced amount and do not bear interest. Receivables are recorded net of the allowance for doubtful accounts in the accompanying consolidated balance sheets. The Company evaluates the collectability of its accounts receivable based on a combination of factors, such as historical experience, credit quality, country risk, current level of business, age of the accounts receivable and current economic conditions. The Company regularly analyzes its customer accounts overdue more than 90 days, and when it becomes aware of a specific customer's inability to meet its financial obligations, the Company records a specific allowance to reduce the related receivable to the amount it reasonably believes to be collectible. When collection efforts cease or collection is considered remote, the account and related allowance are written off.

There were no sales of accounts receivable during the year ended December 31, 2021. During the year ended December 31, 2020, the Company sold certain accounts receivable balances that had a carrying value of approximately \$11.5 million to an unrelated third party. The transfers were accounted for as sales, and the Company has no continuing involvement with the transferred assets. During 2020, the Company recorded losses of \$22.0 thousand related to these sale transactions, which represents the difference between the receivable carrying amount and cash received. These losses are included in loss on sale of assets in the accompanying consolidated statements of operations.

Inventory

Inventory is stated at the lower of cost or net realizable value under the average cost method. Cost includes all costs incurred in bringing each product to its present location and condition. We record inventory write-downs to net realizable value through an allowance for obsolete and slow-moving items based on inventory turnover trends and historical experience.

Property, plant and equipment

Property, plant and equipment are stated at cost, less accumulated depreciation. The costs of additions and betterments that substantially extend the useful life of an asset are capitalized and the expenditures for ordinary repairs and maintenance are expensed in the period incurred as part of general and administrative expenses in the consolidated statements of operations. Depreciation is provided on all tangible fixed assets at rates calculated to write off the cost, less estimated residual value, based on prices prevailing at the date of acquisition of each asset evenly over its expected useful life, as follows:

- Plant, machinery and equipment — over 2 to 5 years
- Furniture and fixtures — over 4 to 5 years
- Leasehold improvements — over lesser of the minimum lease term or the useful life

Goodwill

Goodwill is the result of a business combination that occurred in 2018 (See Note 7). Goodwill is recorded as the difference, if any, between the aggregate consideration paid for an acquisition and the fair value of the net tangible assets and other intangible assets acquired. Goodwill is not amortized; however, it is assessed for impairment at least annually, or more frequently if triggering events occur. The Company's annual assessment date is December 1. For purposes of the annual assessment, management initially performs a qualitative assessment, which includes consideration of the economic, industry and market conditions in addition to our overall financial performance and the performance of these assets. If our qualitative assessment does not conclude that it is more likely than not that the estimated fair value of the reporting unit is greater than the carrying value, we perform a quantitative analysis. In a quantitative test, the fair value of a reporting unit is determined based on a combination of a discounted cash flow analysis and the guideline company approach. A discounted cash flow analysis requires us to make various assumptions, including assumptions about future cash flows, growth rates and discount rates. The guideline company method develops valuation multiples by comparing the Company's reporting units to similar publicly traded companies. Key valuation assumptions used in determining the fair value estimates of the Company's reporting units rely on: (a) the selection of similar companies; and (b) the selection of valuation multiples as they apply to the reporting unit characteristics. The assumptions about future cash flows and growth rates are based on our long-term projections. Assumptions used in our impairment testing are consistent with our internal forecasts and operating plans. If the fair value of the reporting unit exceeds its carrying amount, there is no impairment. If not, we recognize an impairment equal to the difference between the carrying amount of the reporting unit and its fair value, not to exceed the carrying amount of goodwill.

For the annual assessment in 2021, the Company bypassed the optional qualitative impairment assessment (step zero) and performed a quantitative assessment. Based on the results of the quantitative assessment performed, the fair value of the reporting unit exceeded its carrying amount. For the annual assessment in 2020, there were no indicators of impairment noted in the qualitative assessment performed. Accordingly, no impairment charges related to goodwill were recognized during all periods presented in the consolidated financial statements.

Intangible assets, net

The Company's intangible assets are primarily the result of business combinations and include acquired developed technology, customer relationships, trademarks and non-compete agreements. These are amortized utilizing a straight-line method over their estimated useful lives. When establishing useful lives, the Company considers the period and the pattern in which the economic benefits of the intangible asset are consumed or otherwise used; or, if that pattern cannot be reliably determined, using a straight-line amortization method over a period that may be shorter than the ultimate life of such intangible asset. There is no residual value associated with the Company's finite-lived intangible assets.

The Company reviews for impairment indicators of finite-lived intangibles and other long-lived assets as described below in "Impairment of long-lived assets."

Impairment of long-lived assets

The Company reviews its long-lived assets for impairment when events or changes in circumstances indicate that the carrying value of such assets may not be recoverable. This review consists of a comparison of the carrying value of the asset with the asset's expected future undiscounted cash flows. Estimates of expected future cash flows represent management's best estimate based on reasonable and supportable assumptions and projections. If the expected undiscounted future cash flows exceed the carrying value of the asset, no impairment is recognized. If the carrying value of the asset exceeds the expected undiscounted future cash flows, impairment exists and is determined by the excess of the carrying value over the fair value of the asset. Any impairment provisions recognized are permanent and may not be restored in the future. No impairment was recorded during the years ended December 31, 2021 and 2020.

Other non-current assets

Other non-current assets represent the value of funded employee severance benefit accounts and deposits issued to landlords. Eighteen employees are entitled to one month of the employee's current salary, multiplied by the number of years of employment. The Company accrues a liability for this obligation and funds an employee severance benefit account monthly. The value of these funds is recorded in other non-current assets in the Company's consolidated balance sheets and the liability is recorded in other long-term liabilities. The deposited funds include earnings accumulated up to the balance sheet date. The deposited funds may be withdrawn by the employee only upon the fulfillment of the obligation pursuant to labor law or agreements.

Right-of-use assets and lease liabilities

The Company has both cancelable and noncancelable operating leases for office space, vehicles and office equipment. The Company records leases in accordance with ASC 842, *Leases*, ("ASC 842"). The Company records a right-of-use asset and lease liability on its consolidated balance sheet for all leases that qualify. The operating lease liability represents the present value of the future minimum lease payments over the lease term using the Company's incremental borrowing rate at the lease commencement date. The right-of-use asset reflects adjustments for the derecognition of deferred rent and prepaid rent. Leases with an initial term of 12 months or less are not recorded on the Company's consolidated balance sheet, and are expensed on a straight-line basis over the lease term. The Company has elected to combine the lease and non-lease components into a single lease component for all of its leases. (See Note 15 for further details on the right-of-use assets and lease liabilities.)

Convertible Notes

Concurrent with the Business Combination, the Company issued convertible notes. Refer to Notes 3 and 12 for further discussion on the convertible notes. The convertible notes are accounted for as a liability under the traditional convertible debt model and measured at amortized cost under Accounting Standard Codification ("ASC") 470-20.

The Company accounts for the embedded derivatives at fair value under ASC 815, *Derivatives and Hedging* ("ASC 815"). Under ASC 815, an embedded feature in a debt instrument that meets the definition of a derivative is fair valued at issuance and remeasured at each reporting period with changes in fair value recognized in earnings.

The Company evaluated the guidance in ASC 815 and concluded the conversion option is not considered indexed to the Company's own stock. As a result, the redemption feature and conversion option were bifurcated from the Convertible Notes and are separately measured at fair value at each reporting period within other long-term liabilities in the consolidated balance sheets with changes in their respective fair values recognized in other expense, net within the consolidated statements of operations.

Common Stock Warrants and Post-Combination Warrants

The Company evaluated the public warrants (the "Public Warrants") and private placement warrants (the "Private Placement Warrants" and, together with the Public Warrants, the "Common Stock Warrants") issued in connection with NBA's initial public offering, the Company's warrants which are exercisable to purchase a share of the Company's common stock (the "Common Stock") at an exercise price of \$12.50 per share (the "Post-Combination \$12.50 Warrants"), the Company's warrants which are exercisable to purchase a share of Common Stock at an exercise price of \$15.00 per share (the "Post-Combination \$15.00 Warrants") and the Company's warrants which are exercisable to purchase a share of Common Stock at an exercise price of \$17.50 per share (the "Post-Combination \$17.50 Warrants" and, together with the Post-Combination \$12.50 Warrants and the Post-Combination \$15.00 Warrants, the "Post-Combination Warrants") under ASC 815-40, *Derivatives and Hedging-Contracts in Entity's Own Equity* ("ASC 815-40"), and concluded they do not meet the criteria to be classified in stockholders' equity. Since the Common Stock Warrants and Post-Combination Warrants meet the definition of a derivative under ASC 815-40, the Company records these warrants as liabilities on the consolidated balance sheets within other long-term liabilities and measures these warrants at fair value at each reporting period date, with changes in their respective fair values recognized in other expense, net within the consolidated statements of operations.

Revenue recognition

We derive the majority of our revenue from sales of our networking products and software licenses, with the remaining revenue generated from service fees relating to maintenance contracts, professional services and training for our products. We sell our products and services to end customers, distributors and resellers. Products and services may be sold separately or in bundled packages.

A contract's transaction price is allocated to each distinct performance obligation and recognized as revenue when, or as, the performance obligation is satisfied. Certain of our contracts have multiple distinct performance obligations, as the promise to transfer individual goods or services is separately identifiable from other promises in the contracts and the customer can benefit from these individual goods or services either on their own or together with other resources that are readily available to the customer. For contracts with multiple performance obligations, we allocate the contract's transaction price to each performance obligation based on its relative stand-alone selling price. The stand-alone selling prices are determined based on the prices at which we separately sell these products. For items that are not sold separately, we estimate the stand-alone selling prices using either an expected cost-plus margin or the adjusted market assessment approach depending on the nature of the specific performance obligation.

For all of the Company's product sales, revenue is recognized when control of the product is transferred to the customer (i.e., when the Company's performance obligation is satisfied), which typically occurs at shipment of the product. For product sales, the Company generally does not grant return privileges, except for defective products during the warranty period. Sales taxes collected from customers are excluded from revenues.

Revenue from non-recurring engineering is recognized at a point in time or over-time depending on if the customer controls the asset being created or enhanced. For new product design or software development services, the customer does not control the asset being created, the customer is not simultaneously receiving or consuming the benefits from the work performed and the work performed has alternative use to the Company. Therefore, revenue related to these projects is recognized at a point in time which is when the specified developed technology has been delivered and accepted by the customer.

Revenue from professional service contracts primarily relates to training and other consulting arrangements performed by the Company for its customers. Revenues from professional services contracts provided on a time and materials basis are recognized when the Company has the right to invoice under the practical expedient as amounts correspond directly with the value of the services rendered to date.

Revenue from product maintenance contracts is recognized over time as the Company's performance obligations are satisfied. This is typically the contractual service period, which is generally one year. Maintenance and support services are a distinct performance obligation that includes the stand-ready obligation to provide telephone support, bug fixes and unspecified software upgrades and updates provided on a when-and-if-available basis and/or extended hardware warranty, which is considered a service type warranty.

Revenue from software licenses is primarily related to the sale of perpetual licenses to customers. The software delivered to the customer has stand-alone functionality and the customer can use the intellectual property as it exists at any time. Therefore, the Company recognizes revenue when the software license is delivered to the customer. There are no further performance obligations once the software license is delivered to the customer.

Payment terms to customers generally range from prepayment to 120 days from invoice, which are considered to be standard payment terms. The Company assesses its ability to collect from its customers based primarily on the creditworthiness and past payment history of the customer. The Company has elected to apply the practical expedient that allows an entity to not adjust the promised amount of consideration in customer contracts for the effect of a significant financing component when the period between the transfer of product and services and payment of the related consideration is less than one year. The estimated cost of any post-sale obligations, including basic product warranties, is accrued at the time revenue is recognized based on a number of factors, which include historical experience and known conditions that may impact future warranty costs.

The Company accounts for shipping and handling activities as a fulfillment cost rather than an additional promised service. Therefore, revenue related to shipping and handling activities is included in product revenues. Shipping and handling costs are accrued and recorded as cost of revenue when the related revenue is recognized. Billings to customers for reimbursement of out-of-pocket expenses, including travel, lodging and meals, are recorded as revenue, and the associated costs incurred by the Company for those items are recorded as cost of revenue. Revenue related to the reimbursement of out-of-pocket costs are accounted for as variable consideration.

Contract Balances

A contract asset is recorded when revenue is recognized in advance of our right to receive consideration (i.e., we must perform additional services in order to receive consideration). Amounts are recorded as receivables when our right to consideration is unconditional. When consideration is received, or we have an unconditional right to consideration in advance of delivery of goods or services, a contract liability is recorded. The transaction price can include non-refundable upfront fees, which are allocated to the identifiable performance obligations.

Contract assets are included within other current assets and contract liabilities are included in deferred revenue in our consolidated balance sheets.

Costs to Obtain or Fulfill a Contract

The Company capitalizes commission expenses paid to internal sales personnel and sales agent commissions that are incremental to obtaining customer contracts, for which the related revenue is recognized over a future period. These costs are incurred on initial sales of product, maintenance and professional services and maintenance and support contract renewals. The Company defers these costs and amortizes them over the period of benefit, which the Company generally considers to be the contract term or length of the longest delivery period as contract capitalization costs in the consolidated balance sheets. Commissions paid relating to contract renewals are deferred and amortized on a straight-line basis over the related renewal period as commissions paid on renewals are commensurate with commissions paid on initial sales transactions. Costs to obtain contracts and capitalized costs to fulfil contracts were not significant for the years ended December 31, 2021 and 2020. Costs to obtain a contract for development and engineering service contracts are expensed as incurred in accordance with the practical expedient as the contractual period of these contracts are generally one year or less.

Warranty liabilities

The Company provides a limited warranty for periods, usually ranging from 12 to 24 months, to all purchasers of its new products. Warranty expense is accrued on the sale of products and is recognized as a cost of revenue. The expense is estimated based on analysis of historic costs and other relevant factors.

Foreign currency

The U.S. dollar is the functional currency of all of the Company's foreign subsidiaries. Foreign currency denominated monetary assets and liabilities of subsidiaries for which the U.S. dollar is the functional currency are remeasured based on exchange rates at the end of the period. Non-monetary assets and liabilities of these operations are remeasured at historical rates in effect when the asset was recognized or the liability was incurred. Revenues and expenses for foreign entities transacted in local currency are remeasured at average exchange rates in effect during each period. The resulting remeasurement gains and losses are recognized within other expense, net on the Company's consolidated statements of operations.

The Company recorded foreign currency losses of \$3.0 million and \$0.2 million during the years ended December 31, 2021 and 2020, respectively, in other expense, net.

Significant concentrations

Financial instruments, which potentially subject the Company to concentration of credit risk, consist primarily of cash and cash equivalents, restricted cash and accounts receivable. The Company places its cash and cash equivalents in highly rated financial instruments. The Company maintains certain of its cash balances in various U.S. banks, which at times, may exceed federally insured limits. The Company has not experienced any losses on such accounts.

In addition, the Company maintains various bank accounts in various foreign countries, which are not insured. The Company has not incurred any losses on these uninsured foreign bank accounts, and management believes it is not exposed to any significant credit risk regarding these accounts. Cash and restricted cash balances were as follows (in thousands):

	December 31,	
	2021	2020
Cash in U.S. dollars in U.S. banks	\$ 58,755	\$ 15,997
Cash in foreign banks and foreign currency	4,359	2,612
Petty cash	8	9
Total	\$ 63,122	\$ 18,618

The Company's accounts receivable are derived from sales of its products, and approximately 72% and 75% of product sales were to non-U.S. customers for the years ended December 31, 2021 and 2020, respectively. Three customers accounted for \$39.8 million or 69% of the net accounts receivable balance at December 31, 2021 and two customers accounted for \$52.6 million or 75% of the net accounts receivable balance at December 31, 2020. The Company requires payment in advance or payment security in the form of a letter of credit to be in place at the time of shipment, except in cases where credit risk is considered to be acceptable. The Company's top three customers accounted for 63% and 69% of revenue in 2021 and 2020, respectively. For the years ended December 31, 2021 and 2020, the Company had two customers each year whose revenue was greater than 10% of the year's total.

The Company received 93% and 61% of goods for resale from five suppliers in 2021 and 2020, respectively. The Company outsources the manufacturing of its base station products to contract manufacturers and obtains subscriber terminals from vendors in the Asia Pacific region. In the event of a disruption to supply, the Company would be able to transfer the manufacturing of base stations to alternate contract manufacturers and has alternate suppliers for the majority of subscriber terminals.

Share-based compensation

The Company estimates the fair value of share-based awards on the date of grant using the Black-Scholes option pricing model. The value of the portion of the award that is ultimately expected to vest is recognized as an expense in the consolidated statements of operations on a straight-line basis over the requisite service periods, which is generally the vesting period. Because share-based compensation expense is based on awards that are ultimately expected to vest, share-based compensation expense has been reduced to account for estimated forfeitures. Forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates (see Note 17). The Company uses authorized and unissued shares to meet share issuance requirements.

Employee stock options generally vest ratably over a four-year period and expire on the tenth anniversary of their issuance. Restricted stock is common stock that is subject to a risk of forfeiture or other restrictions that will lapse upon satisfaction of the passage of time. Awards of restricted stock that vest only by the passage of time will generally vest ratably over four years from the date of grant.

Segment reporting

The Company operates as a single segment, the development and supply of broadband wireless products and technologies. This is based on the objectives of the business and how our chief operating decision maker, the Chief Executive Officer, monitors operating performance and allocates resources.

Income taxes

The Company accounts for income taxes in accordance with ASC 740, *Accounting for Income Taxes*, as clarified by ASC 740-10, *Accounting for Uncertainty in Income Taxes*. Under this method, deferred income taxes are determined based on the estimated future tax effects of differences between the financial statement and tax basis of assets and liabilities given the provisions of enacted tax laws. Deferred income tax provisions and benefits are based on changes to the assets or liabilities from year to year. In providing for deferred taxes, the Company considers tax regulations of the jurisdictions in which the Company operates, estimates of future taxable income and available tax planning strategies. If tax regulations, operating results or the ability to implement tax planning strategies vary, adjustments to the carrying value of deferred tax assets and liabilities may be required. Valuation allowances related to deferred tax assets are recorded based on the "more likely than not" criteria of ASC 740.

ASC 740-10 requires that the Company recognize the financial statement benefit of a tax position only after determining that the relevant tax authority would more likely than not sustain the position following an audit. For tax positions meeting the “more-likely-than-not” threshold, the amount recognized in the consolidated financial statements is the largest benefit that has a greater than 50 percent likelihood of being realized upon ultimate settlement with the relevant tax authorities. The Company does not have any other material uncertain tax positions.

The Company recognizes accrued interest related to unrecognized tax benefits, if any in interest expense and penalties in operating expenses. As of December 31, 2021 and 2020, the Company did not have any amounts accrued for interest and penalties or recorded for uncertain tax positions.

Other taxes

Taxes on the sale of products and services to U.S. customers are collected by the Company as an agent and recorded as a liability until remitted to the respective taxing authority. For sales in applicable countries outside the U.S., the Company is subject to value added tax (VAT). These taxes have been presented on a net basis in the consolidated financial statements.

Fair value measurements

We carry certain assets and liabilities at fair value. Fair value is defined as the price that would be received for an asset or the exit price that would be paid to transfer a liability in an orderly transaction between market participants on the measurement date. The three-tier hierarchy for inputs used in measuring fair value, which prioritizes the inputs based on the observability as of the measurement date, is as follows:

Level 1 Quoted prices (unadjusted) in active markets for identical assets or liabilities;

Level 2 Observable inputs other than the quoted prices in active markets for identical assets and liabilities; and

Level 3 Unobservable inputs for which there is little or no market data, which require us to develop assumptions of what market participants would use in pricing the asset or liability.

Assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. Our assessment of the significance of a particular input to the fair value measurement requires judgment and may affect the placement of assets and liabilities being measured within the fair value hierarchy (see Note 14).

Earnings (loss) per share

Basic earnings (loss) per share is calculated by dividing net income (loss) by the weighted-average number of common shares outstanding for each period. Diluted earnings (loss) per share is calculated by dividing net income (loss) by the weighted-average number of common shares and common share equivalents outstanding for each period. Diluted earnings (loss) per share reflects the potential dilution that could occur if outstanding stock options and warrants at the presented dates are exercised and shares of restricted stock have vested, using the treasury stock method. The potential issuance of common stock upon conversion of the Convertible Notes is evaluated under the if-converted method. Potential common shares are excluded from the computation of diluted earnings per common share when the effect would be anti-dilutive. All potential common shares are anti-dilutive in periods of net loss.

Advertising expense

Advertising is expensed as incurred. Advertising expense is included in sales and marketing in the consolidated statements of operations and amounted to \$0.9 million and \$1.0 million for the years ended December 31, 2021 and 2020, respectively.

Recent accounting pronouncements

In January 2017, the Financial Accounting Standards Board (“FASB”) issued ASU No. 2017-04 (amended by ASU 2019-10), “*Intangibles – Goodwill and other (Topic 350): Simplifying the Test for Goodwill Impairment.*” which simplifies the test for goodwill impairment by removing the second step of the test. There is a one-step qualitative test, and this ASU does not amend the optional qualitative assessment of goodwill impairment. The new standard was adopted by the Company on January 1, 2021, and it did not have a material impact on the Company’s consolidated financial statements.

In August 2018, the FASB issued ASU No. 2018-15, “*Intangibles — Goodwill and Other — Internal-Use Software (Subtopic 350-40): Customer’s Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract.*” which requires implementation costs incurred by customers in cloud computing arrangements to be deferred and recognized over the term of the arrangement, if those costs would be capitalized by the customers in a software licensing arrangement. The new standard was adopted by the Company on January 1, 2021, and it did not have a material impact on the Company’s consolidated financial statements.

In December 2019, the FASB issued ASU No. 2019-12, “*Income taxes (Topic 740): Simplifying the Accounting for Income Taxes.*” which simplifies the accounting for income taxes by removing certain exceptions to the general principles in Topic 740 and clarifies and amends the existing guidance. The new standard was adopted by the Company on January 1, 2021, and it did not have a material impact on the Company’s consolidated financial statements.

In August 2020, the FASB issued ASU No. 2020-06, “*Debt — Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging — Contracts in Entity’s Own Equity (Subtopic 815-40)*”. This ASU simplifies the accounting for certain financial instruments with characteristics of liabilities and equity. The FASB reduced the number of accounting models for convertible debt and convertible preferred stock instruments and made certain disclosure amendments to improve the information provided to users. The new standard will be adopted by the Company on January 1, 2022. The new standard is not expected to have a material impact on the Company’s consolidated financial statements.

In May 2021, the FASB issued ASU No. 2021-04, “*Earnings Per Share (Topic 260), Debt — Modifications and Extinguishments (Subtopic 470-50), Compensation—Stock Compensation (Topic 718), and Derivatives and Hedging — Contracts in Entity’s Own Equity (Subtopic 815-40): Issuer’s Accounting for Certain Modifications or Exchanges of Freestanding Equity-Classified Written Call Options*”. This ASU provides guidance for a modification or an exchange of a freestanding equity-classified written call option that is not within the scope of another Topic. The new standard will be adopted by the Company on January 1, 2022. The new standard is not expected to have a material impact on the Company’s consolidated financial statements.

In March 2020, the FASB issued ASU No. 2020-04, “*Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting*” which provides optional expedient and exceptions for applying generally accepted accounting principles to contracts, hedging relationships, and other transactions affected by reference rate reform if certain criteria are met. In response to the concerns about structural risks of interbank offered rates (“IBORs”) and, particularly, the risk of cessation of the LIBOR, regulators in several jurisdictions around the world have undertaken reference rate reform initiatives to identify alternative reference rates that are more observable or transaction based and less susceptible to manipulation. This ASU provides companies with optional guidance to ease the potential accounting burden associated with transitioning away from reference rates that are expected to be discontinued. This new standard must be adopted by the Company no later than December 1, 2022, with early adoption permitted. The potential adoption of this standard is not expected to have a material impact on the Company’s consolidated financial statements.

In June 2016, the FASB issued ASU No. 2016-13 (amended by ASU 2019-10), “*Financial Instruments — Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, regarding the measurement of credit losses for certain financial instruments.*” which replaces the incurred loss model with a current expected credit loss (“CECL”) model. The CECL model is based on historical experience, adjusted for current conditions and reasonable and supportable forecasts. The Company is required to adopt the new guidance on January 1, 2023. The Company is currently evaluating the impact this guidance will have on the consolidated financial statements.

Reclassifications

Certain reclassifications have been made to prior-year amounts to conform with current-year presentation. These reclassifications had no effect on the Company’s net loss or cash flows from operations.

3. THE BUSINESS COMBINATION

On August 13, 2021, the Company and Legacy Airspan completed the Business Combination, with Legacy Airspan surviving the Business Combination as a wholly-owned subsidiary of the Company, and the Company was renamed Airspan Networks Holdings Inc. Cash proceeds from the Business Combination totaled approximately \$115.5 million, which included funds held in NBA's trust account and the completion of the concurrent private placement of shares of Common Stock (the "PIPE" or "PIPE Financing") and sale of the Company's senior secured convertible notes (the "Convertible Notes Financing").

In accordance with the terms and subject to the conditions of the Business Combination Agreement, at the effective time of the Business Combination, each share of Legacy Airspan capital stock issued and outstanding immediately prior to the Closing automatically converted into and became the right to receive a specified number of shares of the Company's Common Stock and Post-Combination Warrants. The aggregate transaction consideration paid in the Business Combination was (i) 59,426,486 shares of the Company's Common Stock, (ii) 3,000,000 Post-Combination \$12.50 Warrants, (iii) 3,000,000 Post-Combination \$15.00 Warrants, (iv) 3,000,000 Post-Combination \$17.50 Warrants and (v) \$17,500,000 in cash. The aggregate transaction consideration was allocated among the holders of shares of Legacy Airspan capital stock (including holders of shares of Airspan capital stock issued pursuant to the net exercise of warrants to purchase Legacy Airspan capital stock and holders of shares of Legacy Airspan restricted stock), holders of Legacy Airspan stock options and participants (the "MIP Participants") in Legacy Airspan's Management Incentive Plan (the "MIP").

Prior to the Business Combination, the Company (then known as New Beginnings Acquisition Corp.) issued 11,500,000 Public Warrants and 545,000 Private Placement Warrants. Following the Business Combination, the Common Stock Warrants remain exercisable for Common Stock of the Company. All other features of the Common Stock Warrants remained unchanged. There were no cash obligations for the Company pertaining to these Common Stock Warrants.

Prior to the consummation of the Business Combination, holders of an aggregate of 9,997,049 shares of Common Stock sold in NBA's initial public offering exercised their right to have such shares redeemed for a full pro rata portion of the trust account holding the proceeds from NBA's initial public offering, calculated as of two business days prior to the consummation of the Business Combination, which was approximately \$10.10 per share, or \$101.0 million in the aggregate.

At Closing, the Company filed a second amended and restated certificate of incorporation (the "Restated Certificate of Incorporation"). Among other things, the Restated Certificate of Incorporation increased the number of shares of (a) Common Stock the Company is authorized to issue from 100,000,000 shares to 250,000,000 shares and (b) preferred stock the Company is authorized to issue from 1,000,000 shares to 10,000,000 shares.

In connection with the Closing of the Business Combination, certain former stockholders of Legacy Airspan (the "Legacy Airspan Holders") and certain NBA stockholders (the "Sponsor Holders") entered into a registration rights and lock-up agreement (the "Registration Rights and Lock-Up Agreement"). Subject to certain exceptions, the Registration Rights and Lock-Up Agreement provided that 44,951,960 shares of Common Stock, as well as 2,271,026 Post-Combination \$12.50 Warrants, 2,271,026 Post-Combination \$15.00 Warrants and 2,271,026 Post-Combination \$17.50 Warrants (and the shares of Common Stock issuable upon exercise of such Post-Combination Warrants), in each case, held by the Legacy Airspan Holders were locked-up for a period of six months following the Closing, while the 2,750,000 shares of Common Stock held by the Sponsor Holders will be locked-up for a period of one year following the Closing, in each case subject to earlier release upon (i) the date on which the last reported sale price of the Common Stock equals or exceeds \$12.50 per share for any 20 trading days within any 30-day trading period or (ii) the date on which we complete a liquidation, merger, capital stock exchange or other similar transaction after the Closing that results in all of our stockholders having the right to exchange their shares of our Common Stock for cash, securities or other property. The Registration Rights and Lock-Up Agreement also provided that the Private Placement Warrants and shares of Common Stock underlying the units sold by NBA in a private placement concurrent with its initial public offering (the "Private Placement Units"), along with any shares of Common Stock underlying the Private Placement Warrants, were locked-up for a period of 30 days following the Closing so long as such securities were held by the initial purchasers of the Private Placement Units or their permitted transferees.

The Company accounted for the Business Combination as a reverse recapitalization, which is the equivalent of Legacy Airspan issuing stock for the net assets of New Beginnings, accompanied by a recapitalization, with New Beginnings treated as the acquired company for accounting purposes. The determination of New Beginnings as the “acquired” company for accounting purposes was primarily based on the fact that subsequent to the Business Combination, Legacy Airspan comprised all of the ongoing operations of the combined entity, a majority of the governing body of the combined company and Legacy Airspan’s senior management comprised all of the senior management of the combined company. The net assets of New Beginnings were stated at historical cost with no goodwill or other intangible assets recorded. Reported results from operations included herein prior to the Business Combination are those of Legacy Airspan. The shares and corresponding capital amounts and loss per share related to Legacy Airspan’s outstanding convertible preferred stock and common stock prior to the Business Combination have been retroactively restated to reflect the conversion ratio established pursuant to the Business Combination Agreement.

In connection with the Business Combination, the Company incurred underwriting fees and other costs considered direct and incremental to the transaction totaling \$27.0 million, consisting of legal, accounting, financial advisory and other professional fees. These amounts are reflected within additional paid-in capital in the consolidated balance sheet as of December 31, 2021.

PIPE Financing

Concurrent with the execution of the Business Combination, the Company entered into subscription agreements with certain investors (the “PIPE Investors”) pursuant to which the PIPE Investors subscribed for and purchased an aggregate of 7,500,000 shares of Common Stock for an aggregate purchase price of \$75.0 million.

Convertible Notes Financing

Concurrent with the execution of the Business Combination, the Company issued \$50,000,000 aggregate principal amount of senior secured convertible notes (the “Convertible Notes”). The Convertible Notes bear interest at a rate equal to 7.0% per annum, payable quarterly in arrears on March 31, June 30, September 30 and December 31 of each year, beginning on September 30, 2021. The Convertible Notes mature on December 30, 2024, unless earlier accelerated, converted, redeemed or repurchased. The Convertible Notes are pari passu in right of payment and lien priority and are secured by a security interest in (a) all of the real, personal and mixed property in which liens are granted or purported to be granted pursuant to any of the collateral documents as security for the obligations, (b) all products, proceeds, rents and profits of such property, (c) all of each loan party’s book and records and (d) all of the foregoing whether now owned or existing, in each case excluding certain excluded assets.

At Closing, each Convertible Note, together with all accrued but unpaid interest, was convertible, in whole or in part, at the option of the holder, at any time prior to the payment in full of the principal amount (together with all accrued but unpaid interest thereon), into shares of Common Stock at a conversion price equal to \$12.50 per share (see Note 12).

Summary of Net Proceeds

The following table summarizes the elements of the net proceeds from the Business Combination as of December 31, 2021:

Cash—Trust Account (net of redemptions of \$101 million)	\$ 15,184,107
Cash—Convertible Notes financing	48,669,322
Cash—PIPE Financing	75,000,000
Less: Underwriting fees and other issuance costs paid at Closing	(23,353,127)
Cash proceeds from the Business Combination	\$ 115,500,302
Less: Non-cash net liabilities assumed from New Beginnings	(38,216)
Add: Non-cash net assets assumed from New Beginnings	3,684,000
Less: Non-cash fair value of Common Stock Warrants	(13,176,450)
Less: Non-cash fair value of Post-Combination Warrants	(1,980,000)
Less: Non-cash fair value of Convertible Notes issued	(48,273,641)
Less: Other issuance costs included in accounts payable and accrued liabilities	(3,618,792)
Additional paid-in-capital from Business Combination, net of issuance costs paid	<u>\$ 52,097,203</u>

Summary of Shares Issued

The following table summarizes the number of shares of Common Stock outstanding immediately following the consummation of the Business Combination:

New Beginnings shares of Common Stock outstanding prior to the Business Combination	14,795,000
Less: redemption of New Beginnings shares of Common Stock	(9,997,049)
Shares of Common Stock issued pursuant to the PIPE	7,500,000
Outstanding New Beginnings shares of Common Stock prior to the Business Combination, plus shares of Common Stock issued in PIPE Financing	12,297,951
Conversion of Legacy Airspan preferred stock	56,857,492
Conversion of Legacy Airspan common stock	1,182,912
Conversion of Legacy Airspan common restricted stock	339,134
Conversion of Legacy Airspan Class B common stock	1,340,611
Conversion of Legacy Airspan Class B restricted common stock	6,337
Total shares of Company Common Stock outstanding immediately following the Business Combination	<u>72,024,437</u>

The 5,815,796 Common Stock options exchanged for options to purchase Legacy Airspan Common Stock and Legacy Airspan Class B Common Stock, the restricted stock units (“RSUs”) with respect to 1,750,000 shares of Common Stock issued to the MIP Participants, and 4,257,718 shares of Common Stock reserved for issuance with future grants under the Company’s 2021 Stock Incentive Plan (the “2021 Plan”) are not issued shares and are not included in the table above.

4. REVENUE RECOGNITION

The following is a summary of revenue by category (in thousands):

	Year Ended December 31,	
	2021	2020
Products sales	\$ 148,160	\$ 133,607
Non-recurring engineering ("NRE")	12,527	16,007
Product maintenance contracts	6,798	11,796
Professional service contracts	6,786	10,814
Software licenses	1,758	255
Other	1,254	476
Total revenues	<u>\$ 177,283</u>	<u>\$ 172,955</u>

Revenue recognized at a point in time for NRE services amounted to \$3.0 million and \$8.1 million for the years ended December 31, 2021 and 2020, respectively. For services performed on a customer's owned asset, since the customer controls the asset being enhanced, revenue is recognized over time as services are rendered. Revenue recognized over time for NRE services using a cost-based input method amounted to \$9.5 million and \$8.0 million for the years ended December 31, 2021 and 2020, respectively. The Company is allowed to bill for services performed under the contract in the event the contract is terminated.

The opening and closing balances of our contract asset and liability balances from contracts with customers as of December 31, 2021 and 2020 were as follows (in thousands):

	Contracts Assets	Contracts Liabilities
Balance as of December 31, 2020	\$ 1,000	\$ 7,521
Balance as of December 31, 2021	7,673	2,902
Change	<u>\$ 6,673</u>	<u>\$ (4,619)</u>

Remaining performance obligations represent the revenue that is expected to be recognized in future periods related to performance obligations included in a contract that are unsatisfied, or partially satisfied, as of the end of a period. As of December 31, 2021 and 2020, deferred revenue (both current and noncurrent) of \$2.9 million and \$7.5 million, respectively, represents the Company's remaining performance obligations, of which \$2.5 million and \$6.1 million, respectively, is expected to be recognized within one year, with the remainder to be recognized thereafter.

Revenues for the years ended December 31, 2021 and 2020, include the following (in thousands):

	Year Ended December 31,	
	2021	2020
Amounts included in the beginning of year contract liability balance	\$ 6,143	\$ 3,576

Warranty Liabilities

Information regarding the changes in the Company's product warranty liabilities for the years ended December 31, 2021 and 2020 is as follows (in thousands):

	December 31,	
	2021	2020
Balance, beginning of period	\$ 1,019	\$ 981
Accruals	957	826
Settlements	(691)	(788)
Balance, end of period	<u>\$ 1,285</u>	<u>\$ 1,019</u>

5. INVENTORY

Inventory consists of the following (in thousands):

	December 31,	
	2021	2020
Purchased parts and materials	\$ 5,006	\$ 4,476
Work in progress	401	442
Finished goods and consumables	11,810	7,101
	<u>\$ 17,217</u>	<u>\$ 12,019</u>

6. PROPERTY, PLANT AND EQUIPMENT, NET

Property, plant and equipment, net consists of the following (in thousands):

	December 31,	
	2021	2020
Plant, machinery and equipment	\$ 34,149	\$ 30,159
Furniture and fixtures	708	705
Leasehold improvements	2,676	2,469
	37,533	33,333
Accumulated depreciation	(29,792)	(28,500)
	<u>\$ 7,741</u>	<u>\$ 4,833</u>

Depreciation expense totaled approximately \$3.1 million and \$2.9 million for the years ended December 31, 2021 and 2020, respectively.

7. GOODWILL AND INTANGIBLE ASSETS, NET

The Company has goodwill of \$13.6 million resulting from its acquisition of Mimosa Networks, Inc. (“Mimosa”) in November 2018.

Intangible assets, net consists of the following (in thousands):

	Weighted Average Useful Life (in years)	December 31, 2021		
		Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Internally developed technology	10	\$ 7,810	\$ (2,408)	\$ 5,402
Customer relationships	6	2,130	(1,094)	1,036
Trademarks	2	720	(720)	—
Non-compete	3	180	(180)	—
Total acquired intangible assets		<u>\$ 10,840</u>	<u>\$ (4,402)</u>	<u>\$ 6,438</u>

	Weighted Average Useful Life (in years)	December 31, 2020		
		Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Internally developed technology	10	\$ 7,810	\$ (1,627)	\$ 6,183
Customer relationships	6	2,130	(739)	1,391
Trademarks	2	720	(720)	—
Non-compete	3	180	(125)	55
Total acquired intangible assets		<u>\$ 10,840</u>	<u>\$ (3,211)</u>	<u>\$ 7,629</u>

The Company’s intangible assets include internally developed technology, customer relationships, trademarks and non-compete agreements. Amortization expense related to the Company’s intangible assets amounted to \$1.2 million and \$1.7 million for the years ended December 31, 2021 and 2020, respectively.

Estimated amortization expense for the next five years and thereafter related to the Company’s intangible assets is as follows (in thousands):

2022	\$ 1,136
2023	1,136
2024	1,107
2025	781
2026	781
Thereafter	1,497
Total	<u>\$ 6,438</u>

8. OTHER ACCRUED EXPENSES

Other accrued expenses consist of the following (in thousands):

	December 31,	
	2021	2020
Payroll and related benefits and taxes	\$ 7,258	\$ 6,812
Royalties	2,870	3,401
Agent and sales commissions	2,833	2,501
Right-of-use lease liability, current portion	2,599	2,671
Tax liabilities	1,611	1,967
Product warranty liabilities	1,285	1,019
Product marketing	752	869
Manufacturing subcontractor costs	2,165	1,243
Legal and professional services	2,275	221
Other	3,319	1,834
	<u>\$ 26,967</u>	<u>\$ 22,538</u>

9. SUBORDINATED DEBT

On August 6, 2015, Legacy Airspan issued Golden Wayford Limited a \$10.0 million subordinated Convertible Promissory Note (the “Golden Wayford Note”) pursuant to a Subordinated Convertible Note Purchase Agreement. The Golden Wayford Note was amended and restated on November 28, 2017, to reduce the interest rate thereon and to reflect the application of the payment of \$1.0 million of principal on such note. The Golden Wayford Note had an original maturity date of February 16, 2016, which through subsequent amendments was extended to June 30, 2020. The conversion rights related to this agreement expired on its maturity date, June 30, 2020, and on this date the loan was reclassified from Subordinated Convertible Debt to Subordinated Debt.

The principal and accrued interest under the Golden Wayford Note would have been automatically converted into common shares at the time of the next equity financing and consummated prior to, on or after the maturity date (June 30, 2020). Such conversion right expired in accordance with its term. Interest accrues at 5.0% per annum and is payable quarterly, however, because such payment is prohibited by the terms of the subordination, interest is (in accordance with the terms of the related promissory note) paid in kind.

The Golden Wayford Note is subordinate to the obligations under the Fortress Credit Agreement (see Note 11). A limited waiver under the Fortress Credit Agreement waives each actual and prospective default and event of default existing under the Fortress Credit Agreement directly as a result of the non-payment of the Golden Wayford Note.

The Company had subordinated debt outstanding of \$9.0 million, plus \$1.6 million and \$1.1 million of accrued interest as of December 31, 2021 and 2020, respectively.

10. SUBORDINATED TERM LOAN – RELATED PARTY

On February 9, 2016, Legacy Airspan entered into a \$15.0 million subordinated term loan agreement with a related party (the “Subordinated Term Loan Agreement”) that was due to mature on February 9, 2018. On July 12, 2016, Legacy Airspan entered into an additional \$15.0 million Amendment No. 1 to the Subordinated Term Loan Agreement that was due to mature on February 9, 2018. On July 3, 2017, Legacy Airspan entered into Amendment No. 2 to the Subordinated Term Loan Agreement that extended the maturity date to June 30, 2019. On May 23, 2019, Legacy Airspan entered into Amendment No. 3 to the Subordinated Term Loan Agreement that extended the maturity date to December 31, 2020. On March 30, 2020, Legacy Airspan entered into Amendment No. 4 to the Subordinated Term Loan Agreement that extended the maturity date to December 31, 2021. On December 30, 2020, Legacy Airspan entered into Amendment No. 5 to the Subordinated Term Loan Agreement that extended the maturity date to the later of (a) December 30, 2024 and (b) 365 days after the maturity date of the Fortress Credit Agreement (as in effect on December 30, 2020) (see Note 11). The term loan is subordinate to the Fortress Credit Agreement (see Note 11).

Prior to May 23, 2019, interest accrued at 2.475% per annum and was payable quarterly. In accordance with the amendments below, the interest rate changed as follows:

- (a) Amendment No. 3, on May 23, 2019, the interest rate changed to 9.0% per annum to be accrued;
- (b) Amendment No. 4, on March 30, 2020, the interest rate changed to 9.0% per annum through December 31, 2020 and from and after January 1, 2021, at a rate of 12.0% per annum to be accrued; and
- (c) Amendment No. 5, on December 30, 2020, the interest rate from January 1, 2021 and thereafter changed to 9.0% per annum to be accrued, subject to reversion to 12.0% if a condition subsequent is not satisfied. The subsequent condition was satisfied.

The principal and accrued interest may be repaid early without penalty.

The Company had subordinated term loan – related party outstanding of \$30.0 million, plus \$8.0 million and \$4.8 million of accrued interest as of December 31, 2021 and 2020, respectively.

11. SENIOR TERM LOAN

On December 30, 2020, Legacy Airspan, together with Holdco, Airspan Networks (SG) Inc., Mimosa, Mimosa Networks International, LLC, Airspan Communications Limited, Airspan Networks LTD, and Airspan Japan K.K., as guarantors, together with the other parties thereto, entered into an assignment agreement, whereby Pacific Western Bank (“PWB”) and Ally Bank assigned their interests in a loan facility under the Second Amended and Restated Loan and Security Agreement with Legacy Airspan (the “PWB Facility”) to certain new lenders (the “Assignment Agreement”), and PWB entered into a resignation and assignment agreement (the “Agent Resignation Agreement”) pursuant to which PWB resigned in its capacity as agent under all of the transaction documents and DBFIP ANI LLC (“Fortress”) became the successor agent (as defined in the Agent Resignation Agreement), replacing PWB in such capacity under the PWB Facility. The Assignment Agreement and the Agent Resignation Agreement, along with a Reaffirmation and Omnibus Amendment, resulted in the amendment and restatement of the terms of the PWB Facility and a credit agreement with Fortress (the “Fortress Credit Agreement”) with the new lenders as the lenders thereunder. Fortress became the administrative agent, collateral agent and trustee for the lenders and other secured parties. At Closing, on August 13, 2021, the Company, Legacy Airspan and certain of the Company’s subsidiaries who are party to the Fortress Credit Agreement entered into a Waiver and Consent, Second Amendment, Restatement, Joinder and Omnibus Amendment to Credit Agreement and Other Loan Documents relating to the Fortress Credit Agreement with Fortress to, among other things, add the Company as a guarantor, recognize and account for the Business Combination, recognize and account for the Convertible Notes (see Note 12) and provide updated procedures for replacement of LIBOR. On March 29, 2022, the Company, Legacy Airspan and certain of the Company’s subsidiaries who are party to the Fortress Credit Agreement entered into a Third Amendment and Waiver to Credit Agreement and Other Loan Documents relating to the Fortress Credit Agreement with Fortress (the “March 2022 Fortress Amendment”) to, among other things, amend the financial covenants included in the Fortress Credit Agreement.

The Fortress Credit Agreement initial term loan total commitment of \$34.0 million and a term loan commitment of \$10.0 million were both funded to Legacy Airspan on December 30, 2020. Pursuant to the Fortress Credit Agreement, the Company may expand the term loan commitment by \$20.0 million subject to the terms and conditions of the agreement. The maturity date of the total loan commitment is December 30, 2024. The Fortress Credit Agreement contains a prepayment premium of 5.0% if the prepayment occurs during the period from December 30, 2021 through December 29, 2022, and 3.0% if the prepayment occurs during the period from December 30, 2022 through December 29, 2023. The Fortress Credit Agreement also contained a prohibition on prepayment during the period from December 30, 2020 through December 29, 2021. Subsequent to December 29, 2021, the Company may prepay this loan but will incur a related fee in the amount of a make-whole amount of interest that would have been payable had such prepayment not been made.

To secure its obligations under the Fortress Credit Agreement, Fortress was assigned PWB's security interest under the PWB Facility and the Company granted Fortress as security for the obligations a security interest in (a) all of the real, personal and mixed property in which liens are granted or purported to be granted pursuant to any of the collateral documents as security for the obligations, (b) all products, proceeds, rents and profits of such property, (c) all of each loan party's book and records (d) all of the foregoing whether now owned or existing, in each case excluding certain excluded assets.

The Fortress Credit Agreement contains representations and warranties, events of default and affirmative and negative covenants, which include, among other things, certain restrictions on the ability to pay dividends, create liens, incur additional indebtedness, make investments, dispose of assets, consummate business combinations (except for permitted investment, as defined in the Fortress Credit Agreement), and make distributions. In addition, financial covenants apply. Prior to the March 2022 Fortress Amendment, these financial covenants included (a) minimum liquidity of \$4.0 million as of December 31, 2020 and \$5.0 million thereafter, (b) minimum last twelve-month revenue and (c) minimum last twelve-month Earnings before Interest, Taxes, Depreciation, and Amortization ("EBITDA"). Pursuant to the March 2022 Fortress Amendment, the financial covenants included in the Fortress Credit Agreement were amended to increase the minimum liquidity requirement to an amount between \$15.0 million and \$20.0 million, depending on EBITDA performance levels and whether a default or event of default exists under the Fortress Credit Agreement, and decrease the minimum last twelve-month revenue and EBITDA requirements. Revenue and EBITDA financial covenants are tested quarterly. As of December 31, 2021, the Company was not in compliance with all applicable covenants under the Fortress Credit Agreement; however, the Company was granted a waiver from compliance for these covenants as of December 31, 2021.

In connection with the Fortress Credit Agreement, the Company granted Fortress entities party to the Fortress Credit Agreement a warrant to purchase 55,284 shares of Legacy Airspan's Series H Senior Convertible Preferred Stock at a purchase price of \$61.50. See Note 16 for additional information about the Series H Senior Convertible Preferred Stock. These warrants were recorded at fair value and recorded as a discount to the debt and will be amortized over the term of the debt instrument.

The interest rate for Tranche 1 is based on the level of the Company's Net EBITDA Leverage Ratio, as defined in the Fortress Credit Agreement. The initial applicable rate for Tranche 1 is set at Level V (see table below). After the initial applicable rate period, the relevant rate is as follows for Tranche 1:

Level	Net EBITDA Leverage Ratio	Base Rate Loan	LIBOR Loan
Level I	Less than or equal to 2.00:1.00	The applicable rate is the Base Rate plus 6.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 0.50%	The applicable rate is LIBOR plus 7.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 1.50%
Level II	Less than or equal to 3.00:1.00 but greater than 2.00:1.00	The applicable rate is the Base Rate plus 7.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 1.50%	The applicable rate is LIBOR plus 8.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 2.50%
Level III	Less than or equal to 4.00:1.00 but greater than 3.00:1.00	The applicable rate is the Base Rate plus 8.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 2.50%	The applicable rate is LIBOR plus 9.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 3.50%
Level IV	Less than or equal to 5.00:1.00 but greater than 4.00:1.00	The applicable rate is the Base Rate plus 9.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 3.50%	The applicable rate is LIBOR plus 10.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 4.50%
Level V	Greater than 5.00:1.00	The applicable rate is the Base Rate plus 10.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 4.50%	The applicable rate is LIBOR plus 11.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 5.50%

Interest with respect to Tranche 1 is payable monthly in accordance with the Cash Component/PIK Component split described in the foregoing table.

With respect to Tranche 2, the relevant applicable rate is five percent (5.00%) as of December 31, 2021, and is payable monthly as interest paid in kind.

The Company's senior term loan balance was \$46.8 million and \$44.0 million, inclusive of accrued interest of \$2.5 million and \$25 thousand, as of December 31, 2021 and 2020, respectively. Deferred financing fees of \$5.9 million and \$7.2 million are reflected as reductions of the outstanding senior term loan balance at December 31, 2021 and 2020, respectively.

12. CONVERTIBLE DEBT

On August 13, 2021, the Company, together with Airspan Networks Inc., Holdco, Airspan Networks (SG) Inc., Mimosa, Mimosa Networks International, LLC, Airspan Communications Limited, Airspan Networks LTD, and Airspan Japan K.K., as guarantors, and Fortress, entered into a Senior Secured Convertible Note Purchase and Guarantee Agreement (the “Fortress Convertible Note Agreement”), in order to meet the available cash requirement of the reverse recapitalization described in Note 3. Pursuant to the Fortress Convertible Note Agreement, \$50.0 million was funded to the Company in exchange for the issuance of \$50.0 million aggregate principal amount of Convertible Notes on August 13, 2021, the date of the reverse recapitalization. The Convertible Notes bear interest at 7.0% per annum (the “Base Rate”), payable quarterly in arrears on March 31, June 30, September 30 and December 31 of each year, beginning on September 30, 2021. The Convertible Notes will mature on December 30, 2024, unless earlier accelerated, converted, redeemed or repurchased. Under certain circumstances, a default interest will apply following an event of default under the Convertible Notes at a per annum rate equal to the lower of (i) the Base Rate plus 3.75% and (ii) the maximum amount permitted by law. The Convertible Notes are pari passu in right of payment and lien priority and are secured by a security interest in (a) all of the real, personal and mixed property in which liens are granted or purported to be granted pursuant to any of the collateral documents as security for the obligations, (b) all products, proceeds, rents and profits of such property, (c) all of each loan party’s book and records and (d) all of the foregoing whether now owned or existing, in each case excluding certain excluded assets.

On March 29, 2022, the Company and certain of its subsidiaries who are party to the Fortress Convertible Note Agreement entered into a First Amendment and Waiver to Senior Secured Convertible Note Purchase and Guarantee Agreement and Other Note Documents relating to the Fortress Convertible Note Agreement and the Convertible Notes (the “Fortress Convertible Note Agreement Amendment”) to, among other things, amend the financial covenants included in the Fortress Convertible Note Agreement, amend the conversion price of the Convertible Notes and amend the optional redemption provisions of the Convertible Notes.

Prior to the Fortress Convertible Note Agreement Amendment, the Convertible Notes, together with all accrued but unpaid interest thereon, were convertible, in whole or in part, at any time prior to the payment in full of the principal amount thereof (together with all accrued but unpaid interest thereon), into shares of Common Stock at a conversion price equal to \$12.50 per share. Pursuant to the Fortress Convertible Note Agreement Amendment, the conversion price with respect to the Convertible Notes was decreased to \$8.00 per share. The conversion price with respect to the Convertible Notes is subject to adjustment to reflect stock splits and subdivisions, stock and other dividends and distributions, recapitalizations, reclassifications, combinations and other similar changes in capital structure. The conversion price with respect to the Convertible Notes is also subject to a broad-based weighted average anti-dilution adjustment in the event the Company issues, or is deemed to have issued, shares of Common Stock, other than certain excepted issuances, at a price below the conversion price then in effect. In addition, pursuant to the Fortress Convertible Note Agreement Amendment, if, during the period commencing on and including the date of the Fortress Convertible Note Agreement Amendment and ending on and including the 15-month anniversary of the date of the Fortress Convertible Note Agreement Amendment, there is no 30 consecutive trading day-period during which the average of the daily volume weighted average price of the Common Stock (“Daily VWAP”) for such 30 consecutive trading day-period (after excluding the three highest and the three lowest Daily VWAPs during such period) equals or exceeds \$10.00 (as adjusted for stock splits, stock combinations, dividends, distributions, reorganizations, recapitalizations and the like), the conversion price with respect to the Convertible Notes will be reduced to the amount that such conversion price would otherwise have been had the conversion price with respect to the Convertible Notes been \$6.00 on the date of the Fortress Convertible Note Agreement Amendment.

The following is the allocation among the freestanding instruments (in thousands) at the issuance date:

Convertible Notes	\$	41,887
Conversion option derivative		7,474
Call and contingent put derivative		639
Total Convertible Notes	\$	<u>50,000</u>

As of December 31 2021, the Company had convertible debt outstanding as shown below (in thousands):

	December 31, 2021
Convertible Notes	\$ 41,887
Accrued interest ^(a)	750
Subtotal	<u>42,637</u>
Loan discount costs	(1,294)
Total Convertible Notes	<u>\$ 41,343</u>

(a) The accrued interest will accrete to principal value by the end of the term, December 30, 2024.

As of December 31, 2021, the Company was not in compliance with all applicable covenants under the Fortress Convertible Note Agreement; however, the Company was granted a waiver from compliance for these covenants as of December 31, 2021. On March 29, 2022, we and certain of our subsidiaries who are party to the Fortress Convertible Note Agreement entered into a First Amendment and Waiver to Senior Secured Convertible Note Purchase and Guarantee Agreement and Other Note Documents relating to the Fortress Convertible Note Agreement and the Convertible Notes to, among other things, amend the financial covenants included in the Fortress Convertible Note Agreement, the conversion price of the Convertible Notes and the optional redemption provisions of the Convertible Notes.

13. LONG-TERM DEBT

As of December 31, 2021 and 2020, long-term debt consists of (in thousands):

	December 31,	
	2021	2020
PPP Loan	\$ —	\$ 2,087
Finnish Funding Agency for Technology and Innovation (“Tekes”)	431	458
	<u>431</u>	<u>2,545</u>
Less current portion – product development loans	(275)	(298)
Less accrued interest on product development loans – current	(156)	(160)
Total long-term debt	<u>\$ —</u>	<u>\$ 2,087</u>

On April 27, 2020, under the Paycheck Protection Program (“PPP”) established by the Coronavirus Aid, Relief, and Economic Security (“CARES”) Act, administered by the Small Business Administration (“SBA”), Legacy Airspan entered into a promissory note of approximately \$2.1 million with First Home Bank (“PPP Loan”). The promissory note bore interest at a rate of 1% and was payable in monthly installments of principal and interest over 18 months beginning seven months from the date of this promissory note and continuing on the 5th day of each month thereafter. A final payment of the entire unpaid balance of principal and interest was to be due on April 27, 2022, the maturity date. However, on March 8, 2021, Legacy Airspan applied for the promissory note to be forgiven by the SBA, in whole or in part, and was notified on June 10, 2021 that the SBA had approved Legacy Airspan’s application to forgive the entire loan and accrued interest. For the year ended December 31, 2021, the Company recorded a gain on extinguishment of debt for the PPP Loan of \$2.1 million and the accrued interest of \$23 thousand, respectively.

At both December 31, 2021 and 2020, there were two capital product development loans amounting to \$0.3 million with Tekes, the main public funding organization for research and development in Finland.

The table below sets forth the contractual maturities of the Company’s debt for each of the five years subsequent to December 31, 2021 and thereafter (in thousands):

	Senior Term Loan	Subordinated Debt	Subordinated Term Loan	Long-Term Debt	Convertible Debt	Total
2022	\$ 4,840	\$ 10,577	\$ —	\$ 275	\$ —	\$ 15,692
2023	5,280	—	—	—	—	5,280
2024	36,351	—	—	—	41,343	77,694
2025	—	—	37,991	—	—	37,991
2026	—	—	—	—	—	—
Thereafter	—	—	—	—	—	—
	<u>\$ 46,471</u>	<u>\$ 10,577</u>	<u>\$ 37,991</u>	<u>\$ 275</u>	<u>\$ 41,343</u>	<u>\$ 136,657</u>
Unamortized debt issuance costs	(1,898)	—	—	—	—	(1,898)
Unamortized purchase discount	(3,510)	—	—	—	—	(3,510)
Total Debt	<u>\$ 41,063</u>	<u>\$ 10,577</u>	<u>\$ 37,991</u>	<u>\$ 275</u>	<u>\$ 41,343</u>	<u>\$ 131,249</u>

14. FAIR VALUE MEASUREMENTS

The Company's assets and liabilities recorded at fair value are categorized based upon a fair value hierarchy that ranks the quality and reliability of the information used to determine fair value.

The Company has certain non-financial assets that are measured at fair value on a non-recurring basis when there is an indicator of impairment, and they are recorded at fair value only when impairment is recognized. These assets include property, plant and equipment, goodwill and intangible assets, net. The Company did not record impairment to any non-financial assets in the years ended December 31, 2021 and 2020. The Company does not have any non-financial liabilities measured and recorded at fair value on a non-recurring basis.

Financial Disclosures about Fair Value of Financial Instruments

The tables below set forth information related to the Company's consolidated financial instruments (in thousands):

	Level in Fair Value Hierarchy	December 31, 2021		December 31, 2020	
		Carrying Amount	Fair Value	Carrying Amount	Fair Value
Assets:					
Cash and cash equivalents	1	\$ 62,937	\$ 62,937	\$ 18,196	\$ 18,196
Restricted cash	1	185	185	422	422
Cash and investment in severance benefit accounts	1	3,687	3,687	3,567	3,567
Liabilities:					
Subordinated term loan ^(a)	2	37,991	28,376	34,756	24,327
Subordinated debt ^(a)	2	10,577	7,674	10,065	6,624
Senior term loan ^(a)	2	41,063	43,276	36,834	37,948
Convertible debt	2	41,343	44,494	—	—
Long-term debt	2	—	—	2,087	2,087
Public Warrants	1	8,510	8,510	—	—
Warrants ^(b)	3	1,317	1,317	7,632	7,632

(a) As of December 31, 2021 and 2020, the fair value of the subordinated term loan, subordinated debt and senior term loan considered the senior status of the senior term loan under the Fortress Credit Agreement, followed by the junior status of the subordinated term loan and subordinated debt. The implied yields of the senior term loan, subordinated term loan and subordinated debt were 13.8%, 17.16% and 16.83%, respectively, as of December 31, 2021. As of December 31, 2020, the senior term loan face value was adjusted for \$4.7 million of original issue discounts and \$1.4 million of fair value of Series H warrants issued to lenders pursuant to the Fortress Credit Agreement, resulting in the fair value of the senior term loan totaling \$37.9 million, with a 12.8% implied yield. The implied yields of the subordinated term loan and subordinated debt were 17.0% and 16.6%, respectively, as of December 31, 2020.

(b) As of December 31, 2021 and 2020, the fair value of warrants outstanding that are classified as liabilities are included in other long-term liabilities in the Company's consolidated balance sheets. The key inputs to the valuation models that were utilized to estimate the fair value of the Post-Combination Warrants and Private Placement Warrants were as follows as of December 31, 2021:

	Post-Combination Warrants	Private Placement Warrants
Assumptions:		
Stock price	\$ 3.79	\$ 3.79
Exercise price	\$ 12.50 - \$17.50	\$ 11.50
Risk free rate	0.60%	1.20%
Expected volatility	67.6%	62.4%
Dividend yield	0.00%	0.00%

The conversion option derivative and call and contingent put derivative are considered a Level 3 measurement due to the utilization of significant unobservable inputs in the valuation. The Company utilized a binomial model to estimate the fair value of the embedded derivative features requiring bifurcation associated with the Convertible Notes payable at issuance date and as of the December 31, 2021 reporting date. The key inputs to the valuation models that were utilized to estimate the fair value of the convertible debt derivative liabilities include:

	December 31, 2021	Issuance Date
Assumptions:		
Stock price	\$ 3.79	\$ 9.75
Conversion strike price	\$ 12.50	\$ 12.50
Volatility	51.00%	25.00%
Dividend yield	0.00%	0.00%
Risk free rate	0.97%	0.51%
Debt discount rate	13.80%	12.80%
Coupon interest rate	7.00%	7.00%
Face amount (in thousands)	50,000	50,000
Contingent put inputs and assumptions:		
Probability of fundamental change	25%	25%

The following table presents a roll-forward of the Level 3 instruments:

(in thousands)	Warrants (a)	Conversion option derivative	Call and contingent put derivative
Beginning balance, December 31, 2020	\$ -	\$ -	\$ -
Warrants assumed in Business Combination	2,996		
Issuance of convertible note payable derivative liabilities	-	7,473	639
Change in fair value	(1,679)	(6,130)	1,012
Ending balance, December 31, 2021	\$ 1,317	\$ 1,343	\$ 1,651

(a) The \$7,632 thousand of Series D-1 and Series H warrants were converted as part of the Business Combination. Refer to Note 16 for a roll-forward.

The fair value of the Company's cash and cash equivalents and restricted cash approximate the carrying value because of the short-term nature of these accounts.

The estimated fair value of long-term debt approximated its carrying amount because based on the arrangement of the financing of the debt and pursuant to the terms of the CARES ACT, the Company applied for this debt to be forgiven by the SBA in whole or in part.

15. COMMITMENTS AND CONTINGENCIES

The Company had commitments with its main subcontract manufacturers under various purchase orders and forecast arrangements of \$70.9 million at December 31, 2021, the majority of which have expected delivery dates during the next six months.

Certain officers of the Company have change in control payments that they would be entitled to receive in the event of a change in control.

The Company's operating leases consist of various office facilities. The Company uses a portfolio approach to account for such leases due to the similarities in characteristics and apply an incremental borrowing rate equal to the average interest rate of the Company's existing debt facilities. The Company's office leases with an initial term of 12 months or less are not recorded on the consolidated balance sheet. The Company accounts for lease components (e.g. fixed payments including rent, real estate taxes and common area maintenance costs) as a single lease component. Some of our leases include one or more options to renew the lease term at our sole discretion. The Company has included in the calculation of the Company's lease liability or right-of-use lease assets options to renew that are reasonably certain of exercise.

The presentation of right-of-use assets and lease liabilities in the Company's consolidated balance sheets is as follows (in thousands):

Leases	Classification	December 31,	
		2021	2020
Assets			
Operating lease assets	Right-of-use lease asset, net ⁽¹⁾	\$ 6,585	\$ 7,882
Total leased assets		\$ 6,585	\$ 7,882
Liabilities			
Current			
Operating	Other accrued expenses	\$ 2,599	\$ 2,671
Noncurrent			
Operating	Other long-term liabilities	4,160	5,424
Total lease liabilities		\$ 6,759	\$ 8,095

(1) Operating right of-use lease assets are recorded net of accumulated amortization of \$5.2 million and \$2.8 million as of December 31, 2021 and 2020, respectively.

The Company has classified the lease components as follows (in thousands):

Lease Cost	Classification	Year Ended December 31,	
		2021	2020
Operating lease cost	General and administrative	\$ 3,007	\$ 3,412
Amortization of right of use assets	General and administrative	2,450	2,842
Interest on lease liabilities	General and administrative	500	555
Total lease cost		\$ 5,957	\$ 6,809

Short-term lease costs amounted to \$0.2 million for both years ended December 31, 2021 and 2020 and is included in general and administrative expenses in the consolidated statements of operations.

Future minimum lease payments for assets under non-cancelable operating lease agreements with original terms of more than one year as of December 31, 2021 are as follows (in thousands):

2022	\$ 2,613
2023	2,146
2024	2,115
2025	532
2026	15
Thereafter	—
Total lease payments	7,421
Less: Interest	(662)
Present value of lease liabilities	\$ 6,759

The weighted average remaining lease term at December 31, 2021 is as follows:

	December 31, 2021
Weighted Average Remaining Lease Term (Years)	
Operating leases	3.01 years
Average Discount Rate	
Operating leases	6.76%

The Company had bank guarantees with its landlords and customers totaling \$0.6 million as of both December 31, 2021 and 2020. The guarantees secure payment or performance obligations of the Company under contracts. At December 31, 2021, the Company had pledged cash to the banks as collateral for guarantees aggregating \$0.1 million, which is substantially all recorded as other non-current assets.

In addition to the guarantees mentioned above, the Company has issued a guarantee to Tekes, the main public funding organization for research and development in Finland (See Note 13), for the repayment of loans taken out by its fully consolidated subsidiary, Airspan Finland Oy. These uncollateralized loans totaled \$0.4 million at December 31, 2021, which includes \$0.2 million of accrued interest.

Certain officers of the Company have change in control payments that they would be entitled to receive in the event of a change in control.

Contingencies and Legal Proceedings

From time to time, the Company receives and reviews correspondence from third parties with respect to licensing their patents and other intellectual property in connection with the sale of the Company's products. Disputes may arise with such third parties if an agreement cannot be reached regarding the licensing of such patents or intellectual property.

On October 14, 2019, Barkan Wireless IP Holdings, L.P. ("Barkan") filed a suit against Sprint Corporation and related entities ("Sprint") in the United States District Court for the Eastern District of Texas alleging patent infringement based in part on two of the Company's products, Airave 4 and Magic Box Gold. See *Barkan Wireless IP Holdings, L.P. v. Sprint Corporation et al*, Case No. 2:19-cv-00336-JRG (E.D. Tex.). On March 26, 2021, after a settlement between Barkan and Sprint, the court granted an agreed motion to dismiss and the case was closed. Sprint has demanded that the Company indemnify Sprint \$3,870,000 for a portion of the amounts Sprint paid to defend and settle the case. On April 27, 2021, Sprint gave notice that it intends to set-off amounts it owes the Company until Sprint's indemnity demand is satisfied. The Company disputes Sprint's indemnity demand and, on March 15, 2022, filed a complaint for breach of contract in the United States District Court for the District of Kansas. See *Airspan Networks, Inc. v. Sprint/United Management Company*, Case No. 2:22-cv-02104-JAR-ADM (D. Kan.).

Except as set forth above, the Company is not currently subject to any other material legal proceedings. The Company may from time to time become a party to various other legal proceedings arising in the ordinary course of its business. While the results of such claims and litigation cannot be predicted with certainty, the Company currently believes that it is not a party to any litigation the final outcome of which is likely to have a material adverse effect on the Company's condensed consolidated financial position, results of operations or cash flows.

16. COMMON STOCK AND WARRANTS

Common Stock

As of December 31, 2021, 260,000,000 shares, \$0.0001 par value per share are authorized, of which, 250,000,000 shares are designated as Common Stock and 10,000,000 shares are designated as preferred stock. As of December 31, 2021, there were 72,335,952 shares of Common Stock issued and outstanding and no shares of preferred stock issued or outstanding.

Holders of our Common Stock are entitled to receive dividends when, as and if declared by the board of directors, payable either in cash, in property or in shares of capital stock. As of December 31, 2021, the Company had not declared any dividends.

At December 31, 2021, the Company had reserved shares of Common Stock for future issuance as follows:

Plans	Number of Shares
Warrants	21,145,000
Options and RSUs under employee stock plans	8,452,376
Future grants	3,059,623
Convertible Notes	4,680,500
Total Common Stock reserved for future issuance	37,337,499

Legacy Airspan Warrants

The Company accounted for Legacy Airspan convertible preferred stock warrants that have been earned and are exercisable into shares of Legacy Airspan's convertible preferred stock as liabilities pursuant to ASC 480, "*Distinguishing Liabilities from Equity*" as the warrants were exercisable into shares of Legacy Airspan convertible preferred stock that were contingently redeemable upon events outside the control of Legacy Airspan. The warrant liability is included in other long-term liabilities on the accompanying consolidated balance sheets. The warrants are remeasured and recognized at fair value at each balance sheet date. At the end of each reporting period, changes in fair value during the period are recognized as a component of other expense, net on the accompanying consolidated statements of operations.

In January 2021 and February 2021, Legacy Airspan issued warrants for the purchase of 6,097 and 406, respectively, shares of Legacy Airspan Series H Convertible Preferred Stock to certain holders of Legacy Airspan Series H Senior Convertible Preferred Stock (one warrant for every two shares of Legacy Airspan Series H Senior Convertible Preferred Stock purchased in January and February 2021, respectively) with an exercise price of \$61.50 per share and a 5-year term ("Series H warrants"). Legacy Airspan accounted for the initial fair value of the Series H warrants as a discount on the Legacy Airspan Series H Senior Convertible Preferred Stock issuance and recorded a corresponding warrant liability.

In October 2015, Legacy Airspan issued warrants to purchase 487,805 shares of Legacy Airspan Series D Convertible Preferred Stock to holders of its Series D Convertible Preferred Stock with an exercise price of \$61.50 per share, subject to certain performance requirements (the "Series D-1 Warrants"). In 2016, 325,203 of these warrants were exercised to purchase Legacy Airspan Series D Convertible Preferred Stock for cash, which immediately converted to Legacy Airspan Series D-1 Convertible Preferred Stock. Legacy Airspan accounted for the initial fair value of the Series D-1 warrants as a discount on the Legacy Airspan Series D Convertible Preferred Stock issuance and recorded a corresponding warrant liability. As of December 31, 2020, the remaining 162,601 Series D-1 Warrants had met the performance criteria.

In June 2014, Legacy Airspan issued warrants to purchase 203,252 shares of Legacy Airspan Series D Convertible Preferred Stock (originally 12,500 taking effect for 16.26 to 1 stock split) to holders of Legacy Airspan Series D Convertible Preferred Stock with an exercise price of \$61.50 per share, subject to certain performance requirements (the "Series D Warrants"). These warrants were unvested at December 31, 2020 as the performance criteria had not been met and therefore, no liability has been recorded with respect to these instruments.

As of December 31, 2020, the Series D Warrants, Series D-1 Warrants and Series H warrants fair values were determined using a hybrid scenario approach, including a Monte Carlo simulation.

The Series D Warrants expired and the Series D-1 Warrants and Series H warrants were converted as part of the Closing of the Business Combination (Note 3) and ceased to exist after the Business Combination. As a result, no Legacy Airspan warrants were issued and outstanding as of December 31, 2021:

	Legacy Airspan Warrants Outstanding		
	Series D	Series D-1	Series H
Outstanding as of December 31, 2019	203,252	162,601	—
Issuance of warrants	—	—	139,428
Outstanding as of December 31, 2020	203,252	162,601	139,428
Issuance of warrants	—	—	6,503
Warrants expired	(203,252)	—	—
Conversion of warrants in Business Combination	—	(162,601)	(145,931)
Outstanding as of December 31, 2021	—	—	—

The change in fair value of the Legacy Airspan warrant liability during the year ended December 31, 2021 (in thousands) was:

(in thousands)	Warrant Liability		
	Series D-1	Series H	Total
As of December 31, 2019	\$ 764	\$ —	\$ 764
Fair value of warrants at issuance	—	3,523	3,523
Increase in fair value	3,345	—	3,345
As of December 31, 2020	\$ 4,109	\$ 3,523	\$ 7,632
Fair value of warrants at issuance	—	142	142
Increase in fair value	2,054	463	2,517
Conversion of warrants in Business Combination	(6,163)	(4,128)	(10,291)
As of December 31, 2021	\$ —	\$ —	\$ —

Common Stock Warrants

As of December 31, 2021, there are 12,045,000 Common Stock Warrants outstanding, consisting of 11,500,000 and 545,000 Public Warrants and Private Placement Warrants, respectively.

As part of NBA's initial public offering, 11,500,000 Public Warrants were sold. The Public Warrants entitle the holder thereof to purchase one share of Common Stock at a price of \$11.50 per share, subject to adjustment. The Public Warrants may be exercised only for a whole number of shares of Common Stock. No fractional shares will be issued upon exercise of the Public Warrants. The Public Warrants will expire on August 13, 2026 at 5:00 p.m., New York City time, or earlier upon redemption or liquidation.

The Company may redeem the Public Warrants when exercisable, in whole and not in part, at a price of \$0.01 per warrant, so long as the Company provides not less than 30 days' prior written notice of redemption to each warrant holder, and if, and only if, the reported last sale price of the Common Stock equals or exceeds \$18.00 per share for any 20 trading days within a 30-trading day period ending on the third trading day prior to the date the Company sends the notice of redemption to the warrant holders.

Simultaneously with the Company's initial public offering, NBA consummated a private placement of 545,000 Private Placement Warrants with its sponsor. The Private Placement Warrants are exercisable for one share of Common Stock at a price of \$11.50 per share, subject to adjustment. The Private Placement Warrants are identical to the Public Warrants, except that, so long as the Private Placement Warrants are held by the initial purchaser or its permitted transferees, the Private Placement Warrants: (1) may be exercised for cash or on a cashless basis; (2) may not be transferred, assigned or sold until thirty (30) days after the date of the Closing; and (3) may not be redeemed.

Post-Combination Warrants

As of December 31, 2021, there are 9,000,000 Post-Combination Warrants outstanding.

At Closing, the Company issued Post-Combination Warrants exercisable for 9,000,000 shares of Company Common Stock. The Post-Combination Warrants include: (i) 3,000,000 Post-Combination \$12.50 Warrants; (ii) 3,000,000 Post-Combination \$15.00 Warrants; and (iii) 3,000,000 Post-Combination \$17.50 Warrants. As of December 31, 2021, there were 3,000,000 Post-Combination \$12.50 Warrants, 3,000,000 Post-Combination \$15.00 Warrants, and 3,000,000 Post-Combination \$17.50 Warrants outstanding. The Post-Combination Warrants may only be exercised during the period commencing on the Closing and terminating on the earlier of (i) two years following the date of the Closing and (ii) the redemption date, as further described below, for a price of \$12.50 per Post-Combination \$12.50 Warrant, \$15.00 per Post-Combination \$15.00 Warrant and \$17.50 per Post-Combination \$17.50 Warrant.

The Company, at its option, may redeem all, but not less than all, of the Post-Combination \$12.50 Warrants, at the price of \$0.01 per Post-Combination \$12.50 Warrant if the last sales price of the Common Stock reported has been at least \$12.50 per share, subject to adjustment per the terms of the Post-Combination \$12.50 Warrant, on each of 20 trading days within the 30 trading day period commencing once the Post-Combination \$12.50 Warrants become exercisable and ending on the third trading day prior to the date on which notice of redemption is given. The Company may, at its option, redeem all, but not less than all, of the Post-Combination \$15.00 Warrants, at the price of \$0.01 per Post-Combination \$15.00 Warrant if the last sales price of the Common Stock reported has been at least \$15.00 per share, subject to adjustment per the terms of the Post-Combination \$15.00 Warrant, on each of 20 trading days within the 30 trading day period commencing once the Post-Combination \$15.00 Warrants become exercisable and ending on the third trading day prior to the date on which notice of redemption is given. The Company may, at its option, redeem all, but not less than all, of the Post-Combination \$17.50 Warrants, at the price of \$0.01 per Post-Combination \$17.50 Warrant if the last sales price of the Common Stock reported has been at least \$17.50 per share, subject to adjustment per the terms of the Post-Combination \$17.50 Warrant, on each of 20 trading days within the 30 trading day period commencing once the Post-Combination \$17.50 Warrants become exercisable and ending on the third trading day prior to the date on which notice of redemption is given. The Company must mail a notice of redemption to the holders of Post-Combination Warrants being redeemed not less than 30 days prior to the redemption date. The Company may only exercise its option to redeem the Post-Combination Warrants if there is an effective registration statement covering the shares of Common Stock issuable upon exercise of the Post-Combination Warrants, and a current prospectus relating thereto, during the 30-day redemption period. The Post-Combination Warrants may be exercised for cash, or on a cashless basis, at any time after the notice of redemption has been given by the Company prior to the redemption date.

17. SHARE-BASED COMPENSATION

2021 Stock Incentive Plan

Prior to the Business Combination, the Company maintained its 2009 Omnibus Equity Compensation Plan (the “2009 Plan” and together with the 2021 Plan, the “Plans”). Upon Closing of the Business Combination, awards under the 2009 Plan were converted at the exchange ratio calculated in accordance with the Business Combination Agreement and the 2021 Plan became effective. There are 6,007,718 shares of Common Stock authorized for issuance under the 2021 Plan, plus any shares of Common Stock subject to awards under the 2009 Plan that are forfeited or reacquired by the Company due to termination or cancellation. As of December 31, 2021, there were 11.5 million shares of Common Stock reserved under the Plans.

Share-based compensation is recognized as an expense on a straight-line basis over the requisite service period, which is generally the vesting period. Employee stock options (“stock options”) granted under the Plans generally vest ratably over a four-year period and expire on the tenth anniversary of their issuance. Restricted stock is Common Stock that is subject to a risk of forfeiture or other restrictions that will lapse upon satisfaction of specified performance conditions and/or the passage of time. Awards of restricted stock (“RSAs”) that vest only by the passage of time will generally vest one year following the Business Combination. RSUs represent the right to receive Common Stock upon satisfaction of the passage of time. Awards of RSUs that vest only by the passage of time will generally vest ratably over three years from the date of grant; however, the awards of RSUs granted to the MIP Participants in the Business Combination vest one year following the Closing of the Business Combination.

The following table summarizes the number of authorized, unissued shares of Common Stock, under the Plans, as of December 31, 2021:

Plans	Number of Shares
Total awards available to be issued	3,059,623
Total awards outstanding	8,452,376
Total Common Stock reserved for future issuance under employee stock plans	11,511,999

The following table summarizes share-based compensation expense for the years ended December 31, 2021 and 2020 (in thousands):

	December 31,	
	2021	2020
Research and development	\$ 1,812	\$ 854
Sales and marketing	1,925	561
General and administrative	6,759	1,172
Cost of sales	81	56
Total share-based compensation	\$ 10,577	\$ 2,643

Common Stock Options

The value of each stock option grant is estimated on the grant date using the Black-Scholes option pricing model (“BSM”). The option pricing model requires the input of highly subjective assumptions, as detailed below:

- *Grant date fair value:* the Company uses the closing market price of its Common Stock at the grant date;
- *Expected volatility:* since the Company has limited historical basis for determining its own volatility, the expected volatility assumption was based on the average historical volatility of a representative peer group, which includes the consideration of the peer company’s industry, market capitalization, state of life cycle, and capital structure;
- *Risk-free interest rates:* based upon observed interest rates appropriate for the term of the Company’s stock options;
- *Expected term:* estimated based on the Company’s prior five years of historical data regarding expired, forfeited or if applicable, exercise behavior; and
- *Expected dividend yield:* based on the Company’s history and expectation of no dividend payouts.

The Company used the following assumptions for the BSM to determine the fair value of the stock options granted during the years ended December 31, 2021 and 2020:

	Year Ended December 31,	
	2021	2020
Weighted-average grant date price of our common stock (per share)	\$ 3.99	\$ 12.78
Risk-free interest rate	1.19%	0.55%
Expected volatility	33.0%	68.0%
Expected term (in years)	5	5
Expected dividend yield	—%	—%

The following table sets forth the activity for all stock options:

	Number of Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Life (Years)	Weighted- Average Grant Date Fair Value
Outstanding, December 31, 2020	5,500,135	\$ 3.99	6.79	\$ 2.37
Granted	498,164	6.36		3.99
Exercised	(327,954)	3.28		1.62
Forfeited	(96,167)	5.39		2.88
Expired	(84,686)	3.31		1.72
Outstanding, December 31, 2021 ^(a)	5,489,492	\$ 4.23	6.05	\$ 2.27
Exercisable, December 31, 2021 ^(b)	3,939,056	\$ 3.85	5.24	\$ 1.98

(a) The aggregate intrinsic value of all stock options outstanding as of December 31, 2021 was \$2.2 million.

(b) The aggregate intrinsic value of all vested/exercisable stock options as of December 31, 2021 was \$2.2 million.

As of December 31, 2021, there was \$3.6 million of unrecognized compensation expense related to stock options to be recognized over a weighted average period of 2.15 years.

Restricted Stock Awards

The following table sets forth the activity for all RSAs:

	Number of Shares	Weighted Average Grant Date Fair Value
Outstanding (nonvested), December 31, 2020	337,187	\$ 3.83
Granted	371,037	9.51
Forfeited	(356,393)	4.04
Outstanding (nonvested), December 31, 2021	351,831	\$ 9.63

As of December 31, 2021, there was \$2.1 million of unrecognized compensation expense related to RSAs to be recognized over a weighted average period of 0.62 years.

Restricted Stock Units

As part of the consideration in the Business Combination, RSUs with respect to 1,750,000 shares of Common Stock were granted to the participants in Legacy Airspan's MIP. For the RSUs granted to MIP Participants, the weighted average grant date fair value was \$9.75 per share. The RSUs granted in connection with the MIP vest one year after the date of the grant.

The following table sets forth the activity for all RSUs:

	Number of RSUs	Weighted Average Grant Date Fair Value
Outstanding (nonvested), December 31, 2020	—	\$ —
Granted	2,964,884	8.60
Forfeited	(2,000)	6.94
Outstanding (nonvested), December 31, 2021	2,962,884	\$ 8.60

Because the Company maintained a full valuation allowance on its U.S. deferred tax assets, it did not recognize any tax benefit related to share-based compensation expense for the years ended December 31, 2021 and 2020. As of December 31, 2021, there was \$18.2 million of unrecognized compensation expense related to RSUs to be recognized over a weighted average period of 2.15 years.

18. DEFINED CONTRIBUTION PLANS EXPENSE

The Company contributes to defined contribution plans for all eligible employees. The Company recorded expenses of approximately \$5.5 million and \$5.0 million for the years ended December 31, 2021 and 2020, respectively. Employer contributions are accrued as earned by the employees.

19. NET LOSS PER SHARE

Net loss per share is computed using the weighted average number of shares of Common Stock outstanding less the number of shares subject to repurchase.

The following table sets forth the computation of basic and diluted net loss per share for the periods indicated (in thousands, except share data):

	Years Ended December 31,	
	2021	2020
Numerator:		
Net loss	\$ (70,526)	\$ (25,643)
Denominator – basic and diluted:		
Weighted average common shares outstanding	64,509,718	59,710,047
Net loss per share – basic and diluted	<u>\$ (1.09)</u>	<u>\$ (0.43)</u>

The following table sets forth the amounts excluded from the computation of diluted net loss per share because their effect was anti-dilutive.

	December 31,	
	2021	2020
Stock options outstanding (a)	5,489,492	5,500,135
Non-vested RSUs and RSAs	3,314,715	337,187
Warrants (b)	—	—
Convertible Notes (b)	—	—

- (a) If the Company had reported net income, the calculation of these per share amounts would have included the dilutive effect of these Common Stock equivalents using the treasury stock method for stock options.
- (b) The Convertible Notes and Warrants referred to in Notes 12 and 16, respectively, were also excluded on an as converted basis because their effect would have been anti-dilutive.

20. INCOME TAXES

The Company is subject to federal and various state income taxes in the U.S. as well as income taxes in various foreign jurisdictions. Tax regulations within each jurisdiction are subject to the interpretation of the related tax laws and regulations. The Company is no longer subject to U.S. federal tax examinations for years through 2017, nor to corporate tax examination for years through 2018 in the U.K. In addition, the statute of limitations for years through 2016 in Israel has expired.

The income tax credit of \$0.7 million in the year ended December 31, 2021 is comprised primarily of a \$1.5 million claim of U.K. tax credits for 2020 and 2021 under the Research and Development Expenditure Credit (“RDEC”) regime, offset by an income tax charge of \$0.4 million mainly incurred in Japan, a tax charge of \$0.3 incurred in India due to Indian transfer pricing controls and a \$0.1 million charge related to various foreign jurisdictions. The income tax credit of \$0.8 million in the year ended December 31, 2020 is comprised primarily of a \$1.8 million claim of tax credits for 2019 and 2020 under the RDEC regime, offset by an income tax charge of \$0.8 million mainly incurred in Japan, a tax charge of \$0.1 incurred in India due to Indian transfer pricing controls and a \$0.1 million charge related to various foreign jurisdictions.

The provision for income taxes consists of the following (in thousands):

	Year Ended December 31,	
	2021	2020
Current tax provision:		
Federal	\$ —	\$ (28)
State	1	—
Foreign	(691)	(754)
Total current	<u>(690)</u>	<u>(782)</u>
Deferred tax provision:		
Federal	—	—
State	—	—
Total deferred	<u>—</u>	<u>—</u>
Total income tax benefit	<u>\$ (690)</u>	<u>\$ (782)</u>

The loss before tax was \$70.1 million and \$26.4 million which includes \$30.7 million and \$15.6 million loss before tax attributable to domestic U.S. operations for the years ended December 31, 2021 and 2020, respectively. The Company did not record a material income tax benefit for the tax losses generated in any of the territories in which it operates because it has experienced operating losses since inception.

At December 31, 2021, the Company had the following net operating loss (“NOL”) carry-forwards (gross, in thousands):

Country	NOL Carryforwards	Expiry Terms
U.K.	\$ 262,434	Does not expire
U.S.	207,015	Expires in up to 16 years
U.S.	24,632	Does not expire
Australia	5,220	Does not expire
Israel	281,173	Does not expire
Finland	338	Expires in up to 7 years
Other	1,991	Expires in up to 5 years

Significant components of the Company’s deferred tax assets are as follows (in thousands):

	As of December 31,	
	2021	2020
Net operating loss carryforwards	\$ 154,210	\$ 145,355
Fixed assets	2,037	2,539
R&D amortization	6,613	6,393
Accruals and reserves	10,813	8,238
R&D and other credits	4,267	4,191
Share-based compensation	2,645	2,306
Total deferred tax assets	<u>180,585</u>	<u>169,022</u>
Intangible assets	(1,145)	(1,395)
Total deferred tax liabilities	<u>(1,145)</u>	<u>(1,395)</u>
Valuation allowance	(179,440)	(167,627)
Total deferred tax assets, net	<u>\$ —</u>	<u>\$ —</u>

The Company recorded a change in valuation allowance amounting to \$11.8 million and \$13.4 million for the years ended December 31, 2021 and 2020, respectively.

The following is a reconciliation of income taxes, calculated at the effective U.S. federal income tax rate, to the income tax benefit (expense) included in the accompanying consolidated statements of operations for each of the years (in thousands):

	Years Ended December 31,	
	2021	2020
Expected income tax benefit at U.S. rates	\$ 14,713	\$ 5,549
Difference between U.S. rate and rates applicable to subsidiaries in other jurisdictions	238	(301)
Expenditures not deductible for tax purposes	(198)	(43)
Non-deductible officer compensation	(1,656)	—
Fair market value changes	1,590	—
Expiry of foreign taxable losses	(4,493)	6,218
Other	599	502
Valuation allowance on tax benefits	(11,817)	(13,385)
UK R&D tax credits	1,714	2,242
Income tax benefit	<u>\$ 690</u>	<u>\$ 782</u>

Utilization of the U.S. net operating loss and research and development credit carryforwards may be subject to a substantial annual limitation under Section 382 of the Internal Revenue Code of 1986, and similar state provisions, due to ownership change limitations that have occurred previously or that could occur in the future. These ownership changes may limit the amount of net operating loss and research and development credit carryforwards that can be utilized annually to offset future taxable income and tax, respectively. As of December 31, 2021, the Company has not completed a 2021 Section 382 study to assess whether a change of ownership has occurred in connection with certain of its U.S. net operating losses and credit carryforwards.

Since the Company's utilization of these deferred tax assets is dependent on future profits, a valuation allowance equal to the net deferred tax assets has been provided as it is considered more likely than not that such assets will not be realized. The valuation allowance includes a reduction in deferred tax assets through tax rate reductions in non-US jurisdictions. Through December 31, 2021, the Company has historically concluded that a full valuation allowance is required to offset the net deferred tax assets.

21. GEOGRAPHICAL INFORMATION

As a developer and supplier of broadband wireless products and other technologies, the Company has one reportable segment. The revenue of this single segment is comprised primarily of revenue from products and, to a lesser extent, services. Revenues are attributed to countries based on the destination of the products and services supplied.

An analysis of revenue by geographical market is given below (in thousands):

	Years Ended December 31,	
	2021	2020
United States	\$ 50,298	41,338
Other North America and Canada	920	1,361
Total North America	<u>\$ 51,218</u>	<u>\$ 42,699</u>
India	38,822	41,467
Japan	61,757	64,228
Other Asia	3,841	1,961
Total Asia	<u>104,420</u>	<u>107,656</u>
Europe	5,749	8,054
Africa and the Middle East	8,607	7,105
Latin America and the Caribbean	7,289	7,441
Total revenue	<u>\$ 177,283</u>	<u>\$ 172,955</u>

An analysis of the loss before income tax and the net loss by U.S. and foreign operations is below (in thousands):

	Years Ended December 31,	
	2021	2020
Loss before income tax related to U.S. operations	\$ (31,889)	\$ (15,581)
Loss before income tax related to foreign operations	(39,327)	(10,844)
Loss before income tax	<u>\$ (71,216)</u>	<u>\$ (26,425)</u>
Net loss related to U.S. operations	\$ (31,890)	\$ (15,553)
Net loss related to foreign operations	(38,636)	(10,090)
Net loss	<u>\$ (70,526)</u>	<u>\$ (25,643)</u>

The long-lived assets and total assets by geographic region are shown below (in thousands):

	As of December 31,	
	2021	2020
Property, plant and equipment, net:		
United States	\$ 1,150	\$ 773
Asia	1,193	642
Europe	1,105	581
Middle East	4,276	2,818
Other	17	19
	<u>\$ 7,741</u>	<u>\$ 4,833</u>
Other non-current assets:		
United States	\$ 102	\$ 113
Europe	151	152
Middle East	\$ 3,689	\$ 3,572
	<u>3,942</u>	<u>3,837</u>
Total long-lived assets	<u>\$ 11,683</u>	<u>\$ 8,670</u>
Total assets, net:		
United States	\$ 140,057	\$ 79,622
Asia	20,629	6,482
Europe	10,723	21,927
Middle East	23,945	39,530
Other	145	121
	<u>\$ 195,499</u>	<u>\$ 147,682</u>

22. RELATED PARTY TRANSACTIONS

As of December 31, 2020, there was an outstanding note receivable amounting to \$87 thousand due from the Company's Chief Executive Officer in connection with the purchase of 500,000 shares of the Company's Common Stock. The note was originally entered into in 1999 in the amount of \$130 thousand and no interest was due on this debt which was collateralized by Common Stock. During the fourth quarter of 2021, the outstanding note receivable was repaid in full.

As disclosed in Note 10, as of December 31, 2021 and 2020, Legacy Airspan has a Subordinated Term Loan with a related party. This related party has an indirect, non-controlling beneficial interest in Fortress, which is the agent and principal lender under the Fortress Credit Agreement and the collateral agent and trustee under the Fortress Convertible Note Agreement and the Convertible Notes. This related party also has an indirect, non-controlling beneficial interest in each holder of Convertible Notes. The Company derived approximately \$0.6 million in revenue from sales of products and services to this related party for the year ended December 31, 2021. As of December 31, 2021, the Company had outstanding receivables amounting to \$0.4 million from this related party.

The Company has an outstanding receivable from and payable to a related party, a stockholder, amounting to \$0.4 million and \$12.1 million, respectively, as of December 31, 2021.

In addition, the Company has an outstanding accounts receivable from a separate related party, also a stockholder, amounting to \$11.5 million as of December 31, 2021. The Company derived approximately \$38.4 million in revenue from sales of products and services to this related party for the year ended December 31, 2021. A senior executive at this customer is also a member of the Company's Board of Directors.

The Company derived revenues from sales of products and services to Dense Air amounting to \$1.2 million and \$2.5 million for the years ended December 31, 2021 and 2020, respectively.

23. EQUITY METHOD INVESTMENT

The Company accounts for its investment in a wholly-owned subsidiary, Dense Air, as an equity method investment. Dense Air has been funded by its sole lender through convertible debt with various restrictions and requirements including a conversion option on substantially all of the ownership interest in Dense Air. Dense Air was designed to acquire and hold specific assets and the fixed price conversion option is economically similar to a call option on the assets of Dense Air. Therefore, the Company concluded consolidation is not required. The Company did determine it has significant influence in the operations of Dense Air and therefore, has applied the equity method of accounting. Given Dense Air has operated at a loss since its inception, and the Company has not guaranteed the obligations of Dense Air or otherwise committed to provide further financial support, equity method accounting has been discontinued. The investment had no value at December 31, 2021 and 2020.

There have been no dividends received from Dense Air for the years ended December 31, 2021 and 2020.

The Company receives reimbursement of its expenses for providing certain management support functions to Dense Air, a related party, which are considered not material. In addition, the Company is entitled to receive certain fees upon the successful acquisition of spectrum rights by Dense Air, which are recorded as revenue when earned.

On March 22, 2021, an investor acquired the sole lender to Dense Air's rights and obligations under a convertible loan agreement. Concurrently, the Company received a notice of conversion from the investor to convert the outstanding amount of the loan into shares equating to 95% of the share capital of Dense Air. Subsequent to year end, on March 7, 2022, the conversion was finalized. This conversion did not have a significant effect on the Company's consolidated balance sheets, statements of operations or cash flows.

24. VALUATION AND QUALIFYING ACCOUNTS

The following summarizes changes to valuation and qualifying accounts for 2021 and 2020 (in thousands):

Year	Description	Balance at Beginning of Period	Additions Charged to Cost and Expenses	Write-offs/ Other	Balance at End of Period
2021	Allowance for doubtful accounts	\$ 374	\$ 288	\$ (353)	\$ 309
	Reserve for inventory valuation	\$ 13,204	\$ 1,817	\$ (1,953)	\$ 13,068
2020	Allowance for doubtful accounts	\$ 2,032	\$ 5	\$ (1,663)	\$ 374
	Reserve for inventory valuation	\$ 13,640	\$ 1,996	\$ (2,432)	\$ 13,204

Item 9. Changes in and Disagreements With Accountants on Accounting and Financial Disclosure.

Not applicable.

Item 9A. Controls and Procedures.**Evaluation of Disclosure Controls and Procedures**

Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed by us in our Exchange Act reports is recorded, processed, summarized, and reported, within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our principal executive officer and principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.

Under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, we evaluated the effectiveness of our disclosure controls and procedures (as defined in Rule 13a-15(e) and Rule 15d-15(e) under the Exchange Act), as of December 31, 2021. Based on that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that, as of that date, our disclosure controls and procedures were not effective due to the identification of a material weakness in our internal control over financial reporting, as further described below.

No Management's Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal controls over financial reporting as defined in Rule 13a-15(f) and 15d-15(f) under the Exchange Act. Our internal control over financial reporting is a process designed by, or under the supervision of, our principal executive officer and principal financial officer, or persons performing similar functions, and effected by our Board, our management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the financial statements for external purposes in accordance with GAAP.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions or that the degree of compliance with policies and procedures may deteriorate.

As discussed elsewhere in this Annual Report, we completed the Business Combination on August 13, 2021. Prior to the Business Combination, Legacy Airspan, as a private company, was not required to document and test its internal controls over financial reporting, nor was its management required to certify the effectiveness of its internal controls, and its auditors were not required to opine on the effectiveness of its internal control over financial reporting. The design of public company internal controls over financial reporting following the Business Combination has required and will continue to require significant time and resources from our management and other personnel. Furthermore, New Beginnings, the legal acquirer in the Business Combination, was a non-operating public shell company prior to the Business Combination, and as such the internal controls of New Beginnings no longer exist as of the assessment date. As a result, our management did not have sufficient time following the Closing of the Business Combination to conduct an assessment of our internal control over financial reporting as of December 31, 2021. Therefore, we are excluding management's report on internal control over financial reporting pursuant to Section 215.02 of the SEC's Regulation S-K Compliance and Disclosure Interpretations. We intend to conduct a management assessment of our internal control over financial reporting as of December 31, 2022.

Attestation Report of the Registered Public Accounting Firm

Our independent registered public accounting firm is not required to formally attest to the effectiveness of our internal control over financial reporting for as long as we are an "emerging growth company" pursuant to the provisions of the JOBS Act.

Material Weaknesses

In connection with Legacy Airspan's financial statement close process for the year ended December 31, 2020, a material weakness was identified because (i) Legacy Airspan had inadequate processes and controls to ensure an appropriate level of precision related to its financial statement footnote disclosures and (ii) Legacy Airspan did not have sufficient resources with the adequate technical skills to meet the emerging needs of its financial reporting requirements. Our management, with oversight from the Audit Committee of our Board, and the Board implemented a remediation plan for this material weakness, including, among other things, hiring additional accounting personnel, engaging external advisors to supplement accounting personnel and implementing process level and management review controls to ensure financial statement disclosures are complete and accurate and to identify and address emerging risks. During the quarter ended December 31, 2021, we completed the testing and evaluation of the operating effectiveness of the remediated processes, controls and resources and concluded that the previously identified material weakness had been remediated as of December 31, 2021.

However, despite not conducting a formal assessment of our internal control over financial reporting as of December 31, 2021, in connection with the audit of our consolidated financial statements as of and for the year ended December 31, 2021, we identified a material weakness in our internal control over financial reporting. A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting such that there is a reasonable possibility that a material misstatement of the annual or interim financial statements will not be prevented or detected on a timely basis.

The material weakness that we identified occurred because we did not design and maintain effective controls related to the cutoff of revenue recognition on products shipped to customers.

Management, with oversight from the Board and the Audit Committee of the Board is in the process of implementing a remediation plan for this material weakness, including, among other things, implementing process level and management review controls to ensure the cutoff of revenue recognition is accurate.

Notwithstanding the identified material weakness, management, including our Chief Executive Officer and Chief Financial Officer, believes the consolidated financial statements and other financial information included in this Annual Report fairly present in all material respects our financial condition, results of operations and cash flows at and for the periods presented in conformity with GAAP.

Changes in Internal Control over Financial Reporting

Other than our remediation efforts described above, there was no change in our internal control over financial reporting that occurred during the quarter ended December 31, 2021, that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

Item 9B. Other Information.

We have determined that the date of our 2022 annual meeting of stockholders (the "Annual Meeting") will be June 21, 2022. Because we did not hold an annual meeting of stockholders in 2021, we have set a deadline of April 18, 2022, for the receipt of any stockholder proposals for inclusion in the proxy materials to be distributed by us in connection with the Annual Meeting pursuant to Rule 14a-8 under the Exchange Act, which we believe is a reasonable time before we begin to print and send our proxy materials for the Annual Meeting. Stockholders should send any such proposal to Airspan Networks Holdings Inc., 777 Yamato Road, Suite 310, Boca Raton, Florida 33431, Attention: Secretary. Such proposal must comply with all applicable requirements set forth in the rules and regulations of the SEC, including Rule 14a-8 under the Exchange Act, in order to be eligible for inclusion in our proxy materials for the Annual Meeting.

In addition, in accordance with the requirements set forth in our Bylaws, any stockholder seeking to raise a proposal outside the processes of Rule 14a-8 under the Exchange Act or to make a nomination for consideration at the Annual Meeting, but not included in our proxy materials for the Annual Meeting, must comply with the requirements set forth in our Bylaws, including by delivering a notice of their proposal or nomination to the Company's Secretary, at the address specified above, no later than the close of business on April 18, 2022.

Item 9C. Disclosure Regarding Foreign Jurisdictions that Prevent Inspections.

Not applicable.

PART III

Item 10. Directors, Executive Officers and Corporate Governance.

Executive Officers and Directors

The following sets forth certain information, as of December 31, 2021, concerning our directors and executive officers.

Name	Age	Position
Eric D. Stonestrom	60	Chief Executive Officer, Chairman of the Board of Directors
Glenn Laxdal	61	President and Chief Operating Officer
David Brant	58	Senior Vice President and Chief Financial Officer
Henrik Smith-Petersen	57	Chief Sales and Marketing Officer
Uzi Shalev	63	Chief Technology Officer
Eli Leizerovitz	58	Head of Products
Bandel L. Carano	60	Director
Michael T. Flynn	73	Director
Thomas S. Huseby	74	Director
Scot B. Jarvis	61	Director
Michael Liebowitz	53	Director
Mathew Oommen	53	Director
Divya Seshamani	43	Director
Dominique Trempont	67	Director

Management

Eric D. Stonestrom joined us as Executive Vice President and Chief Operating Officer in January 1998. In May 1998, he was named President and Chief Executive Officer, as well as a member of the board of directors of Legacy Airspan. Mr. Stonestrom remained President until the appointment of Glenn Laxdal as President in January 2022. In February 2022, Mr. Stonestrom was appointed Chairman of the Board. From 1995 to January 1998, Mr. Stonestrom was employed by DSC Communications Corporation (“DSC”), a provider of telecommunications equipment and services, as a Vice President of operating divisions, including our product line. From 1984 until 1995, Mr. Stonestrom worked at telecommunications corporations Bell Laboratories and AT&T in a variety of positions. He received B.S., M.S. and M. Eng. degrees in 1982, 1983 and 1984, respectively, from the College of Engineering at the University of California at Berkeley.

Glenn Laxdal was appointed as our President and Chief Operating Officer in January 2022. Mr. Laxdal previously served since 2017 as senior vice president and general manager of product management at Infinera Corp., a provider of connectivity solutions (“Infinera”), where he was responsible for all operational aspects of Infinera’s product business. Prior to joining Infinera, Mr. Laxdal was head of network products in North America for Ericsson from 2016 to 2017, overseeing strategy, product management and solution development. Mr. Laxdal also served as chief technology officer and head of strategy for Ericsson North America from 2014 to 2017. Prior to Ericsson, Mr. Laxdal served as vice president of global product management at BlackBerry Ltd. from 2009 to 2012 and prior to that held executive roles in product management and operations at Airvana, Inc. and Nortel Networks Inc. Mr. Laxdal holds an M.B.A. from the University of Toronto and a B.A. in Economics and Bachelor of Commerce degrees from the University of Saskatchewan.

David Brant joined us in January 1998 as Finance Director. He became Senior Vice President and Chief Financial Officer in January 2007. Between July 2000 and December 2005 Mr. Brant served as Vice President Finance and Controller. In December 2005 we transferred our Finance function to the United States, and he assumed an operating role leading our AS.NET division, broadening his experience across the operational functions of our company. From 1990 to 1998, Mr. Brant was employed by DSC in various financial roles, the last post as Director of European Accounting. He received a B.A. in Mathematical Economics in 1984 from Essex University and is a Fellow of the Association of Chartered Certified Accountants.

Henrik Smith-Petersen is our Chief Sales and Marketing Officer. Mr. Smith-Petersen joined us in February 1998 as Senior Director in Sales. He became Regional Vice President for Asia Pacific in April 2000, in February 2001 became President, Asia Pacific, and in February 2009 became President, Global Business Development. Prior to joining us, from July 1997 he was with DSC as Director of Business Development. At DSC he gained extensive experience developing new business and partnerships worldwide in the wireless telecommunication market. Before joining DSC, he worked for four years for AT&T's Network Systems Group in Italy, where he developed AT&T's operation systems business and later became Key Account Manager for Italtel, AT&T's local partner in Milan, developing the Telecom Italia business. He received his B.Sc. in Business Economics degree from Copenhagen School of Economics in Denmark in 1990, and an M.B.A. from SDA BOCCONI University in Milan in 1992.

Uzi Shalev is our Chief Technology Officer. Mr. Shalev was our Chief Operating Officer from August 2008 until January 2022, when he was appointed as our Chief Technology Officer. Prior to being appointed Chief Operating Officer, Mr. Shalev was Vice President and General Manager of Airspan Israel. Mr. Shalev joined Marconi in January 2001 as Vice President of Engineering and was appointed as Vice President and General Manager of Airspan Israel at the acquisition in 2002. Prior to joining us, he served as Senior Vice President Engineering with RADVision, developing Voice and Video over IP products. From 1985 until 1993, Mr. Shalev worked in various projects in the Israel Aircraft Industries. He has 23 years of experience in telecommunications and wireless products, in managerial and technical roles. Mr. Shalev holds a B.Sc. degree in Mathematics and Computer Science from the Hebrew University of Jerusalem.

Eli Leizerovitz joined us in July 2018 as Head of Products, responsible for leading our product innovation, strategy and technology. Mr. Leizerovitz has a wealth of experience in the telecommunication industry, most recently spending six years as Senior Director of Business Development at Qualcomm, heading business development for Qualcomm's Cellular Infrastructure Products. Prior to joining Qualcomm, Mr. Leizerovitz spent a combined 11 years as Vice President of Sales at DesignArt Networks and Vice President of Sales and Business Development at Provigent. Mr. Leizerovitz has also held Sales, Business Development and Project Management positions at Nice Systems and Tadiran Spectralink. Mr. Leizerovitz holds a B.Sc. degree in Electrical & Computer Engineering from the Technion and an M.B.A. degree from Tel-Aviv University.

Non-employee Directors

Bandel L. Carano joined the Legacy Airspan board of directors in September 2006. Mr. Carano, who was a member of the Legacy Airspan board of directors from January 1998 to February 2001, has been a general partner of Oak Investment Partners, a multi-stage venture capital firm, since 1987. Mr. Carano also serves on the board of directors of Centric Software, NeoPhotonics (NPTN:NYSE), NextNav (NN:NASDAQ) and nLight. Prior to Oak Investment Partners, Mr. Carano joined Morgan Stanley's Venture Capital Group in 1983, where he was responsible for advising Morgan Stanley on high-tech new business development, as well as sponsoring venture investments. Mr. Carano holds a B.S. and an M.S. in Electrical Engineering from Stanford University.

Michael T. Flynn joined the Legacy Airspan board of directors in July 2001. From 1994 to 2004, Mr. Flynn served as group president of ALLTEL Corporation, an integrated telecommunications provider of wireline and wireless telephony, Internet and high-speed data services. Prior to that, he was an officer with SBC Corp and the Bell System for 25 years. From September 2005 to June of 2018, he was a member of the board of CALIX Inc. (CALX:NYSE), a manufacturer of broadband access equipment, and participated in its successful initial public offering in 2010. Mr. Flynn also served as a director of Atlantic Tel-Networks (ATNI:NASDAQ) from June of 2010 to June of 2019. He has previously served as a board member of several companies resulting in successful mergers or acquisitions, including: Taqua sold to Tekelec in 2004; WebEx Communications (WEBX:NASDAQ) sold to Cisco for \$3.2 billion in 2007; Bay Packets merged with GENBAND in 2006, where Mr. Flynn continued to serve until 2009; and iLinc (ILC:AMEX) sold to Broadsoft. Mr. Flynn earned his B.S. degree in Industrial Engineering from Texas A&M University in 1970. He attended the Dartmouth Institute in 1986 and the Harvard Advanced Management Program in 1988.

Thomas S. Huseby joined the Legacy Airspan board of directors in January 1998, serving as Chairman of the Board from 1998 until 2000 and a second term as Chairman from 2010 until February 2022. Since August 1997, Mr. Huseby has served as the Managing Partner of SeaPoint Ventures, a venture capital fund focused on communications infrastructure. Mr. Huseby has served as a Venture Partner at Oak Investment Partners since 1997. Prior to founding SeaPoint Ventures, Mr. Huseby was the Chairman and CEO of Metawave Communications and prior to that of Innova Corporation. Mr. Huseby has a B.A. and a B.S.I.E. from Columbia University and an M.B.A. from Stanford University.

Scot B. Jarvis joined the board of directors of Legacy Airspan in January 2011. He joined Oak Investment Partners in 1999 as a Venture Partner after a highly successful career in management and investment roles in the wireless communications industry. A graduate of the University of Washington, Scot founded and served as the first President of Nextlink Communications, served as a Regional President of Nextel, and served as a Senior Executive with McCaw Cellular (now AT&T Wireless). More recently, Scot was the Founder of Cedar Grove Investments, a private equity firm with a focus on wireless communications. He has served or currently serves on the boards of public and private companies, including Kratos Defense and Security Solutions, Vitesse Semiconductor, Spectrum Effect and Slingshot Sports.

Michael Liebowitz has been a director since the inception of New Beginnings. He is an entrepreneur, private investor and seasoned business executive with extensive experience founding, acquiring, and monetizing businesses in the insurance and financial industries. Mr. Liebowitz served as President and Chief Executive Officer of Harbor Group Consulting LLC, an insurance and risk management consulting firm, from its formation in 1995 to 2018. Mr. Liebowitz currently serves as a Managing Director and Executive Vice President of Alliant Insurance Services, Inc., and President and Chief Executive Officer of the Harbor Group Division of Alliant Insurance Services Inc., which acquired Harbor Group Consulting in 2018. Mr. Liebowitz served as President and Chief Executive Officer of Innova Risk Management, a boutique real-estate insurance firm, which he acquired in 2006 in a joint venture with Douglas Elliman Real Estate and was subsequently sold in 2019. Innova is a leading provider of property and casualty insurance in the co-op and condominium markets in the New York area. In 2017, Mr. Liebowitz founded High Street Valuations, a firm that specializes in providing insurable value calculations for banks, capital market lenders, owners, and property management companies, for which he serves as President and Chief Executive Officer. Mr. Liebowitz has been a director of Douglas Elliman Inc. (NYSE: DOUG) since December 2021. Mr. Liebowitz served on the board of Ladenburg Thalmann Financial Services Inc. (NYSE American: LTS), the parent company of Ladenburg Thalmann, from January 2019 to February 2020 and the board of The Hilb Group, a leading middle market insurance agency headquartered in Richmond, Virginia, from 2011 to 2013. Since 2008, Mr. Liebowitz has served as President and Chief Executive Officer of Hallman & Lorber Associates, Inc., a firm that provides consultancy and actuarial services to qualified pension plans. In 1999, Mr. Liebowitz was a founding principal of National Financial Partners Corp. (NYSE: NFP), which was taken public in 2003 and was acquired by a controlled affiliate of Madison Dearborn Partners, LLC in 2013. Mr. Liebowitz has acted as an advisor to many of the largest financial services companies around the globe on their complex insurance matters within their investment banking/M&A groups. Mr. Liebowitz is the managing member of M2AFO, LLC a family office vehicle he created in 2018. Mr. Liebowitz graduated from CW Post College-LI University with a B.S. in Finance.

Mathew Oommen joined the board of directors of Legacy Airspan in June 2014. Mr. Oommen is President of Reliance Jio, leading the company's Network and Service Platforms, which support over 400 million mobile customers and an extensive set of business and consumer fiber customers. In this role, Mr. Oommen is enabling India's digital transformation to affordable and scalable broadband connectivity, driving the creation and adoption of digital services in the emerging metaverse and digital 3.0 economy. Mr. Oommen is a member of the board of directors of the GSMA, O-RAN Alliance, and Netradyne. Prior to Reliance, Mr. Oommen was Chief Technology Officer of Sprint, responsible for product, network and technology development, systems architecture, and device development, including M2M/Connected Car services. Prior to joining Sprint in 2008, Mr. Oommen also held executive positions at Williams Communications Group/Wiltel and MCI Worldcom/Verizon.

Divya Seshamani joined our Board in October 2021. Ms. Seshamani has served as the Managing Partner of Greensphere Capital LLP since 2011. From 2014 to 2017, she was a partner at TPG Europe LLP. A World Economic Forum Young Global Leader for her work in sustainable and impact investing, Ms. Seshamani was previously a council member of the Royal Institute of International Affairs (Chatham House) for two consecutive terms. She is currently a Non-Executive Director of Forterra PLC, a FTSE-250 British manufacturing business. She was appointed by the Secretary of State to advise the UK Government as a member of the HMG's Council for Sustainable Business, where she leads the Net-Zero Initiative. Ms. Seshamani holds a Bachelor's degree and Master's degree in Politics, Philosophy and Economics from Oxford University and a Master's in Business Administration from Harvard University.

Dominique Trempont joined the board of directors of Legacy Airspan in May 2018. He also serves on the board of On24, a public cloud based SaaS company that provides a leading cloud-based digital experience platform that makes it easy to create, scale, and personalize engaging experiences to drive measurable business growth, as its Lead Director and chair of the Compensation and Nomination/Governance Committees, since February 2010. He serves as a board director of Daily Mail and General Trust plc, a producer of content, information analytics and events for businesses and consumers, since February 2011. He served on the board of Real Networks, a cloud based SaaS company focused on mobile applications, as its Lead director and Chair of the Risk and Audit Committee, since July 2010. He also served as a director, chair of the Audit Committee and of the Nomination and Governance Committee of Energy Recovery, Inc., a manufacturer of efficient energy recovery devices utilized in the water desalination industry, for 9 years, since July 2008. From 2005 to November 2011, Mr. Trempont served as a director of Finisar Corporation, a global company that develops and markets high-speed data communication systems and software for networking and storage. From 2006 to April 2010, Mr. Trempont served as a director and chair of the audit committee of 3Com Corporation, a network management company that was acquired by Hewlett Packard in April 2010. From 2003 to 2005, Mr. Trempont was CEO-in-Residence at Battery Ventures, a venture capital firm. Prior to joining Battery Ventures, Mr. Trempont was Chairman, President and Chief Executive Officer of Kanisa, Inc., a cloud service company focused on artificial intelligence and machine learning to enable enterprise self-service applications, from 1999 to 2002. Mr. Trempont was President and CEO of Gemplus Corporation, a smart card and Internet-of-Things focused company, from 1997 to 1999. Prior to Gemplus, Mr. Trempont worked closely with Steve Jobs on the turnaround of NeXT Software; he served as Chief Financial Officer and head of Operations of the company. Mr. Trempont began his career at Raychem Corporation, a materials science and technology company focused on telecommunications, electronics, automotive and other industries. He was an adjunct professor at INSEAD from 2010 to 2016. Mr. Trempont earned an undergraduate degree in Economics from College St. Louis (Belgium), a B.A. with high honors in Business Administration and Software Engineering (LSM) from the University of Louvain (Belgium) and a master's degree in Business Administration from INSEAD (France/Singapore).

Corporate Governance

We have structured our corporate governance in a manner we believe closely aligns our interests with those of our stockholders. Notable features of this corporate governance include:

- we have independent director representation on our audit, compensation and nominating and corporate governance committees, and our independent directors meet regularly in executive sessions without the presence of our corporate officers or non-independent directors;
- at least one of our directors qualifies as an “audit committee financial expert” as defined by the SEC; and
- we have implemented a range of other corporate governance best practices, including a robust director education program.

Composition of the Board of Directors

Our business and affairs are managed under the direction of our Board. Our Board is staggered in three classes, with three directors in Class I (Mathew Oommen, Eric D. Stonestrom and Divya Seshamani), three directors in Class II (Bandel L. Carano, Michael T. Flynn and Scot B. Jarvis), and three directors in Class III (Thomas S. Huseby, Michael S. Liebowitz and Dominique Trempont). Currently, Messrs. Carano, Flynn, Jarvis, Huseby, Liebowitz and Trempont and Ms. Seshamani are independent under NYSE American listing standards and applicable SEC rules. Prior to the consummation of the Business Combination, the board of directors of New Beginnings had determined that former New Beginnings directors Mr. Benjamin Garrett, Mr. Frank A. Del Rio, Mr. Perry Weitz and Dean Kate Walsh were “independent directors” as defined in the NYSE American listing standards and applicable SEC rules.

Board Committees

Our Board directs the management of our business and affairs, as provided by Delaware law, and conducts its business through meetings of the Board and standing committees. We have a standing audit committee, nominating and corporate governance committee and compensation committee. In addition, from time to time, special committees may be established under the direction of the Board when necessary to address specific issues.

Audit Committee

Our audit committee is responsible for, among other things:

- the appointment, compensation, retention, replacement, and oversight of the work of the independent registered public accounting firm engaged by us;
- pre-approving all audit and permitted non-audit services to be provided by the independent registered public accounting firm engaged by us, and establishing pre-approval policies and procedures;
- setting clear hiring policies for employees or former employees of the independent registered public accounting firm, including but not limited to, as required by applicable laws and regulations;
- setting clear policies for audit partner rotation in compliance with applicable laws and regulations;
- obtaining and reviewing a report, at least annually, from the independent registered public accounting firm describing (i) the independent registered public accounting firm’s internal quality-control procedures, (ii) any material issues raised by the most recent internal quality-control review, or peer review, of the audit firm, or by any inquiry or investigation by governmental or professional authorities within the preceding five years respecting one or more independent audits carried out by the firm and any steps taken to deal with such issues and (iii) all relationships between the independent registered public accounting firm and us to assess the independent registered public accounting firm’s independence;

- reviewing and approving any related party transaction required to be disclosed pursuant to Item 404 of Regulation S-K promulgated by the SEC prior to us entering into such transaction; and
- reviewing with management, the independent registered public accounting firm, and our legal advisors, as appropriate, any legal, regulatory or compliance matters, including any correspondence with regulators or government agencies and any employee complaints or published reports that raise material issues regarding our financial statements or accounting policies and any significant changes in accounting standards or rules promulgated by the FASB, the SEC or other regulatory authorities.

Our audit committee consists of Ms. Seshamani and Messrs. Liebowitz and Trempont, with Mr. Trempont serving as chair. Under the NYSE American listing standards and applicable SEC rules, we are required to have at least three members of the audit committee, all of whom must be independent. Our Board has affirmatively determined that Ms. Seshamani and Messrs. Liebowitz and Trempont each meet the definition of “independent director” for purposes of serving on the audit committee under Rule 10A-3 of the Exchange Act and the NYSE American rules. Each member of our audit committee also meets the financial literacy requirements of NYSE American listing standards. In addition, our Board has determined that Mr. Trempont qualifies as an “audit committee financial expert,” as such term is defined in Item 407(d)(5) of Regulation S-K promulgated by the SEC. Our Board has adopted a written charter for the audit committee, which is available on our corporate website. The information on any of our websites is deemed not to be incorporated in this Annual Report or to be part of this Annual Report.

Compensation Committee

Our compensation committee is responsible for, among other things:

- reviewing and approving on an annual basis the corporate goals and objectives relevant to our Chief Executive Officer’s compensation, evaluating our Chief Executive Officer’s performance in light of such goals and objectives and determining and approving the remuneration of our Chief Executive Officer based on such evaluation;
- reviewing and approving on an annual basis the compensation of all of our other officers;
- reviewing on an annual basis our executive compensation policies and plans;
- implementing and administering our incentive compensation equity-based remuneration plans;
- assisting management in complying with our proxy statement and annual report disclosure requirements;
- approving all special perquisites, special cash payments and other special compensation and benefit arrangements for our officers and employees;
- if required, producing a report on executive compensation to be included in our annual proxy statement; and
- reviewing, evaluating and recommending changes, if appropriate, to the remuneration for directors.

Our compensation committee consists of Messrs. Flynn, Huseby and Jarvis, with Mr. Jarvis serving as chair. Our Board has affirmatively determined that Messrs. Flynn, Huseby and Jarvis each meet the definition of “independent director” for purposes of serving on the compensation committee under the NYSE American rules, including the heightened independence standards for members of a compensation committee, and are “non-employee directors” as defined in Rule 16b-3 of the Exchange Act. Our Board has adopted a written charter for the compensation committee, which is available on our corporate website. The information on any of our websites is deemed not to be incorporated in this Annual Report or to be part of this Annual Report.

Nominating and Corporate Governance Committee

Our nominating and corporate governance committee is responsible for, among other things:

- identifying, screening and reviewing individuals qualified to serve as directors and recommending to the Board candidates for nomination for election at the annual meeting of stockholders or to fill vacancies on the Board;
- developing and recommending to the Board and overseeing implementation of our corporate governance guidelines;
- coordinating and overseeing the annual self-evaluation of our Board, its committees, individual directors and management in the governance of our company; and
- reviewing on a regular basis our overall corporate governance and recommending improvements as and when necessary.

Our nominating and corporate governance committee consists of Ms. Seshamani and Messrs. Carano, Huseby, Liebowitz and Trempont, with Mr. Huseby serving as chair. Our Board has affirmatively determined that Ms. Seshamani and Messrs. Carano, Huseby, Liebowitz and Trempont each meet the definition of “independent director” under the NYSE American rules. Our Board has adopted a written charter for the nominating and corporate governance committee, which is available on our corporate website. The information on any of our websites is deemed not to be incorporated in this Annual Report or to be part of this Annual Report.

Risk Oversight

Our Board is responsible for overseeing our risk management process. Our Board focuses on our general risk management strategy, the most significant risks facing us, and oversees the implementation of risk mitigation strategies by management. Our audit committee is also responsible for discussing our policies with respect to risk assessment and risk management. Our Board believes its administration of its risk oversight function has not negatively affected our Board’s leadership structure.

Stockholders Agreement

On August 13, 2021, New Beginnings Sponsor, LLC (the “Sponsor”) and certain stockholders of Legacy Airspan entered into a stockholders agreement (the “Stockholders Agreement”) with us, which provides, among other things, that, from and after the Closing and until such time as the Sponsor beneficially owns less than 1,535,000 shares of our Common Stock, the Sponsor will have the right to nominate a director (the “Sponsor Director”), who is initially Michael Liebowitz. The Stockholders Agreement also provides that for so long as the Sponsor Director is an independent director, the Sponsor Director will be appointed to, and serve on, the nominating and corporate governance committee of the Board (or, if there is no nominating and corporate governance committee of the Board, such other committee of the Board that is primarily responsible for nominating and corporate governance matters).

Code of Business Conduct and Ethics

We have adopted a written code of business conduct and ethics that applies to our directors, officers and employees, including our principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions. A copy of the code is available on our corporate website, at ir.airspan.com/corporate-governance. We intend to disclose any amendment to, or waiver from, a provision of the code of business conduct that applies to our principal executive officer, principal financial officer or principal accounting officer on our corporate website. The information on any of our websites is deemed not to be incorporated in this Annual Report or to be part of this Annual Report.

Compensation of Directors and Officers

Our executive compensation program reflects our compensation policies and philosophies, as they may be modified and updated from time to time.

Decisions with respect to the compensation of our executive officers, including our named executive officers, is made by the compensation committee of the Board. Our executive compensation programs for 2021 are further described below under “*Executive Compensation*.”

Section 16(a) Reports

Section 16(a) of the Exchange Act requires our executive officers, directors and persons who beneficially own more than 10% of our Common Stock to file initial reports of ownership and reports of changes in ownership with the SEC. Such executive officers, directors and greater than 10% beneficial owners are required by the regulations of the SEC to furnish us with copies of all Section 16(a) reports they file.

Based solely upon a review of copies of reports on Forms 3 and 4 and amendments thereto filed electronically with the SEC during, and reports on Form 5 and amendments thereto filed electronically with the SEC with respect to, the year ended December 31, 2021, and based further upon written representations received by us with respect to the need to file reports on Form 5, no persons filed late reports required by Section 16(a) of the Exchange Act during the year ended December 31, 2021.

Item 11. Executive Compensation.

This section discusses the material components of the executive compensation program for our executive officers who are named in the “Summary Compensation Table” below. As an emerging growth company, we comply with the executive compensation disclosure rules applicable to “smaller reporting companies,” as such term is defined in the rules promulgated under the Securities Act, which require compensation disclosure for our principal executive officer and the two most highly compensated executive officers other than our principal executive officer. These three officers are referred to as our named executive officers.

In 2021, our “named executive officers” and their positions were as follows:

- Eric. D. Stonestrom, Chief Executive Officer and Chairman of the Board of Directors;
- David Brant, Senior Vice President & Chief Financial Officer; and
- Henrik Smith-Petersen, Chief Sales & Marketing Officer.

This discussion may contain forward-looking statements that are based on our current plans, considerations, expectations and determinations regarding future compensation programs. The actual compensation programs that we adopt in the future may differ materially from the currently planned programs summarized in this discussion.

Summary Compensation Table

The following table provides summary information concerning compensation paid or accrued by us to or on behalf of our named executive officers.

Name and Principal Position	Year	Salary (\$)	Bonus (\$)	Stock Awards (\$) ⁽¹⁾	Option Awards (\$) ⁽²⁾	Non-equity Incentive Plan Compensation (\$) ⁽³⁾	All Other Compensation (\$) ⁽⁴⁾	Total (\$)
Eric D. Stonestrom, Chief Executive Officer and Chairman of the Board of Directors	2021	\$ 512,922	\$ 216,945	\$ 6,825,000	\$ 851,245	\$ 7,000,000	\$ 169,113	\$ 15,575,225
	2020	\$ 500,000	\$ 225,000	\$ 609,128	\$ 602,395	\$ —	\$ 11,400	\$ 1,947,923
David Brant, Senior Vice President & Chief Financial Officer	2021 ⁽⁵⁾	\$ 373,742	\$ 131,679	\$ 3,412,500	\$ 425,625	\$ 3,455,202	\$ 49,041	\$ 7,847,789
	2020 ⁽⁶⁾	\$ 340,369	\$ 127,639	\$ 304,564	\$ 301,197	\$ —	\$ 25,530	\$ 1,099,299
Henrik Smith-Petersen Chief Sales & Marketing Officer	2021 ⁽⁵⁾	\$ 359,504	\$ —	\$ 2,849,438	\$ 355,372	\$ 3,213,775	\$ 26,963	\$ 6,805,052
	2020 ⁽⁶⁾	\$ 307,678	\$ —	\$ 76,147	\$ 677,205	\$ 215,555	\$ 23,249	\$ 1,299,834

(1) The amounts in this column represent the aggregate grant date fair value of restricted stock units granted to each named executive officer pursuant to the MIP in connection with the Closing of the Business Combination, computed in accordance with FASB ASC Topic 718. See Note 17 to the audited consolidated financial statements included elsewhere in this Annual Report for a discussion of the assumptions used in determining the grant date fair value of our equity awards.

(2) The amounts in this column represent the aggregate grant date fair value of option awards granted to each named executive officer, computed in accordance with FASB ASC Topic 718. See Note 17 to the audited consolidated financial statements included elsewhere in this Annual Report for a discussion of the assumptions used in determining the grant date fair value of our equity awards.

(3) The amounts in this column represent amounts paid pursuant to the MIP in connection with the Closing of the Business Combination and amounts earned by Mr. Smith-Petersen under a sales compensation plan.

(4) With respect to Mr. Stonestrom, represents our matching contributions under our 401(k) plan and payment for unused vacation. With respect to Messrs. Brant and Smith-Petersen, represents our contributions under UK pension scheme and payment for unused vacation.

(5) Amounts have been converted from British pounds to U.S. dollars at a rate of £1 to \$0.7266, which represents the average of the exchange rate on the last day of each month in 2021.

(6) Amounts have been converted from British pounds to U.S. dollars at a rate of £1 to \$0.7774, which represents the average of the exchange rate on the last day of each month in 2020.

Narrative Disclosure to Summary Compensation Table

We have historically provided compensation for our named executive officers by way of base salary and bonus, both of which are provided under the named executive officer's employment agreement, as well as equity awards.

Employment Agreements

All of our named executive officers are employed with employment agreements.

Eric Stonestrom, Chief Executive Officer

Mr. Stonestrom's base salary under his employment agreement, dated January 12, 1998, is subject to periodic review and adjustment by our Board. As of December 31, 2021, Mr. Stonestrom's base salary was \$517,500 per year. On February 8, 2022, the Board increased Mr. Stonestrom's base salary to \$567,500 per year. Additionally, Mr. Stonestrom is eligible to receive certain bonus compensation under our bonus plan at a target of 60% of his base salary and is eligible to receive grants under our equity compensation plans. Mr. Stonestrom's employment agreement has no specified term. See the caption "Potential Payments Upon Termination or Change in Control" for details regarding potential severance payments.

David Brant, Senior Vice President & Chief Financial Officer

Mr. Brant's base salary under his employment agreement, effective as of January 1, 2007, has since been increased to its current level of £273,877 per year, subject to periodic review and adjustment. Additionally, Mr. Brant is eligible to receive certain bonus compensation under our bonus plan at a target of 50% of his base salary and is eligible to receive grants under our equity compensation plans. Mr. Brant's employment agreement has no specified term. See the caption "Potential Payments Upon Termination or Change in Control" for details regarding potential severance payments.

Henrik Smith-Petersen, Chief Sales and Marketing Officer

Mr. Smith Petersen's base salary under his employment agreement, dated October 7, 2009, has since been increased to its current level of £254,999 per year, subject to periodic review and adjustment. Additionally, Mr. Smith-Petersen is eligible to receive certain bonus compensation under our sales compensation plan at a level of up to 70% of his base salary, plus certain spot bonuses for achieving specific sales goals. Mr. Smith-Petersen is also eligible to receive grants under our equity compensation plans. Mr. Smith-Petersen's employment agreement has no specified term. See the caption "Potential Payments Upon Termination or Change in Control" for details regarding potential severance payments.

Equity Awards

We have historically offered stock options and restricted stock awards to our named executive officers, as the long-term incentive component of our compensation program. Our stock options generally allow employees to purchase shares of common stock at a price equal to the fair market value of that common stock on the date of grant. Our restricted stock awards generally remain subject to forfeiture until the risks of forfeiture lapse according to their terms. Historically, restricted stock awards vested upon the earlier of either of the following events that occurred on or prior to the 10th anniversary of the date of grant: (i) the date of a change in control; or (ii) the effective date of an initial public offering. In connection with the Closing of the Business Combination, the provisions of our outstanding restricted stock awards were amended to provide that vesting would occur on the earliest to occur of (a) August 13, 2022, (b) death, (c) disability and (d) qualifying separation, provided that the holder continues to be employed by us, or continues to be a director of ours, through such date or event.

The following table sets forth the options to purchase shares of common stock granted to our named executive officers during 2021.

Named Executive Officer	2021 Stock Options Granted
Eric D. Stonestrom	135,333
David Brant	67,667
Henrik Smith-Petersen	56,498

These stock options were granted on January 28, 2021 and vest as to 25% of the shares on the first anniversary of the date of grant, and shall vest monthly as to 1/48 of the shares for each of the 36 months following the first anniversary of the date of grant, such that the stock option is fully-vested in four years. The number of stock options presented in the above table represents stock options to purchase Legacy Airspan stock. In connection with the Closing, the stock options were converted into options to purchase shares of our Common Stock. See the “Outstanding Equity Awards at 2021 Fiscal Year-End” table below.

No restricted stock awards were made to our named executive officers during 2021.

In addition, as described in greater detail below, in connection with the Closing of the Business Combination, we granted restricted stock units with respect to 1,750,000 shares of Common Stock (“MIP RSUs”) to the participants in the MIP (the “MIP Participants”), which included our named executive officers and certain of our directors.

MIP

At the Closing of the Business Combination, certain of our directors and executive officers received, in full satisfaction of their rights under the MIP, an aggregate of \$17,500,000 in cash and MIP RSUs with respect to an aggregate of 1,750,000 shares of Common Stock. The MIP RSUs will vest on the earliest to occur of (i) August 13, 2022, (ii) the MIP Participant’s death, (iii) the MIP Participant’s disability and (iv) the MIP Participant’s qualifying separation, provided that the MIP Participant continues to be employed by us, or continues to be a director of ours, through such date or event. The amounts of cash and MIP RSUs received by our directors and named executive officers under the MIP in connection with the Closing of the Business Combination are set forth below:

Name	Cash	MIP RSUs
Eric D. Stonestrom	\$ 7,000,000	700,000
David Brant	\$ 3,500,000	350,000
Henrik Smith-Petersen	\$ 2,922,500	292,250
Thomas S. Huseby	\$ 1,750,000	175,000
Michael T. Flynn	\$ 577,500	57,750

Outstanding Equity Awards at 2021 Fiscal Year-End

The following table provides information regarding outstanding equity awards for our named executive officers as of December 31, 2021.

Name	Grant Date	Option Awards				Stock Awards	
		Number of Securities Underlying Unexercised Options (#) Exercisable	Number of Securities Underlying Unexercised Options (#) Unexercisable	Option Exercise Price (\$)	Option Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)(1)	Market Value of Shares or Units of Stock That Have Not Vested (\$)
Eric D. Stonestrom	8/13/21(1)					700,000	\$ 2,653,000(5)
	1/28/21(2)	—	42,292	\$ 6.29	1/28/31		
	2/11/20(2)	61,371	85,921	\$ 3.96	2/11/30		
	2/11/20(3)					153,712	\$ 582,568(5)
	1/29/19(2)	171,798	63,811	\$ 5.42	1/29/29		
	4/27/17(2)	234,739	—	\$ 3.36	4/27/27		
	2/3/16(2)	111,566	—	\$ 2.66	2/3/26		
	1/29/15(2)	83,334	—	\$ 2.53	1/29/25		
	11/4/14(2)	103,957	—	\$ 2.53	11/4/24		
	6/9/14(2)	194,803	—	\$ 1.95	6/9/14		
David Brant	8/13/21(1)					350,000	\$ 1,326,500(5)
	1/28/21(2)	—	21,146	\$ 6.26	1/28/31		
	2/11/20(2)	30,685	42,961	\$ 3.96	2/11/30		
	2/11/20(3)					76,856	\$ 291,284(5)
	1/29/19(2)	85,899	31,906	\$ 5.42	1/29/29		
	4/27/17(3)	117,370	—	\$ 3.36	4/27/27		
	2/3/16(2)	55,783	—	\$ 2.66	2/3/26		
	1/29/15(2)	41,667	—	\$ 2.53	1/29/25		
	11/4/14(2)	51,976	—	\$ 2.53	11/4/24		
	6/9/14(2)	97,404	—	\$ 1.95	6/9/24		
Henrik Smith-Petersen	8/13/21(1)					292,250	\$ 1,107,628(5)
	1/28/21(4)	—	17,656	\$ 6.29	1/28/31		
	2/11/20(4)	68,993	96,592	\$ 3.96	2/11/20		
	2/11/20(3)					19,215	\$ 72,825(5)
	1/29/19(4)	42,949	15,953	\$ 5.42	1/29/29		
	4/27/17(4)	58,685	—	\$ 3.36	4/27/27		
	2/3/16(4)	27,897	—	\$ 2.66	2/3/26		
	1/29/15(4)	20,831	—	\$ 2.53	1/29/25		
	11/4/14(4)	25,982	—	\$ 2.53	11/4/24		
	6/9/14(4)	72080	—	\$ 1.95	6/9/24		

- (1) Represents MIP RSUs granted at the Closing of the Business Combination. Vests on the earliest to occur of (i) August 13, 2022, (ii) the MIP Participant's death, (iii) the MIP Participant's disability and (iv) the MIP Participant's qualifying separation, provided that the MIP Participant continues to be employed by us, or continues to be a director of ours, through such date or event.
- (2) Vests (subject to continued service) as to 25% on first anniversary of grant date, and in 36 equal monthly installments thereafter, with all remaining unvested options vesting upon a change in control.
- (3) Originally vested upon the earlier of either of the following events that occurred on or prior to the 10th anniversary of the date of grant: (i) the date of a change in control; or (ii) the effective date of an initial public offering. At Closing, the vesting restrictions with respect to these restricted stock awards were revised to provide that the restricted stock will vest in full on the earliest to occur of (i) August 13, 2022, (ii) the holder's death, (iii) the holder's disability and (iv) the holder's qualifying separation, provided that the holder continues to be employed by us, or continues to be a director of ours, through such date or event.
- (4) Vests (subject to continued service) as to 25% on first anniversary of grant date, and in 36 equal monthly installments thereafter, with 50% of any remaining unvested options vesting upon a change in control.
- (5) Valued at \$3.79 per share, the closing market price of one share of Common Stock on the NYSE American on December 31, 2021.

Retirement Benefits

We maintain a 401(k) retirement savings plan for our U.S.-based employees, including Mr. Stonestrom. Mr. Stonestrom is eligible to participate in the 401(k) plan on the same terms as other full-time employees, including employer matching contributions.

With respect to our European-based employees, including named executive officers, Messrs. Brant and Smith-Petersen, we contribute an amount equivalent to 7.5 percent of base salary to a pension plan.

Potential Payments Upon Termination or Change in Control

Name	Amount Paid on Our Terminating the Employment Contract without Cause ⁽⁴⁾
Eric D. Stonestrom ⁽¹⁾	\$ 517,500 (equivalent to 12 months' base salary)
David Brant ⁽²⁾	\$ 376,929 (equivalent to 12 months' base salary)
Henrik Smith-Petersen ⁽³⁾	\$ 350,948 (equivalent to 12 months' base salary)

- (1) On involuntary termination of Mr. Stonestrom's contract he is entitled to receive severance of 12 months' base salary. On February 8, 2022, Mr. Stonestrom's base salary under his employment agreement was increased to \$567,500 per year.
- (2) Under Mr. Brant's current employment agreement, which became effective January 1, 2007, in the event of termination of Mr. Brant other than for "cause" (as defined in his employment agreement) or if he terminates his employment with "good reason" (as defined in his employment agreement), Mr. Brant would be entitled to severance equal to 12 months' base salary as of the termination date or approximately \$376,929, payable bi-weekly. If Mr. Brant is terminated within one year of the effective date of a "change in control" (as defined in his employment agreement) or voluntarily terminates his employment because of a required relocation or a material change in his responsibilities, Mr. Brant would be entitled to receive severance of 12 months' total cash compensation that would otherwise have been payable, including all bonuses. Assuming termination based on a change in control at December 31, 2021, Mr. Brant would have been entitled to compensation of approximately \$376,929 (equivalent to 12 months' base salary), plus bonuses and benefits, payable bi-weekly.
- (3) On termination without cause, Mr. Smith-Petersen would be entitled to severance equal to twelve months' base pay or approximately \$350,948, assuming termination on December 31, 2021, plus any accrued commissions Mr. Smith-Petersen had earned on Asia business.
- (4) The termination payment arrangements for the named executive officers were individually negotiated with each named executive officer at different time periods. We do not have a policy or set parameters for such arrangements and do not believe that such arrangements materially affected the other compensation elements for the named executive officers.

Upon the occurrence of a "change in control", as defined in our stock option agreements under our equity compensation plans, the following provisions apply to option awards under our equity compensation plans:

Upon the occurrence of a "change in control" (as defined below), if we or any successor, assign, or purchaser thereof does not either: (a) continue the option (as adjusted, if necessary, to retain its pre-"change in control" economic value and aggregate "spread" between the option shares' fair market value and exercise price) or (b) grant a new option of at least equivalent economic value, aggregate "spread," and other terms and conditions as the pre-"change in control" option, then an additional 50 percent (100 percent in the case of options granted to Mr. Stonestrom and Mr. Brant) of any remaining unvested options will automatically vest. In the case of options granted to Mr. Stonestrom and Mr. Brant, if there is a "change in control" and we or any successor, assign, or purchaser thereof either: (i) continues the option (as adjusted, if necessary, to retain its pre-"change in control" economic value and aggregate "spread" between the option shares' fair market value and exercise price) or (ii) grants a new option of at least equivalent economic value, aggregate "spread," and other terms and conditions as the pre-"change in control" option, and within two years of the effective date of the "change in control" either optionee's employment is terminated, or the optionee voluntarily terminates their employment with good reason, then 100 percent of any remaining options will automatically vest. All such vested options may be exercised (together with any other previously or subsequently vested options) until the later of (A) the date related to termination of the employee, or (B) one year from such "change in control", but in no event longer than ten years from the original date of grant.

A "change in control" as defined in the stock option agreements under our equity compensation plans means any consolidation or merger of us with or into another corporation or entity (after which our pre-existing stockholders do not own a majority of the outstanding shares of the surviving entity), an acquisition or sale of substantially all of our assets or a sale of stock in a single transaction (or several related transactions) to one person (or a group acting together) who, as a result of such transaction, shall own more than 50% voting control of us, or any voluntary or involuntary liquidation, dissolution or winding up of our affairs.

Legacy Airspan 2009 Omnibus Equity Compensation Plan

At the Closing, we assumed Legacy Airspan's 2009 Omnibus Equity Compensation Plan (the "Legacy Airspan Plan") and the options to purchase Legacy Airspan capital stock granted thereunder that were outstanding immediately prior to the Closing were converted into options to purchase an aggregate of 5,815,796 shares of Common Stock and the shares of Legacy Airspan restricted stock granted thereunder that were outstanding immediately prior to the Closing were converted into an aggregate of 345,471 shares of restricted Common Stock. We have not granted and will not grant any awards under the Legacy Airspan Plan following the Closing.

Airspan Networks Holdings Inc. 2021 Stock Incentive Plan

On August 11, 2021, at a special meeting in lieu of the 2021 annual meeting of stockholders of New Beginnings, the stockholders of New Beginnings considered and approved the 2021 Plan. The 2021 Plan authorizes the compensation committee of the Board to provide incentive compensation to eligible employees, officers, non-employee directors, consultants, independent contractors or advisors providing services to us, or any person to whom we extend an offer of employment or engagement, in the form of stock options, stock appreciation rights, restricted stock, RSUs, dividend equivalents and other stock-based awards. The 2021 Plan authorizes the issuance of up to 6,007,718 shares of Common Stock, plus any shares of our Common Stock subject to outstanding awards under the Legacy Airspan Plan that are forfeited or reacquired by us due to termination or cancellation.

Director Compensation

We have historically paid certain of our directors annual fees, as well as meeting fees, for participation on certain committees. Prior to the Closing on August 13, 2021, Legacy Airspan paid its directors the annual and meeting fees set forth in the following table:

Director	Fee
Thomas S. Huseby	\$175,000 annual fee and \$1,000 per meeting of the Compensation Committee or Audit Committee
Michael T. Flynn	\$25,000 annual fee, \$1,000 per meeting of the Audit Committee, \$1,000 per meeting of the Compensation Committee and \$750 per meeting of the Special Committee
Scot B. Jarvis	\$2,000 per Board meeting, \$1,500 per meeting of the Compensation Committee (Chair) and \$1,000 per meeting of the Audit Committee
Dominique Trempont	\$50,000 annual fee, \$1,500 per meeting of the Audit Committee (Chair) and \$750 per meeting of the Special Committee

In addition to annual fees and meeting fees, Legacy Airspan historically granted options to its non-management directors under the Legacy Airspan Plan. These options were granted at fair market value on the date of grant and were generally subject to vesting over a four year period, with 25% vesting on the first anniversary of grant date, and 1/48th of the shares vesting in 36 equal monthly installments thereafter; however, in certain instances, the options granted were subject to vesting over a two year period, vesting in equal monthly installments. In the event of a change in control, historically all of the unvested options would vest automatically immediately prior the change in control, subject to the option holder's continued service through the change in control. In 2020, we also granted shares of restricted stock to Messrs. Huseby and Flynn, which originally vested upon the earlier of either of the following events that occurred on or prior to the 10th anniversary of the date of grant: (i) the date of a change in control; or (ii) the effective date of an initial public offering. At Closing, the vesting restrictions with respect to the restricted stock were revised to provide that the restricted stock will vest in full on the earliest to occur of (a) August 13, 2022, (b) the holder's death, (c) the holder's disability and (d) the holder's qualifying separation, provided that the holder continues to be a director through such date or event.

New Beginnings did not provide any fees to its directors for their service prior to the Closing.

During the year ended December 31, 2021, following the Closing on August 13, 2021, we paid our non-management directors the annual fees set forth in the following table:

Name	Board Fee	Board Chair	Audit Committee	Compensation Committee	Nominating and Corporate Governance Committee	Technology and Cyber Security Committee	Total
Bandel L. Carano	\$ 50,000					\$ 15,000	\$ 65,000
Michael T. Flynn	\$ 50,000			\$ 7,500			\$ 57,500
Thomas S. Huseby	\$ 50,000	\$ 45,000		\$ 7,500	\$ 10,000		\$ 112,500
Scot B. Jarvis	\$ 50,000			\$ 15,000			\$ 65,000
Michael Liebowitz	\$ 50,000		\$ 12,500		\$ 5,000		\$ 67,500
Mathew Oommen	\$ 50,000						\$ 50,000
Divya Seshamani	\$ 50,000		\$ 12,500		\$ 5,000	\$ 7,500	\$ 75,000
Dominique Trempont	\$ 50,000		\$ 25,000		\$ 5,000		\$ 80,000

In addition to the annual fees set forth above, during the year ended December 31, 2021, following the Closing on August 13, 2021, we granted restricted stock units with respect to 20,173 shares of Common Stock to each non-management director. In connection with the Closing, we also granted the MIP RSUs described above to Messrs. Huseby and Flynn.

Mr. Stonestrom does not receive any compensation for his services as a director.

The following table provides information on the compensation of our non-management directors in fiscal 2021.

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (\$) ⁽¹⁾⁽²⁾	Option Awards (\$) ⁽³⁾⁽⁴⁾	Non-Equity Incentive Plan Compensation (\$) ⁽⁵⁾	Total (\$)
Bandel L. Carano	21,808	140,000	—	—	161,808
Michael T. Flynn	37,677	703,063	85,123	577,500	1,403,363
Thomas S. Huseby	156,356	1,846,251	212,810	1,750,000	3,965,417
Scot B. Jarvis	32,432	140,000	53,157	—	225,589
Michael Liebowitz	25,890	140,000	—	—	165,890
Mathew Oommen	19,178	140,000	—	—	159,178
Divya Seshamani	13,151	140,000	—	—	153,151
Dominique Trempont	61,937	140,000	53,157	—	255,094
Benjamin Garrett	—	—	—	—	—
Frank Del Rio	—	—	—	—	—
Kate Walsh	—	—	—	—	—
Perry Weitz	—	—	—	—	—

(1) The amounts in this column represent the aggregate grant date fair value of restricted stock units granted to our directors, computed in accordance with FASB ASC Topic 718. See Note 17 to the audited consolidated financial statements included elsewhere in this Annual Report for a discussion of the assumptions used in determining the grant date fair value of our equity awards.

(2) As of December 31, 2021, Mr. Flynn had 25,359 and Mr. Huseby had 38,424 restricted Common Stock awards outstanding. As of December 31, 2021, Mr. Flynn had restricted stock units with respect to 77,923 shares of Common Stock outstanding, Mr. Huseby had restricted stock units with respect to 195,173 shares of Common Stock outstanding and Messrs. Carano, Jarvis, Liebowitz, Oommen and Trempont and Ms. Seshamani each had restricted stock units with respect to 20,173 shares of Common Stock outstanding.

(3) The amounts in this column represent the aggregate grant date fair value of option awards granted to certain directors, computed in accordance with FASB ASC Topic 718. See Note 17 to the audited consolidated financial statements included elsewhere in this Annual Report for a discussion of the assumptions used in determining the grant date fair value of our equity awards.

(4) As of December 31, 2021, the following stock options were outstanding and held by our directors: Mr. Flynn, 104,380; Mr. Huseby, 288,401; Mr. Jarvis, 70,976; and Mr. Trempont, 79,304.

(5) The amounts in this column represent cash amounts paid pursuant to the MIP in connection with the Closing of the Business Combination.

Compensation Committee Interlocks and Insider Participation

None of our executive officers serves as a member of the Board or compensation committee (or other committee performing equivalent functions) of any entity that has one or more executive officers serving on our Board or compensation committee.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters.

The following table sets forth information known to us regarding the beneficial ownership of our Common Stock as of February 28, 2022, by:

- each person who is the beneficial owner of more than 5% of issued and outstanding shares of our Common Stock;
- each of our current named executive officers and directors; and
- all of our executive officers and directors as a group.

Beneficial ownership is determined according to the rules of the SEC, which generally provide that a person has beneficial ownership of a security if he, she or it possesses sole or shared voting or investment power over that security, which includes the power to dispose of or to direct the disposition of the security or the right to acquire such powers within 60 days. In computing the number of shares of our Common Stock beneficially owned by a person or entity and the percentage ownership, we deem outstanding shares of our Common Stock subject to options and Warrants held by that person or entity that are currently exercisable or exercisable within 60 days of February 28, 2022. We do not deem these shares outstanding, however, for the purpose of computing the percentage ownership of any other person or entity.

Unless otherwise indicated, and subject to applicable community property laws, we believe that the persons and entities named in the table have sole voting and investment power with respect to all shares of Common Stock beneficially owned by them.

The beneficial ownership of shares of our Common Stock is based on 72,335,952 shares of Common Stock issued and outstanding as of February 28, 2022.

Name and Address of Beneficial Owner⁽¹⁾	Number of shares of Common Stock	%
<i>Directors and Executive Officers⁽¹⁾</i>		
Eric D. Stonestrom ⁽²⁾	1,337,058	1.8%
David Brant ⁽³⁾	655,535	*
Henrik Smith-Petersen ⁽⁴⁾	466,833	*
Bandel L. Carano ⁽⁵⁾	32,949,384	43.0%
Michael T. Flynn ⁽⁶⁾	129,739	*
Thomas S. Huseby ⁽⁷⁾	326,826	*
Scot B. Jarvis ⁽⁸⁾	361,067	*
Mathew Oommen	—	—
Dominique Trempont ⁽⁹⁾	90,554	*
Divya Seshamani	—	—
Michael S. Liebowitz ⁽¹⁰⁾	1,016,395	1.4%
All Directors and Executive Officers as a Group (14 individuals)	37,735,805	47.2%
<i>Five Percent Holders:</i>		
Oak Investment Partners ⁽⁵⁾	32,949,384	43.0%
SoftBank Group Capital Limited ⁽¹¹⁾	15,721,957	21.2%

* Less than 1%

- (1) Unless otherwise noted, the address of each beneficial owner is c/o Airspan Networks Inc., 777 Yamato Road, Suite 310, Boca Raton, Florida 33431.
- (2) Common Stock consists of (i) 16,285 shares of Common Stock; (ii) 1,153,592 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022, (iii) 153,712 shares of restricted Common Stock and (iv) 2,469 shares of Common Stock issuable upon exercise of Post-Combination Warrants.
- (3) Common Stock consists of (i) 1,633 shares of Common Stock, (ii) 576,797 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022, (iii) 76,856 shares of restricted Common Stock and (iv) 249 shares of Common Stock issuable upon exercise of Post-Combination Warrants.
- (4) Common Stock consists of (i) 447,618 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022, and (ii) 19,215 shares of restricted Common Stock.
- (5) Includes 4,310,325 shares of Common Stock issuable upon exercise of Post-Combination Warrants. Shares are held by Oak Investment Partners XI, Limited Partnership and Oak Investment Partners XIII, Limited Partnership (collectively, "Oak Investment Partners"). The address of the entities affiliated with Oak Investment Partners is 901 Main Avenue, Suite 600, Norwalk, Connecticut 06851. Mr. Carano has shared power to vote and dispose of the shares held by Oak Investment Partners. Mr. Carano disclaims beneficial ownership of the shares held by Oak Investment Partners, except to the extent of his pecuniary interest therein.
- (6) Common Stock consists of (i) 104,380 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022, and (ii) 25,359 shares of restricted Common Stock.
- (7) Common Stock consists of (i) 288,401 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022, and (ii) 38,425 shares of restricted Common Stock.
- (8) Common Stock consists of (i) 251,910 shares of Common Stock held by Connis Point Partners, LLC, of which Mr. Jarvis is the Managing Member, (ii) 38,181 shares of Common Stock issuable upon exercise of Post-Combination Warrants held by Connis Point Partners, LLC and (iii) 70,976 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022. The address of Connis Point Partners, LLC is 3825 Issaquah Pine Lake Rd. SE, Sammamish, Washington 98075.
- (9) Common Stock consists of 79,304 shares of Common Stock issuable on exercise of options that are exercisable within 60 days from February 28, 2022.
- (10) Common Stock consists of (i) 876,426 shares of Common Stock and (ii) 139,969 shares of Common Stock issuable upon exercise of Private Placement Warrants.
- (11) Includes 1,938,071 shares of Common Stock issuable upon exercise of Post-Combination Warrants. The address of SoftBank Group Capital Limited is 69 Grosvenor Street, London, W1K 3JP United Kingdom. Shares are subject to the irrevocable proxy and power of attorney dated March 8, 2021, as further described in this Annual Report in the section entitled "*Certain Relationships and Related Person Transactions — Legacy Airspan — SoftBank.*"

Securities Authorized for Issuance under Equity Compensation Plans

The following table summarizes equity compensation plans that were approved by our stockholders and equity compensation plans that were not approved by our stockholders as of December 31, 2021.

Plan category	Number of securities to be issued upon exercise of outstanding options, warrants and rights (a)	Weighted-average exercise price of outstanding options, warrants and rights (b)	Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)) (c)
Equity compensation plans approved by security holders	8,452,376 ⁽¹⁾	4.23 ⁽²⁾	3,059,623 ⁽³⁾
Equity compensation plans not approved by security holders	—	—	—
Total	8,452,376	4.23	3,059,623

- (1) Represents shares of Common Stock to be issued upon the exercise of options and the vesting of restricted stock units granted under the Legacy Airspan Plan and the 2021 Plan. As a result of the Business Combination, outstanding options to purchase Legacy Airspan stock were converted into options to purchase an aggregate of 5,815,796 shares of Common Stock.
- (2) Reflects the weighted-average exercise price of outstanding options. Outstanding restricted stock units are not included as such awards do not have an exercise price.
- (3) Represents 3,059,623 shares of Common Stock available for issuance under the 2021 Plan. Other than the shares of Common Stock reflected in column (a), no shares of Common Stock are available for issuance under the Legacy Airspan Plan.

Item 13. Certain Relationships and Related Transactions, and Director Independence.

Airspan

Registration Rights and Lock-Up Agreement

On August 13, 2021, the Company, certain stockholders of New Beginnings (the “Sponsor Holders”) and certain stockholders of Legacy Airspan (collectively with the Sponsor Holders, the “Holders”) entered into that certain Registration Rights and Lock-Up Agreement (the “Registration Rights and Lock-Up Agreement”).

Pursuant to the terms of the Registration Rights and Lock-Up Agreement, we are obligated to file a shelf registration statement to register the resale of certain of our securities held by the Holders. In addition, subject to certain requirements and customary conditions, including with regard to the number of demand rights that may be exercised, the Holders may demand at any time or from time to time, to sell all or any portion of their registrable securities in an underwritten offering pursuant to a shelf registration statement so long as (i) the total offering price is reasonably expected to exceed \$50 million or (ii) if such requesting Holder reasonably expects to sell all of the registrable securities held by such Holder in such underwritten offering pursuant to a shelf registration statement, the total offering price is reasonably expected to exceed \$10 million. The Registration Rights and Lock-Up Agreement also provides the Holders with “piggy-back” registration rights, subject to certain requirements and customary conditions.

Subject to certain exceptions, the Registration Rights and Lock-Up Agreement further provided for our securities held by Oak Investment Partners XI, Limited Partnership, Oak Investment Partners XIII, Limited Partnership, Qualcomm Incorporated, Reliance Jio Infocomm USA Inc. (“Reliance”) and SoftBank Group Capital Limited (“SoftBank”) to be locked-up for a period of six months following the Closing, while the shares of Common Stock initially purchased by the Sponsor in a private placement in September 2020 (the “Founder Shares”) held by the Sponsor will be locked-up for a period of one year following the Closing, in each case subject to earlier release upon (i) the date on which the last reported sale price of our Common Stock equals or exceeds \$12.50 per share for any 20 trading days within any 30-day trading period or (ii) the date on which we complete a liquidation, merger, capital stock exchange or other similar transaction after the Closing that results in all of our stockholders having the right to exchange their shares of our Common Stock for cash, securities or other property.

The Registration Rights and Lock-Up Agreement also provided that the Private Placement Warrants and shares of Common Stock underlying the Private Placement Units, along with any shares of Common Stock underlying the Private Placement Warrants, were locked-up for a period of 30 days following the Closing so long as such securities were held by the initial purchasers of the Private Placement Units or their permitted transferees.

Stockholders Agreement

On August 13, 2021, the Company, the Sponsor and certain stockholders of Legacy Airspan entered into the Stockholders Agreement, which provides, among other things, that, from and after the Closing and until such time as the Sponsor beneficially owns less than 1,535,000 shares of our Common Stock, the Sponsor will have the right to nominate a director (the “Sponsor Director”), who is initially Michael Liebowitz. The Stockholders Agreement also provides that for so long as the Sponsor Director is an independent director, the Sponsor Director will be appointed to, and serve on, the nominating and corporate governance committee of the Board (or, if there is no nominating and corporate governance committee of the Board, such other committee of the Board that is primarily responsible for nominating and corporate governance matters).

Amended Credit Agreement

At Closing, on August 13, 2021, the Company, Legacy Airspan and certain of its subsidiaries who are party to the Fortress Credit Agreement entered into the August 2021 Fortress Amendment with Fortress to, among other things, add the Company as a guarantor, recognize and account for the Business Combination, recognize and account for the Convertible Notes and provide updated procedures for replacement of LIBOR. On March 29, 2022, the Company, Legacy Airspan and certain of its subsidiaries who are party to the Fortress Credit Agreement entered into the March 2022 Fortress Amendment to, among other things, amend the financial covenants included in the Fortress Credit Agreement. SoftBank has an indirect, non-controlling beneficial interest in Fortress, which is the agent and principal lender under the Fortress Credit Agreement. At December 31, 2021, there was approximately \$46.5 million aggregate principal amount of indebtedness outstanding under the Fortress Credit Agreement, which is the largest aggregate principal amount outstanding during the year ended December 31, 2021. During the year ended December 31, 2021, we paid approximately \$2.1 million in interest and no principal under the Fortress Credit Agreement.

The Fortress Credit Agreement has a maturity date of December 30, 2024. Under the Fortress Credit Agreement, the initial term loan (“Tranche 1”) total commitment of \$34.0 million and a term loan (“PIK” or “Paid-in-Kind”) commitment of \$10.0 million (“Tranche 2”) were both funded to Legacy Airspan on December 30, 2020. Under the terms of the Fortress Credit Agreement, we may expand the term loan commitment by \$20.0 million, subject to the terms of the Fortress Credit Agreement. The Fortress Credit Agreement contains a prepayment premium of 5.0% if the prepayment occurs during the period from December 30, 2021 through December 29, 2022, and 3.0% if the prepayment occurs during the period from December 30, 2022 through December 29, 2023. The Fortress Credit Agreement also contains a prohibition on prepayment during the period from December 30, 2020 through December 29, 2021 and a related fee in the amount of the make-whole amount of interest that would have been payable had such prepayment not been made.

To secure its obligations under the Fortress Credit Agreement, Fortress was assigned PWB’s security interest under the PWB Facility and we granted Fortress, as security for the obligations, a security interest in (a) all of the real, personal and mixed property in which liens are granted or purported to be granted pursuant to any of the collateral documents as security for the obligations, (b) all products, proceeds, rents and profits of such property, (c) all of each loan party’s book and records and (d) all of the foregoing whether now owned or existing, in each case excluding certain excluded assets.

The Fortress Credit Agreement contains representations and warranties, events of default and affirmative and negative covenants, which include, among other things, certain restrictions on the ability to pay dividends, create liens, incur additional indebtedness, make investments, dispose of assets, consummate business combinations (except for permitted investments, as defined in the Fortress Credit Agreement), and make distributions. In addition, financial covenants apply. Prior to the March 2022 Fortress Amendment, these financial covenants included (a) minimum liquidity of \$4.0 million as of December 31, 2020 and \$5.0 million thereafter, (b) minimum last twelve-month revenue and (c) minimum last twelve-month EBITDA. Pursuant to the March 2022 Fortress Amendment, the financial covenants included in the Fortress Credit Agreement were amended to increase the minimum liquidity requirement to an amount between \$15.0 million and \$20.0 million, depending on EBITDA performance levels and whether a default or event of default exists under the Fortress Credit Agreement, and decrease the minimum last twelve-month revenue and EBITDA requirements. Revenue and EBITDA financial covenants are tested quarterly.

The interest rate for Tranche 1 is based on the level of our Net EBITDA Leverage Ratio. The initial applicable rate for Tranche 1 is set at Level V (see table below). After the initial applicable rate period, the relevant rate is as follows for Tranche 1:

Level	Net EBITDA Leverage Ratio	Base Rate Loan	LIBOR Loan
Level I	Less than or equal to 2.00:1.00	The applicable rate is the Base Rate plus 6.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 0.50%	The applicable rate is LIBOR plus 7.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 1.50%
Level II	Less than or equal to 3.00:1.00 but greater than 2.00:1.00	The applicable rate is the Base Rate plus 7.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 1.50%	The applicable rate is LIBOR plus 8.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 2.50%
Level III	Less than or equal to 4.00:1.00 but greater than 3.00:1.00	The applicable rate is the Base Rate plus 8.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 2.50%	The applicable rate is LIBOR plus 9.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 3.50%
Level IV	Less than or equal to 5.00:1.00 but greater than 4.00:1.00	The applicable rate is the Base Rate plus 9.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 3.50%	The applicable rate is LIBOR plus 10.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 4.50%
Level V	Greater than 5.00:1.00	The applicable rate is the Base Rate plus 10.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 4.50%	The applicable rate is LIBOR plus 11.00% per annum, of which the Margin Cash Component is 5.50% and the Margin PIK Component is 5.50%

Interest with respect to Tranche 1 is payable monthly in accordance with the Cash Component/PIK Component split described in the foregoing table. With respect to Tranche 2, the relevant applicable rate is 5.0% as of December 31, 2021, and is payable monthly as interest paid in kind.

Convertible Notes

Immediately prior to Closing, on August 13, 2021, we issued \$50,000,000 aggregate principal amount of Convertible Notes under the Convertible Note Purchase Agreement. At Closing, Legacy Airspan and certain of its subsidiaries who are party to the Fortress Credit Agreement entered into a joinder agreement to add Legacy Airspan and such subsidiaries as guarantors under the Convertible Note Purchase Agreement and to reaffirm the obligations and security intended to be granted thereby. On March 29, 2022, we and certain of our subsidiaries who are party to the Convertible Note Purchase Agreement entered into the Convertible Note Purchase Agreement Amendment to, among other things, amend the financial covenants included in the Convertible Note Purchase Agreement, the conversion price of the Convertible Notes and the optional redemption provisions of the Convertible Notes. SoftBank has an indirect, non-controlling beneficial interest in Fortress, which is the collateral agent and trustee under the Convertible Note Purchase Agreement and the Convertible Notes. SoftBank has an indirect, non-controlling beneficial interest in each holder of Convertible Notes.

The Convertible Notes bear interest at the Base Rate, payable quarterly in arrears on March 31, June 30, September 30 and December 31 of each year, beginning on September 30, 2021. Under certain circumstances, a default interest will apply following an event of default under the Convertible Notes at a per annum rate equal to the lower of (i) the Base Rate plus 3.75% and (ii) the maximum amount permitted by law. The Convertible Notes mature on December 30, 2024, unless earlier accelerated, converted, redeemed or repurchased. The Convertible Notes are secured by substantially all of our assets and a pledge of the capital stock of our subsidiaries.

Prior to the Convertible Note Purchase Agreement Amendment, each Convertible Note, together with all accrued but unpaid interest thereon, was convertible, in whole or in part, at the option of the holder thereof, at any time prior to the payment in full of the principal amount thereof (together with all accrued but unpaid interest thereon), into shares of our Common Stock at a conversion price equal to \$12.50 per share. Pursuant to the Convertible Note Purchase Agreement Amendment, the conversion price with respect to the Convertible Notes was decreased to \$8.00 per share. The conversion price with respect to the Convertible Notes is subject to adjustment to reflect stock splits and subdivisions, stock and other dividends and distributions, recapitalizations, reclassifications, combinations and other similar changes in capital structure. The conversion price with respect to the Convertible Notes is subject to a broad-based weighted average anti-dilution adjustment in the event we issue, or are deemed to have issued, shares of our Common Stock, other than certain excepted issuances, at a price below the conversion price then in effect. In addition, pursuant to the Convertible Note Purchase Agreement Amendment, if, during the period commencing on and including the date of the Convertible Note Purchase Agreement Amendment and ending on and including the 15-month anniversary of the date of the Convertible Note Purchase Agreement Amendment, there is no 30 consecutive trading day-period during which the average of the Daily VWAPs for such 30 consecutive trading day-period (after excluding the three highest and three lowest Daily VWAPs during such period) equals or exceeds \$10.00 (as adjusted for stock splits, stock combinations, dividends, distributions, reorganizations, recapitalizations and the like), the conversion price with respect to the Convertible Notes will be reduced to the amount that such conversion price would otherwise have been had the conversion price with respect to the Convertible Notes been \$6.00 on the date of the Convertible Note Purchase Agreement Amendment. Notwithstanding the above, the number of shares of our Common Stock that may be acquired by a holder upon any conversion of a Convertible Note will be limited to the extent necessary to insure that, following such conversion, the total number of shares of our Common Stock then beneficially owned by that holder and its affiliates and any other person whose beneficial ownership of our Common Stock would be aggregated with the holder's for purposes of Section 13(d) of the Exchange Act does not exceed 4.999% of the total number of issued and outstanding shares of our Common Stock (including the shares of our Common Stock issuable upon such conversion).

Upon the occurrence of a change of control, or if our Common Stock or other securities into which the Convertible Notes are then convertible cease to be listed for trading on a U.S. national securities exchange, in each case, prior to the maturity date of the Convertible Notes, a holder of Convertible Notes will have the right, at its option, to require us to repurchase for cash all or a portion of the holder's Convertible Notes at a repurchase price equal to the sum of (i) all of the principal to be repurchased, (ii) any accrued and unpaid interest thereon through the date of repurchase, and (iii) any applicable make-whole amount. In addition, a future voluntary prepayment of our senior secured debt under the Fortress Credit Agreement will grant a holder of Convertible Notes the right, at its option, to require us to repurchase for cash a proportionate amount of the holder's Convertible Notes at a repurchase price equal to the sum of (a) the principal to be repurchased, (b) any accrued and unpaid interest thereon to the date of repurchase, and (c) any applicable make-whole amount. In the event certain other events occur or conditions exist, including the issuance of certain Indebtedness (as defined in the Convertible Note Purchase Agreement), certain asset dispositions, and certain issuances of equity, a holder of Convertible Notes will have the right, at its option, to require us to repurchase for cash a portion of the holder's Convertible Notes at a repurchase price equal to the sum of (x) the principal to be repurchased, (y) any accrued and unpaid interest thereon to the date of repurchase, and (z) any applicable make-whole amount. In the event certain cash flow thresholds are exceeded or certain proceeds of condemnation or insurance are received and not reinvested, a holder of Convertible Notes will have the right, at its option, to require us to repurchase for cash a portion of the holder's Convertible Notes at a repurchase price equal to the sum of (A) all of the principal to be repurchased, and (B) any accrued and unpaid interest thereon to or through, as applicable, the date of repurchase.

The Convertible Notes will not be redeemable by us prior to the second anniversary of the issuance of the Convertible Notes. On or after such second anniversary, the Convertible Notes will be redeemable, in whole or in part, by us for cash, shares of our Common Stock or any combination thereof, at our option, if the last reported sale price of our Common Stock has been at least 130% of the "triggering price" then in effect for the 30 consecutive trading days ending on, and including, the trading day immediately preceding the date on which we provide notice of redemption to the holders of Convertible Notes at a redemption price equal to (i) all of the principal to be redeemed, (ii) any accrued and unpaid interest thereon through the date of redemption, and (iii) any applicable make-whole amount. The current "triggering price" is \$12.50 per share, which triggering price is subject to adjustment in the same manner and at the same times as the conversion price with respect to the Convertible Notes is adjusted pursuant to the terms of the Convertible Notes, except that no adjustment will be made to the triggering price in connection with the Stock Threshold Reduction.

The terms of the Convertible Notes and the Convertible Note Purchase Agreement contains representations and warranties, events of default and affirmative and negative covenants, which include, among other things, certain restrictions on the ability to pay dividends, create liens, incur additional indebtedness, make investments, dispose of assets, consummate business combinations (except for permitted investments, as defined in the Convertible Note Purchase Agreement), and make distributions. In addition, financial covenants apply. Prior to the Convertible Note Purchase Agreement Amendment, these financial covenants included (a) minimum liquidity of \$5.0 million, (b) minimum last twelve-month revenue and (c) minimum last twelve-month EBITDA and certain other expenses including non-cash stock compensation, non-recurring costs in connection with the loan and Convertible Notes documentation and the Business Combination, warrant liabilities, and other noncash amortization expenses, in each case, determined in accordance with GAAP. Pursuant to the Convertible Note Purchase Agreement Amendment, the financial covenants included in the Convertible Note Purchase Agreement were amended to increase the minimum liquidity requirement to an amount between \$15.0 million and \$20.0 million, depending on EBITDA performance levels and whether a default or event of default exists under the Convertible Note Purchase Agreement, and decrease the minimum last twelve-month revenue and EBITDA requirements. Revenue and EBITDA financial covenants are tested quarterly. The Convertible Notes are *pari passu* in right of payment and lien priority and are secured by a security interest in (a) all of the real, personal and mixed property in which liens are granted or purported to be granted pursuant to any of the collateral documents as security for the obligations, (b) all products, proceeds, rents and profits of such property, (c) all of each loan party's book and records and (d) all of the foregoing whether now owned or existing, in each case excluding certain excluded assets.

During the year ended December 31, 2021, we paid approximately \$1.3 million in interest and no principal under the Convertible Notes.

Indemnification Agreements

We have entered into separate indemnification agreements with our directors and executive officers, in addition to the indemnification provided for in the Certificate of Incorporation and our Bylaws. These agreements, among other things, require us to indemnify our directors and executive officers for certain expenses, including attorneys' fees, judgments, fines and settlement amounts incurred by a director or executive officer in any action or proceeding arising out of their services as one of our directors or executive officers or as a director or executive officer of any other company or enterprise to which the person provides services at our request. We believe that these provisions and indemnification agreements are necessary to attract and retain qualified persons as directors and officers.

The limitation of liability and indemnification provisions in the Certificate of Incorporation and our Bylaws may discourage stockholders from bringing a lawsuit against our directors for breach of their fiduciary duties. They may also reduce the likelihood of derivative litigation against directors and officers, even though an action, if successful, might benefit us and our stockholders. A stockholder's investment may decline in value to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions.

Prior to the Closing, Legacy Airspan and New Beginnings had also entered into customary indemnification agreements with all of their respective directors and executive officers.

Legacy Airspan

Investment Private Placement

Contemporaneously with the execution of the Business Combination Agreement, certain investors entered into certain subscription agreements, pursuant to which such investors agreed to subscribe for and purchase shares of Common Stock at a purchase price of \$10.00 per share in a transaction to be consummated immediately prior to the consummation of the Business Combination (the "PIPE"). SoftBank and Oak Investment Partners ("Oak"), each of whom, at the time of the subscription agreements, beneficially owned more than 5% of the issued and outstanding Legacy Airspan Common Stock, on a fully-converted basis, agreed to invest in the PIPE. The investments in the PIPE closed on August 13, 2021. In addition, Bandel Carano, the general partner of Oak, and Scot Jarvis and Thomas Huseby, venture partners of Oak, were members of the Legacy Airspan board of directors prior to Closing and are current members of our Board.

Stockholder Support Agreement

Concurrently with the execution of the Business Combination Agreement, New Beginnings and Oak, Qualcomm Incorporated and SoftBank (collectively, the "Key Airspan Stockholders") entered into a Stockholder Support Agreement, pursuant to which such Key Airspan Stockholders agreed, among other things, to vote their shares of Legacy Airspan common stock, Legacy Airspan Class B common stock and voting Legacy Airspan preferred stock in favor of adopting the Business Combination Agreement and approving the Business Combination. The Key Airspan Stockholders include Oak, with whom our current Board members Bandel Carano, Scot Jarvis and Thomas Huseby are affiliated, and Qualcomm Incorporated ("Qualcomm"), with whom, Quinn Li, a former member of the Legacy Airspan board of directors, is affiliated. The Stockholder Support Agreement terminated at Closing.

Equity Financings

Series H Senior Preferred Stock Financing

From December 14, 2020 to February 2, 2021, Legacy Airspan sold an aggregate of 181,294 shares of its Series H Senior Preferred Stock at a purchase price of \$61.50 per share, for an aggregate purchase price of \$11,149,581, pursuant to its Series H Senior Preferred Stock financing.

The following table summarizes purchases of Legacy Airspan's Series H Senior Preferred Stock by related persons and their affiliated entities. None of Legacy Airspan's executive officers purchased shares of its Series H Senior Preferred Stock.

Stockholder	Shares of Legacy Airspan Series H Senior Preferred Stock	Total Purchase Price
Oak Investment Partners XIII, Limited Partnership ⁽¹⁾	56,910	\$ 3,499,965
Qualcomm Incorporated ⁽²⁾	12,194	\$ 749,931
Connis Point Partners, LLC ⁽³⁾	4,066	\$ 250,059
New Enterprise Associates 14, L.P. ⁽⁴⁾	29,594	\$ 1,820,031
NEA 15 Opportunity Fund, L.P. ⁽⁴⁾	2,928	\$ 180,072
SoftBank Group Capital Limited ⁽⁵⁾	48,780	\$ 2,999,970

(1) Bandel Carano, a member of Legacy Airspan's board of directors at the time of the investment and current member of our Board, is general partner of Oak. Scot Jarvis and Thomas Huseby, members of Legacy Airspan's board of directors at the time of the investment and current members of our Board, are venture partners in Oak.

(2) Quinn Li, a member of Legacy Airspan's board of directors at the time of the investment, is affiliated with Qualcomm.

(3) Scot Jarvis, a member of Legacy Airspan's board of directors at the time of the investment and a current member of our Board is an affiliate of Connis Point Partners, LLC.

(4) NEA is a former stockholder of Mimosa and, prior to the Closing, held 234,856 shares of Legacy Airspan's Class B common stock.

(5) SoftBank is our subordinated lender and has an indirect, non-controlling beneficial interest in Fortress, which is the agent and principal lender under the Fortress Credit Agreement and the collateral agent and trustee under the Convertible Note Purchase Agreement and the Convertible Notes, and also has an indirect, non-controlling beneficial interest in each Convertible Notes Purchaser.

SoftBank

On October 1, 2015, Legacy Airspan issued a warrant to SoftBank to purchase shares of Legacy Airspan's Series D Preferred Stock, par value \$0.0001 per share, which was amended by Amendment No. 1, dated February 3, 2016, Amendment No. 2, dated July 1, 2016 and Amendment No. 3, dated July 3, 2017 (the "SoftBank Warrant"). In connection with the Business Combination, on March 8, 2021, concurrently with the execution of the Business Combination Agreement, SoftBank and New Beginnings entered into the an irrevocable proxy agreement (the "Proxy Agreement"), pursuant to which, among other things, SoftBank granted to the proxyholder named therein an irrevocable proxy and power of attorney with respect to any shares of Common Stock held by SoftBank representing in excess of 9.90% of our voting power in any applicable vote, consent, election, waiver or other action of our stockholders (the "Subject Shares"). Pursuant to the Proxy Agreement the proxyholder named in the Proxy Agreement will vote the Subject Shares in the same manner and proportion as all other shares of stock entitled or eligible to vote on the applicable matter, excluding any shares of stock held by SoftBank and its affiliates. As consideration for, among other things, SoftBank's cooperation with, participation in, and consent to the Business Combination and the entry into the Proxy Agreement, Legacy Airspan and SoftBank agreed to amend and restate the SoftBank Warrant to, among other things, (i) reduce the purchase price to \$45.9875 per share and (ii) provide for the automatic net exercise of the warrant upon the completion of the Business Combination.

As further described above under “*Certain Relationships and Related Person Transactions — Airspan — Amended Credit Agreement*” and “*Certain Relationships and Related Person Transactions — Airspan — Convertible Notes*,” SoftBank has an indirect, non-controlling beneficial interest in Fortress, which is the agent and principal lender under the Fortress Credit Agreement and the collateral agent and trustee under the Convertible Note Purchase Agreement and the Convertible Notes, and also has an indirect, non-controlling beneficial interest in each Convertible Notes Purchaser.

SoftBank is a subordinated lender to Legacy Airspan under the term loan agreement, dated February 9, 2016, as amended by amendments thereto, including Amendment No. 5 thereto dated as of December 30, 2020 (the “SoftBank Working Capital Agreement”). At December 31, 2021, there was approximately \$38.0 million aggregate principal amount of indebtedness outstanding under the SoftBank Working Capital Agreement. The SoftBank Working Capital Agreement bears interest at a rate of 9% per annum. Since January 1, 2021, we have paid no principal and have accrued, but not yet paid any interest, under the SoftBank Working Capital Agreement.

We derived approximately \$0.6 million in revenue from sales of products and services to SoftBank from January 1, 2021 through December 31, 2021. Additionally, we derived approximately \$1.2 million in revenue from sales of products and services to Dense Air Limited between January 1, 2021 and December 31, 2021. During the year ended December 31, 2021, Dense Air Limited was controlled by SoftBank.

Pendrell Corporation (“Pendrell”)

Pendrell is a lender under the Fortress Credit Agreement and through affiliates, prior to Closing, held warrants to purchase an aggregate of 8,130 shares of Legacy Airspan’s Series H Senior Preferred Stock at a price of \$61.50 per share expiring on December 30, 2025. Prior to the Closing, Pendrell also owned an aggregate of 16,260 shares of Legacy Airspan’s Series H Senior Preferred Stock.

Reliance

We are a supplier of products to Reliance. Reliance has accounted for approximately \$38.4 million of our revenues between January 1, 2021 through December 31, 2021. Prior to the Closing, Reliance held an aggregate of 162,602 shares of Legacy Airspan’s Series D Preferred Stock.

Mr. Mathew Oommen, our director, is affiliated with Reliance.

Foxconn Technology Group (“Foxconn”)

Foxconn is our principal manufacturing supplier and has extensive commercial relationships with our company. In the period from January 1, 2021 to December 31, 2021, we paid Foxconn approximately \$66.8 million. Prior to Closing, Foxconn affiliated entities held an aggregate of 96,699 shares of Legacy Airspan’s Series E Senior Preferred Stock (held by ICREATE Investments Limited) and 113,821 shares of Legacy Airspan’s Series G Senior Preferred Stock (held by Fii USA Inc.).

Legacy Airspan Investors’ Rights Agreement

Legacy Airspan entered into a second amended and restated investors’ rights agreement, dated December 14, 2020 (the “Investors’ Rights Agreement”), which granted rights to certain holders of Legacy Airspan’s stock, including Oak, with whom our current Board members Bandel Carano, Scot Jarvis and Thomas Huseby are affiliated, and Qualcomm, with whom Quinn Li, a member of Legacy Airspan’s board of directors, is affiliated. The Investors’ Rights Agreement also provided the parties thereto with certain registration rights, information and inspection rights, drag-along rights and right of first offer rights, among other rights. The Investors’ Rights Agreement terminated upon the consummation of the Business Combination.

New Beginnings

In September 2020, the Sponsor purchased 2,156,250 Founder Shares for an aggregate purchase price of \$25,000, or approximately \$0.012 per share. On October 20, 2020, New Beginnings effected a stock dividend resulting in the Sponsor holding 2,875,000 Founder Shares, representing an adjusted purchase price of approximately \$0.009 per share. The Founder Shares, after giving effect to the stock dividend, included an aggregate of up to 375,000 shares of Common Stock subject to forfeiture if the over-allotment option with respect to the IPO was not exercised by the underwriters in full. In connection with the underwriters' full exercise of their over-allotment option in November 2020, the 375,000 shares were no longer subject to forfeiture.

The Sponsor has agreed not to transfer, assign or sell its Founder Shares until the earlier of (i) one year after the date of the consummation of the Business Combination or (ii) the date on which the closing price of our shares of Common Stock equals or exceeds \$12.50 per share (as adjusted for stock splits, stock dividends, reorganizations, recapitalizations and the like) for any 20 trading days within any 30-trading day period commencing after the Business Combination, or earlier, in either case, if, subsequent to the Business Combination, we consummate a subsequent liquidation, merger, stock exchange or other similar transaction which results in all of our stockholders having the right to exchange their shares of Common Stock for cash, securities or other property.

In September 2020, New Beginnings issued an unsecured promissory note to the Sponsor, pursuant to which New Beginnings could borrow up to an aggregate principal amount of \$200,000 to be used for a portion of the expenses of the IPO. This loan was non-interest bearing, unsecured and due at the earlier of December 31, 2020 or the closing of the IPO. The loan would be repaid upon the closing of the IPO out of the offering proceeds not held in New Beginnings' trust account. On November 2, 2020, New Beginnings repaid \$120,000 to the Sponsor.

Contemporaneously with the execution of the Business Combination Agreement, on March 8, 2021, the Sponsor entered into a Sponsor Support Agreement with Legacy Airspan and New Beginnings (the "Sponsor Support Agreement"), pursuant to which the Sponsor agreed, among other things, subject to the terms and conditions of the Sponsor Support Agreement, (a) to forfeit 125,000 shares of our Common Stock held by the Sponsor immediately prior to the Closing, (b) to vote all shares of Common Stock held by the Sponsor at such time in favor of the approval and adoption of the Business Combination Agreement and approval of the Business Combination and the other related proposals, (c) to abstain from exercising any redemption rights with respect to any shares of Common Stock held by Sponsor and (d) that it would not transfer any of the shares of Common Stock held by the Sponsor or otherwise agree to transfer such shares, except pursuant to the Sponsor Support Agreement. The Sponsor Support Agreement terminated at the Closing.

Related Party Transactions Policies

Our Code of Business Conduct and Ethics requires us to avoid, wherever possible, all related party transactions that could result in actual or potential conflicts of interests, except under guidelines approved by our Board (or the audit committee). A conflict of interest situation can arise when a person takes actions or has interests that may make it difficult to perform his or her work objectively and effectively. Conflicts of interest may also arise if a person, or a member of his or her family, receives improper personal benefits as a result of his or her position.

Our audit committee, pursuant to its written charter, is responsible for reviewing and approving related-party transactions to the extent we enter into such transactions. The audit committee will consider all relevant factors when determining whether to approve a related party transaction, including whether the related party transaction is on terms no less favorable to us than terms generally available from an unaffiliated third-party under the same or similar circumstances and the extent of the related party's interest in the transaction. No director may participate in the approval of any transaction in which he or she is a related party, but that director is required to provide the audit committee with all material information concerning the transaction. We also expect to require each of our directors and executive officers to complete a directors' and officers' questionnaire that elicits information about related party transactions.

These procedures are intended to determine whether any such related party transaction impairs the independence of a director or presents a conflict of interest on the part of a director, employee or officer.

Director Independence

NYSE American listing standards require that a majority of our board of directors be independent. An “independent director” is defined generally as a person other than an officer or employee of the company or its subsidiaries or any other individual having a relationship which in the opinion of the company’s board of directors, would interfere with the director’s exercise of independent judgment in carrying out the responsibilities of a director. Our board of directors has determined that Ms. Seshamani and Messrs. Carano, Flynn, Huseby, Jarvis, Liebowitz and Trempont are “independent directors” as defined in the NYSE American listing standards and applicable SEC rules. Prior to the consummation of the Business Combination, the board of directors of New Beginnings had determined that former New Beginnings directors Mr. Benjamin Garrett, Mr. Frank A. Del Rio, Mr. Perry Weitz and Dean Kate Walsh were “independent directors” as defined in the NYSE American listing standards and applicable SEC rules. Our independent directors have regularly scheduled meetings at which only independent directors are present.

Item 14. Principal Accountant Fees and Services.

Principal Accounting Fees and Services

The aggregate fees billed by Grant Thornton LLP for professional services rendered to us for the years ended December 31, 2021 and 2020 are set forth in the table below.

	For the Fiscal Years Ended December 31,	
	2021	2020
Audit Fees ⁽¹⁾	\$ 746,948	\$ 539,267
Audit-Related Fees ⁽²⁾	—	—
Tax Fees ⁽³⁾	34,442	84,226
All Other Fees ⁽⁴⁾	—	—
Total	<u>\$ 781,390</u>	<u>\$ 623,493</u>

(1) Audit fees consist of fees billed for professional services rendered for the audit of our consolidated financial statements, reviews of interim financial information and services that are normally provided by our independent auditors in connection with statutory and regulatory filings or engagements. The aggregate fees billed in 2021 include audit services related to the Business Combination.

(2) Audit-related fees consist of fees that are reasonably related to the performance of the audit or review of our financial statements and are not reported as audit fees.

(3) Tax fees consist of fees for professional services rendered for tax compliance, tax advice, and tax planning.

(4) Other fees consist of fees not otherwise reported as audit fees, audit-related fees or tax fees.

Pre-Approval Policy

Our Audit Committee Charter requires the Audit Committee to review and pre-approve all audit services and all permissible non-audit services to be performed for us by our independent registered public accounting firm, other than non-audit services that are subject to exceptions to pre-approval available under applicable laws and rules related to immaterial aggregate amounts of services. All services provided by of our independent registered public accounting firm for the fiscal years ended December 31, 2021 and 2020 were pre-approved by the Audit Committee.

PART IV

Item 15. Exhibits and Financial Statement Schedules.

- (1) Financial Statements. See “Index to Consolidated Financial Statements” in Part II, Item 8 of this Annual Report on Form 10-K.
- (2) Financial Statement Schedules. All schedules are omitted either because they are not required or the required information is shown in the consolidated financial statements or notes thereto.
- (3) Exhibits. The exhibits listed on the accompanying “Exhibit Index” are filed or incorporated by reference as part of this Annual Report on Form 10-K, unless otherwise indicated.

Item 16. Form 10-K Summary

Not applicable.

Exhibit Index

Exhibit Number	Description	Incorporated by Reference		
		Form	Exhibit	Filing Date
2.1†	Business Combination Agreement, dated as of March 8, 2021, by and among New Beginnings, Merger Sub and Legacy Airspan	S-4	2.1	05/14/2021
3.1	Second Amended and Restated Certificate of Incorporation	8-K	3.1	08/19/2021
3.2	Amended and Restated Bylaws			
4.1	Specimen Common Stock Certificate	8-K	4.1	08/19/2021
4.2	Specimen Public Warrant and Private Placement Warrant Certificate	S-1	4.3	10/22/2020
4.3	Warrant Agreement, dated October 29, 2020, by and between New Beginnings and Continental Stock Transfer & Trust Company, as warrant agent	8-K	4.1	11/02/2020
4.4	Warrant Agreement, dated August 13, 2021 by and between the Company and Continental Stock Transfer & Trust Company, as warrant agent	8-K	4.4	08/19/2021
4.5	Specimen Post-Combination Warrant Certificate	S-4	4.6	6/21/2021
4.6†*	Customer Warrant, dated March 5, 2021, by and between Legacy Airspan and DISH Network Corporation	S-1	4.6	9/10/2021
4.7	Description of Securities Registered Pursuant to Section 12 of the Exchange Act			
10.1	Amended and Restated Registration Rights and Lock-Up Agreement, dated as of August 13, 2021, by and among the Company, certain equityholders of the Company named therein and certain equityholders of Legacy Airspan named therein	8-K	10.1	08/19/2021
10.2†^	Stockholders Agreement, dated as of August 13, 2021, by and among the Company and certain stockholders of the Company named therein	8-K	10.2	08/19/2021
10.3†^	Waiver and Consent, Second Amendment, Restatement, Joinder and Omnibus Amendment to Credit Agreement and Other Loan Documents, dated as of August 13, 2021, by and among the Company, Airspan Networks Inc., certain of its subsidiaries, as guarantors, DBFIP ANI LLC, as administrative and collateral agent, and the holders of the Convertible Notes party thereto	8-K	10.3	08/19/2021
10.4	Sponsor Support Agreement, dated as of March 8, 2021, by and among the Company, Legacy Airspan and the Sponsor	S-4	10.1	05/14/2021
10.5†	Stockholder Support Agreement, dated as of March 8, 2021, by and among the Company and certain stockholders of Legacy Airspan party thereto	S-4	10.2	05/14/2021
10.6	Form of Subscription Agreement	S-4	10.3	5/14/2021
10.7	Letter Agreement by and among the Company and each of the Company's initial stockholders, officers and directors	S-1	10.1	10/22/2020
10.8#	Airspan Networks Inc. 2009 Omnibus Equity Plan, including the amendments thereto	S-4	10.10	05/14/2021
10.9#	2021 Stock Incentive Plan	S-4	10.11	05/14/2021
10.10#	Form of Stock Option Award under 2021 Stock Incentive Plan for Chief Executive Officer and Chief Financial Officer	S-4	10.12	05/14/2021
10.11#	Form of Stock Option Award under 2021 Stock Incentive Plan for Other Employees	S-4	10.13	05/14/2021
10.12#	Form of Stock Option Award under 2021 Stock Incentive Plan for Non-Employee Directors	S-4	10.14	05/14/2021
10.13#	Form of MIP RSU	S-4	10.15	05/14/2021
10.14#	Form of RSU Award under 2021 Stock Incentive Plan			
10.15#	Form of Exchanged Restricted Stock Award	S-4	10.16	05/14/2021
10.16#	Form of RSU for Exchanged Restricted Stock	S-4	10.17	05/14/2021
10.17#	Employment Letter Agreement dated October 7, 2009 between Airspan Networks Inc. and Eric Stonestrom	S-4	10.19	05/14/2021

10.18#	<u>Employment Letter Agreement dated October 7, 2009 between Airspan Networks Inc. and David Brant</u>	S-4	10.20	05/14/2021
10.19#	<u>Employment Offer Letter dated February 8, 2001, as amended, between Airspan Networks Inc. and Henrik Smith-Petersen</u>	S-4	10.21	05/14/2021
10.20†	<u>Convertible Note Purchase Agreement, dated August 6, 2015, by and between Airspan Networks Inc. and Golden Wayford Limited</u>	S-4	10.23	05/14/2021
10.21†^	<u>Amendment No. 1 to Convertible Note Purchase Agreement, dated August 19, 2016, by and between Airspan Networks Inc. and Golden Wayford Limited</u>	S-4	10.24	05/14/2021
10.22†	<u>Amendment No. 2 to Convertible Note Purchase Agreement, dated November 28, 2017, by and between Airspan Networks Inc. and Golden Wayford Limited</u>	S-4	10.25	05/14/2021
10.23	<u>Term Loan Agreement, dated February 9, 2016, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.26	05/14/2021
10.24	<u>Amendment No. 1 to Term Loan Agreement, dated July 12, 2016, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.27	05/14/2021
10.25	<u>Amendment No. 2 to Term Loan Agreement, dated July 3, 2017, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.28	05/14/2021
10.26	<u>Amendment No. 3 to Term Loan Agreement, dated May 23, 2019, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.29	05/14/2021
10.27	<u>Amendment No. 4 to Term Loan Agreement, dated March 30, 2020, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.30	05/14/2021
10.28	<u>Amendment No. 5 to Term Loan Agreement, dated December 30, 2020, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.31	05/14/2021
10.29	<u>Amendment to Amendment No. 5 to Loan Agreement, dated as of February 12, 2021, by and between SoftBank Group Capital Limited and Airspan Networks Inc.</u>	S-4	10.32	05/14/2021
10.30	<u>Irrevocable Proxy and Power of Attorney, dated March 8, 2021, by and among SoftBank Group Capital Limited and the Registrant</u>	S-4	10.33	05/14/2021
10.31*	<u>Master Services Agreement, dated November 25, 2019, by and between Gogo Business Aviation LLC and Airspan Networks Inc.</u>	S-4	10.34	05/14/2021
10.32*	<u>Supply and Product Support Agreement, dated November 25, 2019, by and between Gogo Business Aviation LLC and Airspan Networks Inc.</u>	S-4	10.35	05/14/2021
10.33*	<u>OFDMA Smallcell License Agreement, dated August 25, 2014, by and between QUALCOMM Incorporated and Airspan Networks Inc.</u>	S-4	10.35	06/21/2021
10.34*	<u>Amendment to OFDMA Smallcell License Agreement, dated July 1, 2015, by and between QUALCOMM Incorporated and Airspan Networks Inc.</u>	S-4	10.36	06/21/2021
10.35*	<u>Components Supply Agreement, dated November 14, 2015, by and between QUALCOMM CDMA Technologies Asia-Pacific Pte. Ltd. and Airspan Networks Inc.</u>	S-4	10.37	06/21/2021
10.36†*	<u>Supply Agreement between Airspan Networks Inc. and Hon Hai Ind. Co., Ltd., effective April 1, 2016</u>	S-4	10.38	06/21/2021
10.37*	<u>Manufacturing Supply Agreement made and entered into as of May 31, 2019 by Airspan Communications Limited and Cape EMS Manufacturing (M) Sdn. Bhd. & Cap Manufacturing (M) Sdn. Bhd.</u>	S-4	10.39	06/21/2021
10.38*	<u>Amendment to Components Supply Agreement, dated January 19, 2017, by and between QUALCOMM CDMA Technologies Asia-Pacific Pte. Ltd. and Airspan Networks Inc.</u>	S-4	10.40	06/21/2021
10.39*	<u>Amendment to Components Supply Agreement, dated January 23, 2018, by and between QUALCOMM CDMA Technologies Asia-Pacific Pte. Ltd. and Airspan Networks Inc.</u>	S-4	10.41	06/21/2021

10.40*	Amendment to Components Supply Agreement, dated October 23, 2019, by and between QUALCOMM CDMA Technologies Asia-Pacific Pte. Ltd. and Airspan Networks Inc.	S-4	10.42	06/21/2021
10.41	Amendment One to Supply Agreement, dated as of January 1, 2018, between Airspan Networks Inc., Cloud Network Technology Singapore Pte. Ltd. and Hon Hai Ind. Co., Ltd.	S-4	10.43	06/21/2021
10.42	Amendment Two to Supply Agreement, dated effective as of February 21, 2020, between Airspan Networks Inc. and Hon Hai Ind. Co., Ltd.	S-4	10.44	06/21/2021
10.43†^	Assignment of Loan dated December 30, 2020 by Pacific Western Bank, as existing agent and lender, Ally Bank, as existing lender, and DBFIP ANI LLC and Pendrell Corporation, as buyers	S-4	10.45	06/21/2021
10.44^	Resignation and Assignment Agreement, entered into as of December 30, 2020, by and among Pacific Western Bank, as agent, DBFIP ANI LLC, as successor agent, Airspan Networks Inc. and each of the other borrowers and guarantors party thereto	S-4	10.46	06/21/2021
10.45	First Amendment to Credit Agreement, dated as of June 14, 2021, by and among Airspan Networks Inc., certain of its subsidiaries, as guarantors, and DBFIP ANI LLC, as administrative and collateral agent	S-4	10.47	06/21/2021
10.46†	Limited Consent, dated March 8, 2021, among Airspan Networks Inc., as borrower, certain subsidiaries of Airspan Networks Inc., as guarantors, DBFIP ANI LLC, as administrative agent and collateral agent, and the lenders from time to time party to the Fortress Credit Agreement.	S-4	10.48	06/21/2021
10.47	Third Amendment and Waiver to Credit Agreement and Other Loan Documents, dated as of March 29, 2022, by and among Airspan Networks Inc., as borrower, the Company, as holdings, certain of the Company's other subsidiaries, as guarantors, the lenders party thereto and DBFIP ANI LLC, as administrative agent and collateral agent	8-K	10.1	03/30/2022
10.48	Form of Director and Officer Indemnification Agreement.	S-4	10.50	06/21/2021
10.49	Senior Secured Convertible Note Purchase and Guarantee Agreement, dated July 30, 2021, by and among the Company, Artemis Merger Sub Corp., DBFIP ANI LLC, as agent, collateral agent and trustee and the purchasers party thereto.	8-K	10.1	08/02/2021
10.50†^	Joinder Agreement, dated as of August 13, 2021, by Airspan Networks Holdings Inc. and the guarantors party thereto to DBFIP ANI LLC, in its capacities as administrative agent, collateral agent and trustee for the holders of the Convertible Notes	8-K	10.48	08/19/2021
10.51	First Amendment and Waiver to Senior Secured Convertible Note Purchase and Guarantee Agreement and Other Note Documents, dated as of March 29, 2022, by and among the Company, as issuer, certain of the Company's subsidiaries, as guarantors, the holders party thereto and DBFIP ANI LLC, as agent, collateral agent and trustee	8-K	10.2	03/30/2022
16.1	Letter from Marcum LLP to the U.S. Securities and Exchange Commission, dated August 16, 2021	8-K	16.1	08/19/2021
21.1	Subsidiaries of the Company.			
23.1	Consent of Grant Thornton LLP			
31.1	Certification of Principal Executive Officer pursuant to Rule 13a-14(a) and Rule 15d-14(a) under the Exchange Act, as adopted pursuant to Section 302 of the Sarbanes Oxley Act of 2002.			
31.2	Certification of Principal Financial Officer pursuant to Rule 13a-14(a) and Rule 15d-14(a) under the Exchange Act, as adopted pursuant to Section 302 of the Sarbanes Oxley Act of 2002.			

32.1	<u>Certification of Principal Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002.</u>
32.2	<u>Certification of Principal Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002.</u>
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover Page Interactive Data File (Formatted as Inline XBRL and contained in Exhibit 101)

Indicates management contract or compensatory plan or arrangement.

† Certain of the exhibits and schedules to this Exhibit have been omitted in accordance with Regulation S-K Item 601(a)(5). The Company agrees to furnish a copy of all omitted exhibits and schedules to the SEC upon its request.

^ Certain provisions of this Exhibit have been omitted in accordance with Regulation S-K Item 601(a)(6)

* Certain provisions of this Exhibit have been omitted in accordance with Regulation S-K Item 601(b)(10)(iv).

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, on April 8, 2022.

AIRSPAN NETWORKS HOLDINGS INC.

By: /s/ Eric Stonestrom
Name: Eric Stonestrom
Title: Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signature	Title	Date
<u>/s/ Eric Stonestrom</u> Eric Stonestrom	Chief Executive Officer and Director (Principal Executive Officer)	April 8, 2022
<u>/s/ David Brant</u> David Brant	Senior Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)	April 8, 2022
<u>/s/ Thomas S. Huseby</u> Thomas S. Huseby	Director	April 8, 2022
<u>/s/ Bandel L. Carano</u> Bandel L. Carano	Director	April 8, 2022
<u>/s/ Michael T. Flynn</u> Michael T. Flynn	Director	April 8, 2022
<u>/s/ Scot B. Jarvis</u> Scot B. Jarvis	Director	April 8, 2022
<u>/s/ Michael Liebowitz</u> Michael Liebowitz	Director	April 8, 2022
<u>/s/ Mathew Oommen</u> Mathew Oommen	Director	April 8, 2022
<u>/s/ Divya Seshamani</u> Divya Seshamani	Director	April 8, 2022
<u>/s/ Dominique Trempont</u> Dominique Trempont	Director	April 8, 2022

Adopted as of August 13, 2021

AMENDED AND RESTATED BYLAWS
OF
AIRSPAN NETWORKS HOLDINGS INC.
(FORMERLY NEW BEGINNINGS ACQUISITION CORP.)

ARTICLE I.
MEETINGS OF STOCKHOLDERS

1.1 Place of Meetings. All meetings of the stockholders shall be held at such time and place, either within or without the State of Delaware, as shall be designated from time to time by the board of directors of the Corporation (the “**Board of Directors**”). The Board of Directors may, in its sole discretion, determine that a meeting of stockholders shall not be held at any place, but may instead be held solely by means of remote communication as provided under the General Corporation Law of the State of Delaware (the “**DGCL**”). In the absence of any such designation or determination, stockholders’ meetings shall be held at the Corporation’s principal executive office.

1.2 Annual Meetings. The Board of Directors shall designate the date and time of the annual meeting of stockholders. At the annual meeting, directors shall be elected and other proper business properly brought before the meeting in accordance with Section 1.4 of these Amended and Restated Bylaws (as the same may be amended, these “**Bylaws**”) may be transacted. The Board of Directors may postpone, reschedule or cancel any previously scheduled annual meeting of stockholders.

1.3 Special Meetings. Special meetings of the stockholders may be called only by such person or persons as authorized by the Corporation’s Second Amended and Restated Certificate of Incorporation (as the same may be amended or amended and restated from time to time, the “**Certificate of Incorporation**”). No business may be transacted at any special meeting of stockholders other than the business specified in the notice of such meeting. The Board of Directors may postpone, reschedule or cancel any previously scheduled special meeting of stockholders.

1.4 Notice of Business to be Brought before a Meeting.

(a) At any annual meeting of the stockholders, only such business shall be conducted as shall have been properly brought before the meeting in accordance with this Section 1.4. To be properly brought before the annual meeting, such business must be either (i) specified in a notice of meeting (or any supplement or amendment thereto) given by or at the direction of the Board of Directors, (ii) if not specified in a notice of meeting (or any supplement or amendment thereto), otherwise brought before the meeting by the Board of Directors, or (iii) otherwise properly brought before the meeting by a stockholder present in person (as defined below) who (A) (1) was a record owner of shares of the Corporation both at the time of giving the notice provided for in this Section 1.4 and at the time of the meeting, (2) is entitled to vote at the meeting and (3) has complied with this Section 1.4 in all applicable respects or (B) properly made such proposal in accordance with Rule 14a-8 under the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder (as so amended and inclusive of such rules and regulations, the “**Exchange Act**”). The foregoing clause (iii) shall be the exclusive means for a stockholder to propose business to be brought before an annual meeting of the stockholders. The only matters that may be brought before a special meeting are the matters specified in the notice of meeting given by or at the direction of the person calling the meeting pursuant to Section 1.3, and stockholders shall not be permitted to propose business to be brought before a special meeting of the stockholders. For purposes of this Section 1.4, “**present in person**” shall mean that the stockholder proposing that the business be brought before the annual meeting of the Corporation, or a qualified representative of such proposing stockholder (as defined below), appear at such annual meeting. A “**qualified representative**” of such proposing stockholder shall be a duly authorized officer, manager or partner of such stockholder or any other person authorized by a writing executed by such stockholder or an electronic transmission delivered by such stockholder to act for such stockholder as proxy at the meeting of stockholders and such person must produce such writing or electronic transmission, or a reliable reproduction of the writing or electronic transmission, at the meeting of stockholders. Notwithstanding anything in this Section 1.4 to the contrary, stockholders seeking to nominate persons for election to the Board of Directors must comply with Section 2.3, and this Section 1.4 shall not be applicable to nominations except as expressly provided in Section 2.3.

(b) For business to be properly brought before an annual meeting by a stockholder pursuant to this Section 1.4, the stockholder must (i) provide Timely Notice (as defined below) thereof in writing and in proper form to the Secretary of the Corporation and (ii) provide any updates or supplements to such notice at the times and in the forms required by this Section 1.4. To be timely, a stockholder’s notice must be delivered to, or mailed and received at, the principal executive offices of the Corporation not less than ninety (90) days nor more than one hundred twenty (120) days prior to the one-year anniversary of the preceding year’s annual meeting; provided, however, that, if no annual meeting was held in the preceding year, to be timely, a stockholder’s notice must be so delivered, or mailed and received, not earlier than the close of business on the one hundred twentieth (120th) day prior to such annual meeting and not later than the close of business on the later of the ninetieth (90th) day prior to such annual meeting or, if later, the tenth (10th) day following the day on which public disclosure of the date of such annual meeting was first made by the Corporation; provided, further, that, if the date of the annual meeting is more than thirty (30) days before or more than sixty (60) days after such anniversary date, to be timely, a stockholder’s notice must be so delivered, or mailed and received, not later than the ninetieth (90th) day prior to such annual meeting or, if later, the tenth (10th) day following the day on which public disclosure of the date of such annual meeting was first made by the Corporation (such notice within such time periods, “**Timely Notice**”). In no event shall any adjournment or postponement of an annual meeting or the announcement thereof commence a new time period for the giving of Timely Notice as described above.

(c) To be in proper form for purposes of this Section 1.4, a stockholder's notice to the Secretary of the Corporation shall set forth:

(i) As to each Proposing Person (as defined below): (A) the name and address of such Proposing Person (including, if applicable, the name and address that appear on the Corporation's books and records); and (B) the class or series and number of shares of the Corporation that are, directly or indirectly, owned of record or beneficially owned (within the meaning of Rule 13d-3 under the Exchange Act) by such Proposing Person, except that such Proposing Person shall in all events be deemed to beneficially own any shares of any class or series of the Corporation as to which such Proposing Person has a right to acquire beneficial ownership at any time in the future (the disclosures to be made pursuant to the foregoing clauses (A) and (B) are referred to as "**Stockholder Information**");

(ii) As to each Proposing Person, (A) the full notional amount of any securities that, directly or indirectly, underlie any "derivative security" (as such term is defined in Rule 16a-1(c) under the Exchange Act) that constitutes a "call equivalent position" (as such term is defined in Rule 16a-1(b) under the Exchange Act) ("**Synthetic Equity Position**") and that is, directly or indirectly, held or maintained by such Proposing Person with respect to any shares of any class or series of shares of the Corporation; provided that, for the purposes of the definition of "Synthetic Equity Position," the term "derivative security" shall also include any security or instrument that would not otherwise constitute a "derivative security" as a result of any feature that would make any conversion, exercise or similar right or privilege of such security or instrument becoming determinable only at some future date or upon the happening of a future occurrence, in which case the determination of the amount of securities into which such security or instrument would be convertible or exercisable shall be made assuming that such security or instrument is immediately convertible or exercisable at the time of such determination; and, provided, further, that any Proposing Person satisfying the requirements of Rule 13d-1(b)(1) under the Exchange Act (other than a Proposing Person that so satisfies Rule 13d-1(b)(1) under the Exchange Act solely by reason of Rule 13d-1(b)(1)(ii)(E)) shall not be deemed to hold or maintain the notional amount of any securities that underlie a Synthetic Equity Position held by such Proposing Person as a hedge with respect to a bona fide derivatives trade or position of such Proposing Person arising in the ordinary course of such Proposing Person's business as a derivatives dealer, (B) any rights to dividends on the shares of any class or series of shares of the Corporation owned beneficially by such Proposing Person that are separated or separable from the underlying shares of the Corporation, (C) any material pending or threatened legal proceeding in which such Proposing Person is a party or material participant involving the Corporation or any of its officers or directors, or any affiliate of the Corporation, (D) any other material relationship between such Proposing Person, on the one hand, and the Corporation or any affiliate of the Corporation, on the other hand, (E) any direct or indirect material interest in any material contract or agreement of such Proposing Person with the Corporation or any affiliate of the Corporation (including, in any such case, any employment agreement, collective bargaining agreement or consulting agreement), (F) a representation that such Proposing Person intends or is part of a group that intends to deliver a proxy statement or form of proxy to holders of at least the percentage of the Corporation's outstanding shares required to approve or adopt the proposal or otherwise solicit proxies from stockholders in support of such proposal and (G) any other information relating to such Proposing Person that would be required to be disclosed in a proxy statement or other filing required to be made in connection with solicitations of proxies or consents by such Proposing Person in support of the business proposed to be brought before the meeting pursuant to Section 14(a) of the Exchange Act (the disclosures to be made pursuant to the foregoing clauses (A) through (G) are referred to as "**Disclosable Interests**"); provided, however, that Disclosable Interests shall not include any such disclosures with respect to the ordinary course business activities of any broker, dealer, commercial bank, trust company or other nominee who is a Proposing Person solely as a result of being the stockholder directed to prepare and submit the notice required by these Bylaws on behalf of a beneficial owner; and

(iii) As to each item of business the stockholder proposes to bring before the annual meeting: (A) a brief description of the business desired to be brought before the annual meeting, the reasons for conducting such business at the annual meeting and any material interest in such business of each Proposing Person; (B) the text of the proposal or business (including the text of any resolutions proposed for consideration and in the event that such business includes a proposal to amend these Bylaws, the language of the proposed amendment); (C) a reasonably detailed description of all agreements, arrangements and understandings (x) between or among any of the Proposing Persons or (y) between or among any Proposing Person and any other person (including their names) in connection with the proposal of such business by such stockholder; and (D) any other information relating to such item of business that would be required to be disclosed in a proxy statement or other filing required to be made in connection with solicitations of proxies in support of the business proposed to be brought before the meeting pursuant to Section 14(a) of the Exchange Act; provided, however, that the disclosures required by this Section 1.4(c)(iii) shall not include any disclosures with respect to any broker, dealer, commercial bank, trust company or other nominee who is a Proposing Person solely as a result of being the stockholder directed to prepare and submit the notice required by these Bylaws on behalf of a beneficial owner.

(d) For purposes of this Section 1.4, the term “**Proposing Person**” shall mean (i) the stockholder providing the notice of business proposed to be brought before an annual meeting, (ii) the beneficial owner or beneficial owners, if different, on whose behalf the notice of the business proposed to be brought before the annual meeting is made, and (iii) any participant (as defined in paragraphs (a)(ii)-(vi) of Instruction 3 to Item 4 of Schedule 14A) with such stockholder in such solicitation.

(e) A Proposing Person shall update and supplement its notice to the Secretary of the Corporation of its intent to propose business at an annual meeting, if necessary, so that the information provided or required to be provided in such notice pursuant to this Section 1.4 shall be true and correct as of the record date for stockholders entitled to vote at the meeting and as of the date that is ten (10) business days prior to the meeting or any adjournment or postponement thereof, and such update and supplement shall be delivered to, or mailed and received by, the Secretary of the Corporation at the principal executive offices of the Corporation not later than five (5) business days after the record date for stockholders entitled to vote at the meeting (in the case of the update and supplement required to be made as of such record date), and not later than eight (8) business days prior to the date for the meeting or, if practicable, any adjournment or postponement thereof (and, if not practicable, on the first practicable date prior to the date to which the meeting has been adjourned or postponed) (in the case of the update and supplement required to be made as of ten (10) business days prior to the meeting or any adjournment or postponement thereof). For the avoidance of doubt, the obligation to update and supplement as set forth in this Section 1.4(e) or any other provision of these Bylaws shall not limit the Corporation’s rights with respect to any deficiencies in any notice provided by a stockholder, extend any applicable deadlines under this Section 1.4 or enable or be deemed to permit a stockholder who has previously submitted notice under this Section 1.4 to amend or update any proposal or to submit any new proposal, including by changing or adding matters, business or resolutions proposed to be brought before a meeting of the stockholders.

(f) Notwithstanding anything in these Bylaws to the contrary, no business shall be conducted at an annual meeting that is not properly brought before the meeting in accordance with this Section 1.4. The officer of the Corporation presiding over an annual meeting shall, if the facts warrant, determine that business was not properly brought before the annual meeting in accordance with the provisions of this Section 1.4, and if such officer should so determine, such officer shall so declare to the annual meeting and any such business not properly brought before the meeting shall not be transacted.

(g) This Section 1.4 is expressly intended to apply to any business proposed to be brought before an annual meeting of stockholders other than any proposal made in accordance with Rule 14a-8 under the Exchange Act and included in the Corporation's proxy statement. In addition to the requirements of this Section 1.4 with respect to any business proposed to be brought before an annual meeting, each Proposing Person shall comply with all applicable requirements of the Exchange Act with respect to any such business. Nothing in this Section 1.4 shall be deemed to affect the rights of stockholders to request inclusion of proposals in the Corporation's proxy statement pursuant to Rule 14a-8 under the Exchange Act.

(h) For purposes of these Bylaws, "**public disclosure**" shall mean disclosure in a press release reported by a national news service or in a document publicly filed by the Corporation with the Securities and Exchange Commission pursuant to Section 13, 14 or 15(d) of the Exchange Act.

1.5 Notice of Stockholders' Meetings. Unless otherwise provided by law, the Certificate of Incorporation or these Bylaws, the notice of any meeting of stockholders shall be sent or otherwise given in accordance with Article V of these Bylaws not less than ten (10) nor more than sixty (60) days before the date of the meeting to each stockholder entitled to vote at such meeting as of the record date for determining the stockholders entitled to notice of the meeting. The notice shall specify the place, if any, date and time of the meeting, the means of remote communication, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such meeting, the record date for determining stockholders entitled to vote at the meeting, if such date is different from the record date for determining stockholders entitled to notice of the meeting, and, in the case of a special meeting, the purpose or purposes for which the meeting is called.

1.6 Quorum. The holders of a majority of the shares of the Corporation issued and outstanding and entitled to vote thereat, present in person, or by remote communication, if applicable, or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business except as otherwise provided by the DGCL, by the Certificate of Incorporation or by any stock exchange upon which shares of the Corporation's capital stock are listed. Once a share is represented for any purpose at a meeting, it is deemed present for quorum purposes for the remainder of the meeting and for any adjournment of that meeting, unless a new voting record date is set for that meeting. If, however, a quorum shall not be present or represented at any meeting of stockholders, then either (i) the person presiding over the meeting or (ii) the holders of a majority of the votes entitled to be cast by the stockholders entitled to vote thereat, present in person, or by remote communication, if applicable, or represented by proxy, shall have power to adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present or represented. At such adjourned meeting at which a quorum shall be present or represented, any business may be transacted which might have been transacted at the meeting as originally noticed.

1.7 Adjourned Meeting: Notice. When a meeting is adjourned to another time or place, unless these Bylaws otherwise require, notice need not be given of the adjourned meeting if the time, place, if any, thereof, and the means of remote communications, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such adjourned meeting are announced at the meeting at which the adjournment is taken. At any adjourned meeting, the Corporation may transact any business which might have been transacted at the original meeting. If the adjournment is for more than thirty (30) days, a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting. If after the adjournment a new record date for determination of stockholders entitled to vote is fixed for the adjourned meeting, the Board of Directors shall fix a new record date for notice of such adjourned meeting in accordance with Section 4.5 of these Bylaws, and shall give notice of the adjourned meeting to each stockholder of record entitled to vote at such adjourned meeting as of the record date fixed for notice of such adjourned meeting.

1.8 Conduct of Business. The date and time of the opening and the closing of the polls for each matter upon which the stockholders will vote at a meeting shall be announced at the meeting by the person presiding over the meeting. The Board of Directors may adopt by resolution such rules and regulations for the conduct of the meeting of stockholders as it shall deem appropriate. Except to the extent inconsistent with such rules and regulations as adopted by the Board of Directors, the person presiding over any meeting of stockholders shall have the right and authority to convene and (for any or no reason) to recess and/or adjourn the meeting, to prescribe such rules, regulations and procedures (which need not be in writing) and to do all such acts as, in the judgment of such presiding person, are appropriate for the proper conduct of the meeting. Such rules, regulations or procedures, whether adopted by the Board of Directors or prescribed by the person presiding over the meeting, may include, without limitation, the following: (a) the establishment of an agenda or order of business for the meeting; (b) rules and procedures for maintaining order at the meeting and the safety of those present (including, without limitation, rules and procedures for removal of disruptive persons from the meeting); (c) limitations on attendance at or participation in the meeting to stockholders entitled to vote at the meeting, their duly authorized and constituted proxies or such other persons as the person presiding over the meeting shall determine; (d) restrictions on entry to the meeting after the time fixed for the commencement thereof; and (e) limitations on the time allotted to questions or comments by participants. The presiding person at any meeting of stockholders, in addition to making any other determinations that may be appropriate to the conduct of the meeting (including, without limitation, determinations with respect to the administration and/or interpretation of any of the rules, regulations or procedures of the meeting, whether adopted by the Board of Directors or prescribed by the person presiding over the meeting), shall, if the facts warrant, determine and declare to the meeting that a matter of business was not properly brought before the meeting and if such presiding person should so determine, such presiding person shall so declare to the meeting and any such matter or business not properly brought before the meeting shall not be transacted or considered. Unless and to the extent determined by the Board of Directors or the person presiding over the meeting, meetings of stockholders shall not be required to be held in accordance with the rules of parliamentary procedure.

1.9 Voting. Unless otherwise required by the DGCL, any stock exchange upon which shares of the Corporation's capital stock are listed, the Certificate of Incorporation or these Bylaws, any question (other than the election of directors) brought before any meeting of stockholders at which a quorum is present shall be decided by the vote of the holders of a majority in voting power of the votes cast on such matter. For purposes of this Section 1.9, "votes cast" shall mean all votes cast in favor of and against a particular matter, but shall not include abstentions or broker non-votes. At all meetings of stockholders for the election of directors at which a quorum is present, a plurality of the votes cast shall be sufficient to elect a director. Except as may be otherwise provided by the DGCL, the Certificate of Incorporation or these Bylaws, each stockholder shall be entitled to cast one vote for each share of the Corporation held by such stockholder. Each stockholder entitled to vote at a meeting of stockholders may authorize another person or persons to act for such stockholder by proxy. No proxy shall be voted or acted upon after eleven (11) months from its date, unless the proxy provides for a longer period. The revocability of a proxy that states on its face that it is irrevocable shall be governed by the provisions of Section 212 of the DGCL. A proxy may be in the form of an electronic transmission which sets forth or is submitted with information from which it can be determined that the transmission was authorized by the stockholder.

1.10 Voting List. The Corporation shall prepare, at least ten (10) days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting (provided, however, that, if the record date for determining the stockholders entitled to vote is less than ten (10) days before the date of the meeting, the list shall reflect the stockholders entitled to vote as of the tenth (10th) day before the meeting date), arranged in alphabetical order, showing the address of each stockholder and the number of shares registered in the name of each stockholder. Nothing contained in this Section 1.10 shall require the Corporation to include electronic mail addresses or other electronic contact information on such list. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting for a period of at least ten (10) days prior to the meeting: (a) on a reasonably accessible electronic network, provided that the information required to gain access to such list is provided with the notice of the meeting, or (b) during ordinary business hours, at the Corporation's principal executive office. In the event that the Corporation determines to make the list available on an electronic network, the Corporation may take reasonable steps to ensure that such information is available only to stockholders of the Corporation. If the meeting is to be held at a place, then the list shall be produced and kept at the time and place of the meeting during the whole time thereof and may be examined by any stockholder of the Corporation who is present. If the meeting is to be held solely by means of remote communication, then the list shall also be open to the examination of any stockholder during the whole time of the meeting on a reasonably accessible electronic network, and the information required to access such list shall be provided with the notice of the meeting.

1.11 Stock Ledger. Except as otherwise required by law, the stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 1.10 or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

1.12 Inspectors. The Corporation shall, in advance of any meeting of stockholders, appoint one or more inspectors to act at the meeting and make a written report thereof. Such inspector or inspectors shall be appointed by the Board of Directors in advance of the meeting. If the inspector so appointed shall refuse to serve or shall not be present, an inspector or inspectors shall be appointed by the officer presiding over the meeting. No candidate for election as director shall be appointed or act as inspector.

Such inspectors shall:

- (a) ascertain the number of shares outstanding and the voting power of each, the number of shares represented at the meeting and the validity of any proxies and ballots;
- (b) count all votes or ballots;
- (c) count and tabulate all votes;
- (d) determine and retain for a reasonable period a record of the disposition of any challenges made to any determination by the inspector(s); and
- (e) certify its or their determination of the number of shares represented at the meeting and its or their count of all votes and ballots.

Each inspector, before entering upon the discharge of the duties of inspector, shall take and sign an oath faithfully to execute the duties of inspection with strict impartiality and according to the best of such inspector's ability. The inspectors of election may appoint or retain such other persons or entities to assist the inspectors in the performance of the duties of the inspectors.

1.13 Delivery to the Corporation. Whenever this Article I requires one or more persons (including a record or beneficial owner of capital stock of the Corporation) other than any party to the Stockholders Agreement, dated as of August 13, 2021, by and among the Corporation and the stockholders party thereto (as the same may be amended, modified, supplemented or restated from time to time, the "**Stockholders Agreement**") to deliver a document or information to the Corporation or any officer, employee or agent thereof (including any notice, request, questionnaire, revocation, representation or other document or agreement), except as otherwise provided in these Bylaws or requested or consented to by the Corporation, such document or information shall be in writing exclusively (and not in an electronic transmission) and shall be delivered exclusively by hand (including, without limitation, overnight courier service) or by certified or registered mail, return receipt requested, and the Corporation shall not be required to accept delivery of any document not in such written form or so delivered.

ARTICLE II. DIRECTORS

2.1 Powers; Number; Qualifications. Except as otherwise expressly provided by the DGCL or the Certificate of Incorporation, the business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors. Subject to the Certificate of Incorporation and the Stockholders Agreement, the total number of directors constituting the Board of Directors shall be determined from time to time by resolution of the Board of Directors. No reduction of the authorized number of directors shall have the effect of removing any director. Directors need not be stockholders of the Corporation.

2.2 Election; Term of Office; Resignation; Removal; Vacancies. Subject to the Certificate of Incorporation, each director shall hold office until the expiration of the term of the class, if any, for which elected and until such director's successor is elected and qualified or until such director's earlier death, resignation or removal. Newly created directorships resulting from an increase in the authorized number of directors or any vacancies on the Board of Directors resulting from death, resignation or removal shall, subject to the Stockholders Agreement and unless otherwise provided in the Certificate of Incorporation, be filled solely by a majority vote of the directors then in office, although less than a quorum, or by the sole remaining director and each director so chosen shall hold office until the expiration of the term of the class, if any, for which elected and until his or her successor shall be elected and qualified, or until such director's earlier death, resignation or removal.

2.3 Notice of Nominations for Election to the Board of Directors.

(a) Nominations of any individual for election to the Board of Directors at an annual meeting or at a special meeting (but only if the election of directors is a matter specified in the notice of meeting given by or at the direction of the person calling such special meeting) may be made at such meeting only (i) as provided in the Stockholders Agreement, (ii) by or at the direction of the Board of Directors, including by any committee or persons authorized to do so by the Board of Directors or these Bylaws, or (iii) by a stockholder present in person (A) who was a record owner of shares of capital stock of the Corporation both at the time of giving the notice provided for in this Section 2.3 and at the time of the meeting, (B) is entitled to vote at the meeting and (C) has complied with this Section 2.3 as to such notice and nomination. For purposes of this Section 2.3, "**present in person**" shall mean that the stockholder proposing that the business be brought before the meeting of the Corporation, or a qualified representative of such stockholder, appear at such meeting. A "**qualified representative**" of such proposing stockholder shall be a duly authorized officer, manager or partner of such stockholder or any other person authorized by a writing executed by such stockholder or an electronic transmission delivered by such stockholder to act for such stockholder as proxy at the meeting of stockholders and such person must produce such writing or electronic transmission, or a reliable reproduction of the writing or electronic transmission, at the meeting of stockholders. Other than as provided in the Stockholders Agreement, the foregoing clause (iii) shall be the exclusive means for a stockholder to make any nomination of an individual or individuals for election to the Board of Directors at an annual meeting or special meeting.

(b)

(i) Without qualification, for a stockholder to make any nomination of an individual or individuals for election to the Board of Directors at an annual meeting, the stockholder must (A) provide Timely Notice (as defined in Section 1.4 of these Bylaws, except in the case of a special meeting, Timely Notice shall mean not earlier than one hundred twenty (120) days prior to the special meeting and not later than the later of ninety (90) days prior to the special meeting and the tenth (10th) day following the day on which public disclosure of the date of the special meeting is first made by the Corporation) thereof in writing and in proper form to the Secretary of the Corporation, (B) provide the information, agreements and questionnaires with respect to such stockholder and its candidate for nomination as required to be set forth by this Section 2.3 and (C) provide any updates or supplements to such notice at the times and in the forms required by this Section 2.3.

(ii) Without qualification, if the election of directors is a matter specified in the notice of meeting given by or at the direction of the person calling a special meeting, then for a stockholder to make any nomination of an individual or individuals for election to the Board of Directors at a special meeting, the stockholder must (A) provide Timely Notice thereof in writing and in proper form to the Secretary of the Corporation at the principal executive offices of the Corporation, (B) provide the information with respect to such stockholder and its candidate for nomination as required by this Section 2.3 and (C) provide any updates or supplements to such notice at the times and in the forms required by this Section 2.3.

(iii) In no event shall any adjournment or postponement of an annual meeting or special meeting or the announcement thereof commence a new time period for the giving of a stockholder's notice as described above.

(iv) In no event may a Nominating Person (as defined below) provide Timely Notice with respect to a greater number of director candidates than are subject to election by stockholders at the applicable meeting. If the Corporation shall, subsequent to such notice, increase the number of directors subject to election at the meeting, such notice as to any additional nominees shall be due on the later of (A) the conclusion of the time period for Timely Notice, (B) the date set forth in Section 2.3(b)(ii) or (C) the tenth (10th) day following the date of public disclosure (as defined in Section 1.4 of these Bylaws) of such increase.

(c) To be in proper form for purposes of this Section 2.3, a stockholder's notice to the Secretary of the Corporation shall set forth:

(i) As to each Nominating Person, the Stockholder Information (as defined in Section 1.4(c)(i) of these Bylaws, except that for purposes of this Section 2.3, the term "Nominating Person" shall be substituted for the term "Proposing Person" in all places it appears in Section 1.4(c)(i) of these Bylaws);

(ii) As to each Nominating Person, any Disclosable Interests (as defined in Section 1.4(c)(ii) of these Bylaws, except that for purposes of this Section 2.3, the term “Nominating Person” shall be substituted for the term “Proposing Person” in all places it appears in Section 1.4(c)(ii) of these Bylaws and the disclosure with respect to the business to be brought before the meeting in Section 1.4(c)(ii) of these Bylaws shall be made with respect to the election of directors at the meeting); and

(iii) As to each candidate whom a Nominating Person proposes to nominate for election as a director, (A) all information with respect to such candidate for nomination that would be required to be set forth in a stockholder’s notice pursuant to this Section 2.3 if such candidate for nomination were a Nominating Person, (B) all information relating to such candidate for nomination that is required to be disclosed in a proxy statement or other filing required to be made in connection with solicitations of proxies for election of directors in a contested election pursuant to Section 14(a) under the Exchange Act (including such candidate’s written consent to being named in the proxy statement as a nominee and to serving as a director if elected), (C) a description of any direct or indirect material interest in any material contract or agreement between or among any Nominating Person, on the one hand, and each candidate for nomination or his or her respective associates or any other participants in such solicitation, on the other hand, including, without limitation, all information that would be required to be disclosed pursuant to Item 404 under Regulation S-K if such Nominating Person were the “registrant” for purposes of such rule and the candidate for nomination were a director or executive officer of such registrant and (D) a completed and signed questionnaire, representation and agreement as provided in Section 2.3(f).

For purposes of this Section 2.3, the term “**Nominating Person**” shall mean (x) the stockholder providing the notice of the nomination proposed to be made at the meeting, (y) the beneficial owner or beneficial owners, if different, on whose behalf the notice of the nomination proposed to be made at the meeting is made, and (z) any other participant in such solicitation.

(d) A stockholder providing notice of any nomination proposed to be made at a meeting shall further update and supplement such notice, if necessary, so that the information provided or required to be provided in such notice pursuant to this Section 2.3 shall be true and correct as of the record date for stockholders entitled to vote at the meeting and as of the date that is ten (10) business days prior to the meeting or any adjournment or postponement thereof, and such update and supplement shall be delivered to, or mailed and received by, the Secretary of the Corporation at the principal executive offices of the Corporation not later than five (5) business days after the record date for stockholders entitled to vote at the meeting (in the case of the update and supplement required to be made as of such record date), and not later than eight (8) business days prior to the date for the meeting or, if practicable, any adjournment or postponement thereof (and, if not practicable, on the first practicable date prior to the date to which the meeting has been adjourned or postponed) (in the case of the update and supplement required to be made as of ten (10) business days prior to the meeting or any adjournment or postponement thereof). For the avoidance of doubt, the obligation to update and supplement as set forth in this Section 2.3(d) or any other provision of these Bylaws shall not limit the Corporation’s rights with respect to any deficiencies in any notice provided by a stockholder, extend any applicable deadlines under this Section 2.3 or enable or be deemed to permit a stockholder who has previously submitted notice under this Section 2.3 to amend or update any nomination or to submit any new nomination.

(e) In addition to the requirements of this Section 2.3 with respect to any nomination proposed to be made at a meeting, each Nominating Person shall comply with all applicable requirements of the Exchange Act with respect to any such nominations.

(f) To be eligible to be a candidate for election as a director of the Corporation at an annual or special meeting, a candidate must be nominated in the manner prescribed in this Section 2.3 and the candidate for nomination, whether nominated as provided in the Stockholders Agreement, by or at the direction of the Board of Directors or by a stockholder, must have previously delivered (in accordance with the time period prescribed for delivery in a notice to such candidate given by or on behalf of the Board of Directors), to the Secretary of the Corporation at the principal executive offices of the Corporation, (i) a completed written questionnaire (in a form provided by the Corporation) with respect to the background, qualifications, stock ownership and independence of such proposed nominee and (ii) a written representation and agreement (in form provided by the Corporation) that such candidate for nomination (A) is not and, if elected as a director during his or her term of office, will not become a party to (1) any agreement, arrangement or understanding with, and has not given and will not give any commitment or assurance to, any person or entity as to how such proposed nominee, if elected as a director of the Corporation, will act or vote on any issue or question (a **“Voting Commitment”**) or (2) any Voting Commitment that could limit or interfere with such proposed nominee’s ability to comply, if elected as a director of the Corporation, with such proposed nominee’s fiduciary duties under law, (B) is not, and will not become a party to, any agreement, arrangement or understanding with any person other than the Corporation with respect to any direct or indirect compensation or reimbursement for service as a director that has not been disclosed to the Corporation and (C) if elected as a director of the Corporation, will comply with all applicable corporate governance, conflict of interest, confidentiality, stock ownership and trading and other policies and guidelines of the Corporation applicable to directors and in effect during such individual’s term in office as a director (and, if requested by any candidate for nomination, the Secretary of the Corporation shall provide to such candidate for nomination all such policies and guidelines then in effect).

(g) The Board of Directors may also require any proposed candidate for nomination as a director to furnish such other information as may reasonably be requested by the Board of Directors in writing prior to the meeting of stockholders at which such candidate’s nomination is to be acted upon in order for the Board of Directors to determine the eligibility of such candidate for nomination to be an independent director of the Corporation in accordance with the Corporation’s corporate governance guidelines.

(h) A candidate for nomination as a director shall further update and supplement the materials delivered pursuant to this Section 2.3, if necessary, so that the information provided or required to be provided pursuant to this Section 2.3 shall be true and correct as of the record date for stockholders entitled to vote at the meeting and as of the date that is ten (10) business days prior to the meeting or any adjournment or postponement thereof, and such update and supplement shall be delivered to, or mailed and received by, the Secretary of the Corporation at the principal executive offices of the Corporation (or any other office specified by the Corporation in any public announcement) not later than five (5) business days after the record date for stockholders entitled to vote at the meeting (in the case of the update and supplement required to be made as of such record date), and not later than eight (8) business days prior to the date for the meeting or, if practicable, any adjournment or postponement thereof (and, if not practicable, on the first practicable date prior to the date to which the meeting has been adjourned or postponed) (in the case of the update and supplement required to be made as of ten (10) business days prior to the meeting or any adjournment or postponement thereof). For the avoidance of doubt, the obligation to update and supplement as set forth in this Section 2.3(h) or any other provision of these Bylaws shall not limit the Corporation's rights with respect to any deficiencies in any notice provided by a stockholder, extend any applicable deadlines under this Section 2.3 or enable or be deemed to permit a stockholder who has previously submitted notice under this Section 2.3 to amend or update any proposal or to submit any new proposal, including by changing or adding nominees, matters, business or resolutions proposed to be brought before a meeting of the stockholders.

(i) No candidate shall be eligible for nomination as a director of the Corporation unless such candidate for nomination and the Nominating Person seeking to place such candidate's name in nomination has complied with this Section 2.3. The officer of the Corporation presiding over the meeting shall, if the facts warrant, determine that a nomination was not properly made in accordance with this Section 2.3, and if he or she should so determine, he or she shall so declare such determination to the meeting, the defective nomination shall be disregarded and any ballots cast for the candidate in question (but in the case of any form of ballot listing other qualified nominees, only the ballots cast for the nominee in question) shall, to the fullest extent permitted by law, be void and of no force or effect.

(j) Other than as provided in the Stockholders Agreement, no candidate for nomination shall be eligible to be seated as a director of the Corporation unless nominated and elected in accordance with this Section 2.3.

2.4 Meetings. The Board of Directors may hold meetings, both regular and special, either within or without the State of Delaware. The first meeting of each newly elected Board of Directors shall be held immediately after and at the same place as the annual meeting of stockholders and no notice of such meeting shall be necessary to the newly elected directors in order to legally constitute the meeting, provided a quorum shall be present. Regular meetings of the Board of Directors may be held without notice at such time and place as shall from time to time be determined from time to time by resolution of the Board of Directors. Special meetings of the Board of Directors may be called by the Chairperson of the Board of Directors, Chief Executive Officer or a majority of the whole Board of Directors. Notice thereof stating the place, date and hour of the meeting shall be given to each director either by mail not less than forty-eight (48) hours before the date of the meeting, by telephone, facsimile, telegram or e-mail on twenty-four (24) hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

2.5 Quorum; Vote Required for Action. Except as may be otherwise specifically provided by law, the Certificate of Incorporation or these Bylaws, at all meetings of the Board of Directors or any committee thereof, the directors entitled to cast a majority of the votes of the whole Board of Directors or such committee, as the case may be, shall constitute a quorum for the transaction of business. Except in cases in which the Certificate of Incorporation, these Bylaws or law otherwise provides, the vote of directors having a majority of the votes entitled to be cast by the directors present at a meeting at which a quorum is present shall be the act of the Board of Directors. If a quorum shall not be present at any meeting of the Board of Directors or of any committee thereof, the directors entitled to cast a majority of the votes of the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present.

2.6 Organization of Meetings. Subject to the Stockholders Agreement, the Board of Directors shall elect one of its members to be Chairperson of the Board of Directors. The Chairperson of the Board of Directors shall lead the Board of Directors in fulfilling its responsibilities as set forth in these Bylaws, including its responsibility to oversee the performance of the Corporation, and shall determine the agenda and perform all other duties and exercise all other powers which are or from time to time may be delegated to him or her by the Board of Directors. Meetings of the Board of Directors shall be presided over by the Chairperson of the Board of Directors, or in his or her absence, by the Chief Executive Officer, or in his or her absence, by the President, or in the absence of the Chairperson of the Board of Directors, the Chief Executive Officer and the President, by such other person as the Board of Directors may designate or the members present may select.

2.7 Actions of Board of Directors Without Meeting. Unless otherwise restricted by the Certificate of Incorporation or these Bylaws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all members of the Board of Directors or of such committee, as the case may be, consent thereto in writing or by electronic transmission. After an action is taken, the consents relating thereto shall be filed with the minutes of the proceedings of the Board of Directors, or the committee thereof, in the same paper or electronic form as the minutes are maintained.

2.8 Resignations. Any director may resign at any time upon notice given in writing or by electronic transmission to the Corporation. A resignation is effective when the resignation is delivered unless the resignation specifies a later effective date or an effective date determined upon the happening of an event or events.

2.9 Committees. The Board of Directors may designate one or more committees, each committee to consist of one or more of the directors of the Corporation. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of the committee. In the absence or disqualification of a member of any committee, the member or members of such committee present at any meeting and not disqualified from voting, whether or not he, she or they constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in place of any such absent or disqualified member. Any such committee, to the extent permitted by law and to the extent provided in the resolution of the Board of Directors or these Bylaws, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation, and may authorize the seal of the Corporation to be affixed to all papers which may require it.

2.10 Compensation. Unless otherwise provided in the Certificate of Incorporation, the Board of Directors shall have the authority to fix the compensation of directors. No such compensation shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor.

2.11 Interested Directors. No contract or transaction between the Corporation and one or more of its directors or officers, or between the Corporation and any other corporation, partnership, association, or other organization in which one or more of its directors or officers are directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because his, her or their votes are counted for such purpose, if: (a) the material facts as to his, her or their relationship or interest and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (b) the material facts as to his, her or their relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (c) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified, by the Board of Directors, a committee thereof or the stockholders. Common or interested directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

2.12 Meetings by Means of Conference Telephone. Members of the Board of Directors or any committee designed by the Board of Directors may participate in a meeting of the Board of Directors or of a committee of the Board of Directors by means of conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 2.12 shall constitute presence in person at such meeting.

ARTICLE III.

OFFICERS

3.1 General. Except as may be otherwise provided in these Bylaws, the officers of the Corporation shall be elected by the Board of Directors and shall consist of a Chairperson of the Board of Directors, Chief Executive Officer, President and Secretary. The Board of Directors, in its discretion, may also elect a Chief Financial Officer, a Treasurer, one or more Vice Presidents (including Executive Vice Presidents and Senior Vice Presidents), Assistant Secretaries or Assistant Treasurers, a Controller and such other officers as in the judgment of the Board of Directors may be necessary or desirable. Any number of offices may be held by the same individual and more than one individual may hold the same office, unless otherwise prohibited by law, the Certificate of Incorporation or these Bylaws. The officers of the Corporation need not be stockholders of the Corporation, nor need such officers be directors of the Corporation.

3.2 Election. The Board of Directors at its first meeting held after each annual meeting of stockholders shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier death, resignation or removal. Except as otherwise provided in this Article III, any officer elected by the Board of Directors may be removed at any time by the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers who are directors of the Corporation shall be fixed by the Board of Directors.

3.3 Voting Securities Owned by the Corporation. Powers of attorney, proxies, waivers of notice of meeting, consents and other instruments relating to securities owned by the Corporation may be executed for, in the name of and on behalf of the Corporation by the Chief Executive Officer, President or any Executive Vice President, and any such officer may, for, in the name and on behalf of the Corporation, take all such action as any such officer may deem advisable to vote in person or by proxy at any meeting of security holders of any entity in which the Corporation may own securities and at any such meeting shall possess and may exercise any and all rights and powers incident to the ownership of such securities and which, as the owner thereof, the Corporation might have exercised and possessed if present. The Board of Directors may, by resolution, from time to time confer like powers upon any other individual or individuals.

3.4 Chief Executive Officer. Subject to the provisions of these Bylaws and to the direction of the Board of Directors, the Chief Executive Officer shall have ultimate authority for decisions relating to the general management and control of the affairs and business of the Corporation and shall perform such other duties and exercise such other powers which are or from time to time may be delegated to him or her by the Board of Directors or these Bylaws, all in accordance with basic policies as established by and subject to the oversight of the Board of Directors.

3.5 President. At the request of the Chief Executive Officer, or in the absence of the Chief Executive Officer, or in the event of his or her inability or refusal to act, the President shall perform the duties of the Chief Executive Officer, and when so acting, shall have all the powers of and be subject to all the restrictions upon such office. The President shall perform such other duties and have such other powers as the Board of Directors from time to time may prescribe.

3.6 Chief Financial Officer. The Chief Financial Officer shall have general supervision, direction and control of the financial affairs of the Corporation and shall perform such other duties and exercise such other powers which are or from time to time may be delegated to him or her by the Board of Directors, the Chief Executive Officer or these Bylaws, all in accordance with basic policies as established by and subject to the oversight of the Board of Directors. In the absence of a named Treasurer, the Chief Financial Officer shall also have the powers and duties of the Treasurer as hereinafter set forth and shall be authorized and empowered to sign as Treasurer in any case where such officer's signature is required.

3.7 Vice Presidents. At the request of the Chief Executive Officer, the President or in the absence of the President, or in the event of his or her inability or refusal to act, the Vice President or the Vice Presidents if there is more than one (in the order designated by the Board of Directors) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon such office. Each Vice President shall perform such other duties and have such other powers as the Chief Executive Officer, the President or the Board of Directors from time to time may prescribe. If there be no Vice President, the Chief Executive Officer, the President or the Board of Directors shall designate the officer of the Corporation who, in the absence of the President or in the event of the inability or refusal of such officer to act, shall perform the duties of such office, and when so acting, shall have all the powers of and be subject to all the restrictions upon such office. A Vice President need not be an officer of the Corporation and shall not be deemed an officer of the Corporation unless elected by the Board of Directors.

3.8 Secretary. The Secretary shall attend all meetings of the Board of Directors and all meetings of stockholders and record all the proceedings thereat in a book or books to be kept for that purpose; the Secretary shall also perform like duties for the standing committees when required. The Secretary shall give, or cause to be given, notice of all meetings of the stockholders and special meetings of the Board of Directors, and shall perform such other duties as may be prescribed by the Board of Directors, the Chief Executive Officer or the President, under whose supervision the Secretary shall be. If the Secretary shall be unable or shall refuse to cause to be given notice of all meetings of the stockholders and special meetings of the Board of Directors, then any Assistant Secretary shall perform such actions. If there be no Assistant Secretary, then the Board of Directors or the Chief Executive Officer may choose another officer to cause such notice to be given. The Secretary shall have custody of the seal of the Corporation and the Secretary or any Assistant Secretary, if there be one, shall have authority to affix the same to any instrument requiring it and when so affixed, it may be attested by the signature of the Secretary or by the signature of any such Assistant Secretary. The Board of Directors may give general authority to any other officer to affix the seal of the Corporation and to attest the affixing by his or her signature. The Secretary shall see that all books, reports, statements, certificates and other documents and records required by law to be kept or filed are properly kept or filed, as the case may be.

3.9 Treasurer. The Treasurer shall have the custody of the corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to the Corporation and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as may be designated by the Board of Directors. The Treasurer shall disburse the funds of the Corporation as may be ordered by the Board of Directors, taking proper vouchers for such disbursements, and shall render to the Chief Executive Officer, the President and the Board of Directors, at its regular meetings, or when the Board of Directors so requires, an account of all his or her transactions as Treasurer and of the financial condition of the Corporation.

3.10 Assistant Secretaries. Except as may be otherwise provided in these Bylaws, Assistant Secretaries, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the Chief Executive Officer, the President, any Executive Vice President, if there be one, or the Secretary, and in the absence of the Secretary or in the event of his or her disability or refusal to act, shall perform the duties of the Secretary, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Secretary.

3.11 Assistant Treasurers. Assistant Treasurers, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the Chief Executive Officer, the President, any Executive Vice President, if there be one, or the Treasurer, and in the absence of the Treasurer or in the event of his or her disability or refusal to act, shall perform the duties of the Treasurer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer.

3.12 Controller. The Controller shall establish and maintain the accounting records of the Corporation in accordance with generally accepted accounting principles applied on a consistent basis, maintain proper internal control of the assets of the Corporation and shall perform such other duties as the Board of Directors, the President or any Executive Vice President of the Corporation may prescribe.

3.13 Other Officers. Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

3.14 Vacancies. The Board of Directors shall have the power to fill any vacancies in any office occurring from whatever reason.

3.15 Resignations. Any officer may resign at any time by submitting his or her written resignation to the Corporation. Such resignation shall take effect at the time of its receipt by the Corporation, unless another time be fixed in the resignation, in which case it shall become effective at the time so fixed. The acceptance of a resignation shall not be required to make it effective.

3.16 Removal. Subject to the provisions of any employment agreement approved by the Board of Directors, any officer of the Corporation may be removed at any time, with or without cause, by the Board of Directors.

ARTICLE IV. CAPITAL STOCK

4.1 Form of Certificates. The shares of the Corporation may but need not be represented by certificates and the Board of Directors may provide by resolution or resolutions that some or all of any or all classes or series of the Corporation's stock shall be uncertificated shares. Every holder of shares of the Corporation represented by certificates shall be entitled to have a certificate signed by, or in the name of, the Corporation by any two authorized officers of the Corporation representing the number of shares registered in certificate form. Each of the Chairperson of the Board, the Chief Executive Officer, the President, any Vice President, the Secretary, any Assistant Secretary, the Chief Financial Officer and the Treasurer, in addition to any other officers of the Corporation authorized by the Board of Directors or these Bylaws, is hereby authorized to sign certificates by, or in the name of, the Corporation.

4.2 Signatures. Any or all of the signatures on a stock certificate may be a facsimile, including, but not limited to, signatures of officers of the Corporation and countersignatures of a transfer agent or registrar. In case an officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if such person were such officer, transfer agent or registrar at the date of issue.

4.3 Lost Certificates. The Corporation may issue a new certificate of stock or uncertificated shares in the place of any certificate theretofore issued by it, alleged to have been lost, stolen or destroyed, and the Corporation may require the owner of the lost, stolen or destroyed certificate, or such owner's legal representative, to give the Corporation a bond sufficient to indemnify it against any claim that may be made against it on account of the alleged loss, theft or destruction of any such certificate or the issuance of such new certificate or uncertificated shares.

4.4 Fixing Record Date. In order that the Corporation may determine the stockholders entitled to notice or to vote at any meeting of stockholders or any adjournment thereof or entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock or for the purpose of any other lawful action, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record is adopted by the Board of Directors, and which record date: (a) in the case of a determination of stockholders entitled to notice of any meeting of stockholders or any adjournment thereof, shall, unless otherwise required by law, not be more than sixty (60) nor less than ten (10) days before the date of such meeting and, unless the Board of Directors determines, at the time it fixes such record date, that a later date on or before the date of the meeting shall be the date for determining the stockholders entitled to vote at such meeting, the record date for determining the stockholders entitled to notice of such meeting shall also be the record date for determining the stockholders entitled to vote at such meeting; and (b) in the case of a determination of stockholders entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock or for the purpose of any other lawful action, shall not be more than sixty (60) days prior to such other action. If no record date is fixed: (i) the record date for determining stockholders entitled to notice of and to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held; and (ii) the record date for determining stockholders entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock or for the purpose of any other lawful action shall be at the close of business on the day on which the Board of Directors adopts the resolution relating thereto. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; provided, however, that the Board of Directors may fix a new record date for the determination of stockholders entitled to vote at the adjourned meeting, and in such case shall also fix as the record date for the stockholders entitled to notice of such adjourned meeting the same or an earlier date as that fixed for the determination of stockholders entitled to vote in accordance with the foregoing provisions of this Section 4.4 at the adjourned meeting.

ARTICLE V.
NOTICES

5.1 Form of Notice. Except as otherwise specifically required in these Bylaws or by law, all notices required to be given pursuant to these Bylaws may in every instance in connection with any delivery to a member of the Board of Directors, be effectively given by hand delivery (including use of a delivery service), by depositing such notice in the mail, postage prepaid, or by sending such notice by overnight express courier, facsimile, electronic mail or other form of electronic transmission. Whenever notice is required to be given to any stockholder under the Certificate of Incorporation, these Bylaws or applicable law, such notice may be given in writing directed to such stockholder's mailing address or by electronic transmission directed to such stockholder's electronic mail address, as applicable, as it appears on the records of the Corporation or by such other form of electronic transmission consented to by the stockholder. A notice to a stockholder shall be deemed given as follows: (a) if mailed, when the notice is deposited in the United States mail, postage prepaid, (b) if delivered by courier service, the earlier of when the notice is received or left at such stockholder's address, (c) if given by electronic mail, when directed to such stockholder's electronic mail address unless the stockholder has notified the Corporation in writing or by electronic transmission of an objection to receiving notice by electronic mail or such notice is prohibited by Section 232(e) of the DGCL, and (d) if given by a form of electronic transmission consented to by the stockholder to whom the notice is given as required by Section 232 of the DGCL, (i) if by facsimile transmission, when directed to a number at which such stockholder has consented to receive notice, (ii) if by a posting on an electronic network together with separate notice to the stockholder of such specified posting, upon the later of (A) such posting and (B) the giving of such separate notice, and (iii) if by any other form of electronic transmission, when directed to such stockholder. A stockholder may revoke such stockholder's consent to receiving notice by means of electronic transmission by giving written notice or by electronic transmission of such revocation to the Corporation. A notice may not be given by an electronic transmission from and after the time that (x) the Corporation is unable to deliver by such electronic transmission two consecutive notices and (y) such inability becomes known to the Secretary or to the transfer agent, or other person responsible for the giving of notice; provided, however, the inadvertent failure to discover such inability shall not invalidate any meeting or other action. Any notice given by electronic mail must include a prominent legend that the communication is an important notice regarding the Corporation. Whenever notice is required to be given, under any provision of law or of the Certificate of Incorporation or these Bylaws, to any person with whom communication is unlawful, the giving of such notice to such person shall not be required and there shall be no duty to apply to any governmental authority or agency for a license or permit to give such notice to such person. Any action or meeting which shall be taken or held without notice to any such person with whom communication is unlawful shall have the same force and effect as if such notice had been duly given. In the event that the action taken by the Corporation is such as to require the filing of a certificate under any provision of the DGCL, the certificate shall state, if such is the fact and if notice is required, that notice was given to all persons entitled to receive notice except such persons with whom communication is unlawful.

5.2 Waiver of Notice. Whenever any notice is required to be given under the Certificate of Incorporation, these Bylaws or applicable law, a written waiver of notice, signed by the person entitled to notice, or a waiver by electronic transmission by the person entitled to notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at nor the purpose of any regular or special meeting of the stockholders, the Board of Directors, or any committee of the Board of Directors need be specified in a waiver of notice.

ARTICLE VI.
INDEMNIFICATION OF DIRECTORS AND OFFICERS

6.1 The Corporation shall indemnify any individual who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he or she is or was a director or officer of the Corporation, or, while serving as a director or officer of the Corporation, is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with such action, suit or proceeding if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the individual did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his or her conduct was unlawful. Notwithstanding the foregoing, but subject to Section 6.6, the Corporation shall not be required to indemnify any individual seeking indemnification in connection with any action, suit or proceeding (or part thereof) initiated by such individual unless such action, suit or proceeding (or part thereof) was authorized in the first instance by the Board of Directors.

6.2 The Corporation shall indemnify any individual who was or is a party, or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that he or she is or was a director or officer of the Corporation, or, while serving as a director or officer of the Corporation, is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against expenses (including attorneys' fees) actually and reasonably incurred by him or her in connection with the defense or settlement of such action or suit if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the Corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such individual shall have been adjudged to be liable to the Corporation unless and only to the extent that the Court of Chancery of the State of Delaware or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such individual is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper. Notwithstanding the foregoing, but subject to Section 6.6, the Corporation shall not be required to indemnify any individual seeking indemnification in connection with any action, suit or proceeding (or part thereof) initiated by such individual unless such action, suit or proceeding (or part thereof) was authorized in the first instance by the Board of Directors.

6.3 To the extent that a current or former director or officer of the Corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in Section 6.1 or 6.2, or in defense of any claim, issue or matter therein, he or she shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him or her in connection therewith.

6.4 Any indemnification under Section 6.1 or 6.2 (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that indemnification of the individual seeking indemnification is proper in the circumstances because he or she has met the applicable standard of conduct set forth in such section. Such determination shall be made:

- (a) By the Board of Directors by a majority vote of the directors who were not parties to such action, suit or proceeding, or
- (b) By a committee of such directors designated by a majority vote of such directors even though less than a quorum; or
- (c) If there are no such directors, or if such disinterested directors so direct, by independent legal counsel in a written opinion, or
- (d) By the stockholders.

6.5 Expenses (including attorneys' fees) incurred by a current or former officer or director in defending any civil, criminal, administrative or investigative action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that he or she is not entitled to be indemnified by the Corporation as authorized in this Article VI. Such expenses (including attorneys' fees) incurred by other employees and agents of the Corporation or by individuals serving at the request of the Corporation as directors, officers, employees or agents of another corporation, partnership, joint venture, trust or other enterprise may be so paid upon such terms and conditions, if any, as the Board of Directors deems appropriate.

6.6 The indemnification and advancement of expenses provided by, or granted pursuant to this Article VI shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under the Certificate of Incorporation, these Bylaws, any agreement or vote of stockholders or disinterested directors or otherwise, both as to action in his or her official capacity and as to action in another capacity while holding such office. If a claim under Section 6.1 or Section 6.2 is not paid in full by the Corporation within sixty (60) days after a written claim has been received by the Corporation or a claim under Section 6.5 for an advancement of expenses is not paid within ten (10) business days after a written claim therefor has been received by the Corporation, the individual seeking indemnification or advancement may at any time thereafter bring suit against the Corporation to recover the unpaid amount of the claim. If the individual seeking indemnification or an advancement of expenses is successful in whole or in part in any such suit, or in a suit brought by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking, such individual also shall be entitled to be paid, to the fullest extent permitted by law, the expense of prosecuting or defending such suit. The Corporation is specifically authorized to enter into individual contracts with any or all of its directors, officers, employees or agents respecting indemnification and advancements, to the fullest extent not prohibited by the DGCL, or by any other applicable law. Without the necessity of entering into an express contract, all rights to indemnification and advancements provided to individuals under this Article VI shall be deemed to be contractual rights and be effective to the same extent and as if provided for in a contract between the Corporation and such individual.

6.7 The Corporation shall have power to purchase and maintain insurance on behalf of any individual who is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against him or her and incurred by him or her in any such capacity, or arising out of his or her status as such, whether or not the Corporation would have the power to indemnify him or her against such liability under the provisions of this Article VI.

6.8 For purposes of this Article VI, references to “**the Corporation**” shall include, in addition to the resulting Corporation, any constituent Corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors, officers, and employees or agents, so that any individual who is or was a director, officer employee or agent of such constituent Corporation, or is or was serving at the request of such constituent Corporation as a director, officer, employee or agent of another Corporation, partnership, joint venture, trust or other enterprise, shall stand in the same position under this Article VI with respect to the resulting or surviving Corporation as he or she would have with respect to such constituent Corporation of its separate existence had continued.

6.9 For purposes of this Article VI, references to “**other enterprises**” shall include employee benefit plans; references to “**fin**es” shall include any excise taxes assessed on a person with respect to any employee benefit plan; and references to “**serving at the request of the Corporation**” shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves services by, such director, officer, employee, or agent with respect to an employee benefit plan, its participants or beneficiaries; and an individual who acted in good faith and in a manner he or she reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner “**not opposed to the best interests of the Corporation**” as referred to in this Article VI. Any reference to an officer of the Corporation in this Article VI shall be deemed to refer exclusively to the Chairperson of the Board, the Chief Executive Officer, the President, the Secretary, the Chief Financial Officer, and the Treasurer of the Corporation and any other officer appointed by the Board of Directors pursuant to Article III of these Bylaws, and any reference to an officer of any other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise shall be deemed to refer exclusively to an officer appointed by the board of directors or equivalent governing body of such other entity pursuant to the certificate of incorporation and bylaws or equivalent organizational documents of such other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise. The fact that any individual who is or was an employee of the Corporation or an employee of any other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, but not an officer thereof as described in the preceding sentence, has been given or has used the title of “Vice President” or any other title that could be construed to suggest or imply that such individual is or may be such an officer of the Corporation or of such other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise shall not result in such individual being constituted as, or being deemed to be, such an officer of the Corporation or of such other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise for purposes of this Article VI.

6.10 The indemnification and advancement of expenses provided by, or granted pursuant to, this Article VI shall, unless otherwise provided when authorized or ratified, continue as to an individual who has ceased to be a director, officer, employee or agent of the Corporation or has ceased to serve at the request of the Corporation as an officer, director, employee or agent of any other corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, and shall inure to the benefit of the heirs, executors and administrators of such an individual. Any repeal or modification of this Article VI shall only be prospective and shall not affect the rights under this Article VI in effect at the time of the alleged occurrence of any action or omission to act that is the cause of any proceeding against any agent of the Corporation. If this Article VI or any portion hereof shall be invalidated on any ground by any court of competent jurisdiction, then the Corporation shall nevertheless indemnify each director, officer, employee or agent to the fullest extent not prohibited by any applicable portion of this Article VI that shall not have been invalidated, or by any other applicable law.

ARTICLE VII.

GENERAL PROVISIONS

7.1 Reliance on Books and Records. A member of the Board of Directors or a member of any committee designated by the Board of Directors, shall, in the performance of his or her duties, be fully protected in relying in good faith upon the records of the Corporation and upon such information, opinions, reports or statements presented to the Corporation by any of the Corporation’s officers or employees, or committees of the Board of Directors, or by any other person as to matters the member reasonably believes are within such other person’s professional or expert competence and who has been selected with reasonable care by or on behalf of the Corporation.

7.2 Contracts. The Board of Directors, except as otherwise provided in these Bylaws, may authorize any officer or officers, or agent or agents, to enter into any contract or execute any instrument in the name of and on behalf of the Corporation; such authority may be general or confined to specific instances.

7.3 Checks. All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other persons as the Board of Directors may from time to time designate.

7.4 Distributions. Subject to the rights of any class or series of stock set forth in the Certificate of Incorporation, the Board of Directors may from time to time, in its discretion, declare payment of dividends or other distributions on its outstanding shares of capital stock in such manner and upon such terms and conditions as are permitted by the Certificate of Incorporation and the DGCL.

7.5 Fiscal Year. The fiscal year of the Corporation shall be as determined by the Board of Directors. If the Board of Directors shall fail to do so, the Chief Executive Officer shall fix the fiscal year.

7.6 Seal. The corporate seal shall have inscribed thereon the name of the Corporation, the year of its incorporation and the words "Corporate Seal, Delaware". The seal may be used by causing it or a facsimile thereof to be impressed or affixed or in any manner reproduced.

7.7 Amendments. These Bylaws may be altered, amended or repealed, and new bylaws made, by the Board of Directors, but, subject to the Certificate of Incorporation, the stockholders may make additional bylaws and may alter and repeal any bylaws whether adopted by them or otherwise; provided, however, that, in addition to any vote of the holders of any class or series of stock of the Corporation required by law or by the Certificate of Incorporation, such action by stockholders shall require the affirmative vote of the holders of at least sixty-six and two-thirds percent (66-2/3%) of the voting power of all of the then-outstanding shares of the Corporation entitled to vote generally in the election of directors, voting together as a single class.

7.8 Interpretation of Bylaws. All words, terms and provisions of these Bylaws shall be interpreted and defined by and in accordance with the DGCL.

ARTICLE VIII.

DEFINITIONS

As used in these Bylaws, unless the context otherwise requires, the term "**person**" means any individual, general partnership, limited partnership, limited liability company, corporation, trust, business trust, joint stock company, joint venture, unincorporated association, cooperative or association or any other legal entity or organization of whatever nature, and shall include any successor (by merger or otherwise) of such entity.

**DESCRIPTION OF SECURITIES REGISTERED PURSUANT TO SECTION 12 OF
THE SECURITIES EXCHANGE ACT OF 1934**

The following summary is not intended to be a complete summary of the rights and preferences of the securities of Airspan Networks Holdings Inc. (the “Company”, “we” or “our”) described below. Such summary is subject to and qualified in its entirety by reference to our Certificate of Incorporation, our Bylaws, the Warrant Agreement, dated October 29, 2020, by and between New Beginnings and Continental Stock Transfer & Trust Company, as warrant agent, the Warrant Agreement, dated August 13, 2021, by and between the Company and Continental Stock Transfer & Trust Company, as warrant agent, the Common Stock Warrants and the Post-Combination Warrants, each of which is included as an exhibit to the Annual Report on Form 10-K of which this exhibit is a part. Capitalized terms used but not defined in this summary have the meanings set forth in the Annual Report on Form 10-K of which this exhibit is a part.

Authorized Common Stock

The Certificate of Incorporation authorizes the issuance of 250,000,000 shares of Common Stock, \$0.0001 par value per share.

Voting Power

Except as otherwise required by law or as otherwise provided in any preferred stock designation, the holders of our Common Stock possess all voting power for the election of our directors and all other matters submitted to a vote of our stockholders. Holders of our Common Stock have one vote in respect of each share of stock held by such holder on matters to be voted on by stockholders. Except as otherwise required by law, holders of our Common Stock, as such, are not entitled to vote on any amendment to the Certificate of Incorporation (including any preferred stock designation) that relates solely to the rights, powers, preferences (or the qualifications, limitations or restrictions thereof) or other terms of one or more outstanding series of our preferred stock if the holders of such affected series of our preferred stock are entitled to vote on such amendment pursuant to the Certificate of Incorporation (including any preferred stock designation) or pursuant to the DGCL.

Dividends

Subject to applicable law and the rights and preferences of any holders of any outstanding series of our preferred stock, holders of our Common Stock are entitled to receive dividends when, as and if declared by the Board, payable either in cash, in property or in shares of capital stock.

Liquidation, Dissolution and Winding Up

Upon our liquidation, dissolution or winding up and after payment in full of all amounts required to be paid to creditors and to any holders of our preferred stock having liquidation preferences, if any, our remaining assets of whatever kind available for distribution will be distributed to the holders of our Common Stock ratably in proportion to the number of shares of our Common Stock held by them and to the holders of any outstanding series of our preferred stock entitled thereto. The voluntary sale, conveyance, lease, exchange or transfer (for cash, shares of capital stock, securities or other consideration) of all or substantially all of our assets or a merger involving us and one or more other entities (whether or not we are the entity surviving such merger) will not be deemed to be us dissolving, liquidating or winding up our affairs.

Preemptive or Other Rights

Subject to the preferential rights of any other class or series of stock, all shares of our Common Stock have equal dividend, distribution, liquidation and other rights, and have no preference or appraisal rights, except for any appraisal rights provided by the DGCL. Furthermore, holders of our Common Stock have no preemptive rights and there are no conversion, sinking fund or redemption rights, or rights to subscribe for any of our securities. The rights, powers, preferences and privileges of holders of our Common Stock are subject to those of the holders of any shares of our preferred stock that the Board may authorize and issue in the future.

Election of Directors

The Board is divided into three classes, each of which generally serves for a term of three years with only one class of directors being elected in each year. There is no cumulative voting with respect to the election of directors, with the result that the holders of more than 50% of the shares voted for the election of directors can elect all of the directors.

Common Stock Warrants

Each whole Common Stock Warrant entitles the registered holder to purchase one share of Common Stock at a price of \$11.50 per share, subject to adjustment as discussed below, at any time commencing on September 12, 2021. The Common Stock Warrants will expire on the fifth anniversary of the Closing of the Business Combination, at 5:00 p.m., New York City time, or earlier upon redemption or liquidation.

Common Stock Warrants will not be exercisable for cash unless we have an effective and current registration statement covering the shares of Common Stock issuable upon exercise of the Common Stock Warrants and a current prospectus relating to such shares of Common Stock. Notwithstanding the foregoing, holders of Public Warrants may, during any period when we have failed to maintain an effective registration statement, exercise Public Warrants on a cashless basis pursuant to the exemption provided by Section 3(a)(9) of the Securities Act, provided that such exemption is available. If that exemption, or another exemption, is not available, holders will not be able to exercise their Public Warrants on a cashless basis. In the event of such a cashless exercise, each holder would pay the exercise price by surrendering the Public Warrants for that number of shares of Common Stock equal to the quotient obtained by dividing (x) the product of the number of shares of Common Stock underlying the Public Warrants, multiplied by the difference between the exercise price of the Public Warrants and the “fair market value” (as defined below) by (y) the fair market value. The “fair market value” for this purpose means the average reported last sale price of the shares of Common Stock for the ten trading days ending on the trading day prior to the date of exercise.

We may call the Common Stock Warrants for redemption (excluding the Private Placement Warrants), in whole and not in part, at a price of \$0.01 per warrant, (i) upon not less than 30 days’ prior written notice of redemption to each holder of Common Stock Warrants, (ii) if, and only if, the reported last sale price of the shares of Common Stock equals or exceeds \$18.00 per share (as adjusted for stock splits, stock dividends, reorganizations and recapitalizations), for any 20 trading days within a 30 trading day period ending on the third trading day prior to the notice of redemption to holders of Common Stock Warrants, and (iii) if, and only if, there is a current registration statement in effect with respect to the shares of Common Stock underlying such warrants.

The right to exercise will be forfeited unless the Common Stock Warrants are exercised prior to the date specified in the notice of redemption. On and after the redemption date, a record holder of a Common Stock Warrant will have no further rights except to receive the redemption price for such holder’s warrant upon surrender of such warrant.

If we call the Common Stock Warrants for redemption as described above, our management will have the option to require all holders that wish to exercise warrants to do so on a “cashless basis.” In such event, each holder would pay the exercise price by surrendering the Common Stock Warrants for that number of shares of Common Stock equal to the quotient obtained by dividing (x) the product of the number of shares of Common Stock underlying the Common Stock Warrants, multiplied by the difference between the exercise price of the warrants and the “fair market value” (as defined below) by (y) the fair market value. The “fair market value” for this purpose means the average reported last sale price of the shares of Common Stock for the ten trading days ending on the third trading day prior to the date on which the notice of redemption is sent to the holders of Common Stock Warrants. The exercise price and number of shares of Common Stock issuable on exercise of the Common Stock Warrants may be adjusted in certain circumstances including in the event of a stock dividend, extraordinary dividend or our recapitalization, reorganization, merger or consolidation. However, the Common Stock Warrants will not be adjusted for issuances of shares of Common Stock at a price below their respective exercise prices.

No fractional shares will be issued upon exercise of the Common Stock Warrants. If, upon exercise of the Common Stock Warrants, a holder would be entitled to receive a fractional interest in a share, we will, upon exercise, round up to the nearest whole number the number of shares of Common Stock to be issued to the warrant holder.

Post-Combination Warrants

Each whole Post-Combination \$12.50 Warrant entitles the registered holder to purchase one share of Common Stock at a price of \$12.50 per share, each whole Post-Combination \$15.00 Warrant entitles the registered holder to purchase one share of Common Stock at a price of \$15.00 per share and each whole Post-Combination \$17.50 Warrant entitles the registered holder to purchase one share of Common Stock at a price of \$17.50 per share, in each case, subject to adjustment as discussed below. The Post-Combination Warrants may only be exercised during the period commencing on the Closing and terminating on the earlier of (i) August 13, 2023 and (ii) the redemption date, as further described below, for a price of \$12.50 per Post-Combination \$12.50 Warrant, \$15.00 per Post-Combination \$15.00 Warrants and \$17.50 per Post-Combination \$17.50 Warrant.

We, at our option, may redeem all, but not less than all, of our Post-Combination \$12.50 Warrants, at the price of \$0.01 per Post-Combination \$12.50 Warrant if the last sales price of our Common Stock reported has been at least \$12.50 per share, subject to adjustment per the terms of the Post-Combination \$12.50 Warrant, on each of 20 trading days within the 30 trading day period commencing once the Post-Combination \$12.50 Warrants become exercisable and ending on the third trading day prior to the date on which notice of redemption is given. We may, at our option, redeem all, but not less than all, of our Post-Combination \$15.00 Warrants, at the price of \$0.01 per Post-Combination \$15.00 Warrant if the last sales price of our Common Stock reported has been at least \$15.00 per share, subject to adjustment per the terms of the Post-Combination \$15.00 Warrant, on each of 20 trading days within the 30 trading day period commencing once the Post-Combination \$15.00 Warrants become exercisable and ending on the third trading day prior to the date on which notice of redemption is given. We may, at our option, redeem all, but not less than all, of the Post-Combination \$17.50 Warrants, at the price of \$0.01 per Post-Combination \$17.50 Warrant if the last sales price of our Common Stock reported has been at least \$17.50 per share, subject to adjustment per the terms of the Post-Combination \$17.50 Warrant, on each of 20 trading days within the 30 trading day period commencing once the Post-Combination \$17.50 Warrants become exercisable and ending on the third trading day prior to the date on which notice of redemption is given. We must mail a notice of redemption to the holders of our Post-Combination Warrants being redeemed not less than 30 days prior to the redemption date. We may only exercise our option to redeem our Post-Combination Warrants if there is an effective registration statement covering the shares of our Common Stock issuable upon exercise of the Post-Combination Warrants, and a current prospectus relating thereto, during the 30-day redemption period. The Post-Combination Warrants may be exercised for cash, or on a cashless basis, at any time after the notice of redemption has been given by us prior to the redemption date.

The exercise price and number of shares of our Common Stock issuable on exercise of the Post-Combination Warrants may be adjusted in certain circumstances including in the event of a stock dividend, extraordinary dividend or our recapitalization, reorganization, merger or consolidation. No fractional shares will be issued upon exercise of the Post-Combination Warrants.

Dividends

We have not paid any cash dividends on our Common Stock to date. The payment of cash dividends in the future will be dependent upon our revenues and earnings, if any, capital requirements and general financial condition. The payment of any cash dividends will be within the discretion of our Board.

Listing of Securities

Our Common Stock, our Public Warrants, our Post-Combination \$12.50 Warrants, our Post-Combination \$15.00 Warrants and our Post-Combination \$17.50 Warrants are currently listed on the NYSE American under the symbols “MIMO”, “MIMO WS”, “MIMO WSA”, “MIMO WSB” and “MIMO WSC”, respectively.

Transfer Agent, Registrar and Warrant Agent

The transfer agent and registrar for our Common Stock and the warrant agent for our Common Stock Warrants and Post-Combination Warrants is Continental Stock Transfer & Trust Company.

Certain Anti-Takeover Provisions of Delaware Law

Classified Board of Directors

The Certificate of Incorporation provides that the Board is divided into three classes of directors, with the classes to be as nearly equal in number as possible, and with each director serving a three-year term. As a result, approximately one-third of the Board is elected each year. The classification of directors has the effect of making it more difficult for stockholders to change the composition of the Board.

Authorized but Unissued Shares

The authorized but unissued shares of our Common Stock and preferred stock are available for future issuance without stockholder approval, subject to any limitations imposed by the listing standards of the NYSE American. These additional shares may be used for a variety of corporate finance transactions, acquisitions and employee benefit plans. The existence of our authorized but unissued and unreserved Common Stock and preferred stock could make it more difficult or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

Stockholder Action; Special Meetings of Stockholders

The Certificate of Incorporation provides that stockholders may not take action by written consent, but may only take action at annual or special meetings of stockholders. As a result, a holder controlling a majority of our capital stock is not able to amend our Bylaws or remove directors without holding a meeting of stockholders called in accordance with our Bylaws. This restriction does not apply to actions taken by the holders of any series of our preferred stock to the extent expressly provided in the applicable preferred stock designation. Further, the Certificate of Incorporation provides that, subject to any special rights of the holders of our preferred stock, only the Board, the chairperson of the Board or our chief executive officer may call special meetings of stockholders, thus prohibiting a holder of our Common Stock from calling a special meeting. These provisions might delay the ability of stockholders to force consideration of a proposal or for stockholders controlling a majority of our capital stock to take any action, including the removal of directors.

Advance Notice Requirements for Stockholder Proposals and Director Nominations

Our Bylaws provide that stockholders seeking to bring business before our annual meeting of stockholders, or to nominate candidates for election as directors at our annual meeting of stockholders, must provide timely notice. To be timely, a stockholder's notice will need to be delivered to, or mailed and received at, our principal executive offices not less than 90 days nor more than 120 days prior to the one-year anniversary of the preceding year's annual meeting, except in the case of a special meeting to nominate candidates for election as directors, timely notice will mean not earlier than 120 days prior to the special meeting and not later than the later of 90 days prior to the special meeting or the 10th day following the day on which we first make public disclosure of the date of the special meeting. In the event that no annual meeting was held in the preceding year, to be timely, a stockholder's notice must be so delivered, or mailed and received, not earlier than the close of business on 120th day prior to such annual meeting and not later than the close of business on the later of the 90th day prior to such annual meeting or, if later, the 10th day following the day on which we first make public disclosure of the date of such annual meeting. In the event that the date of the annual meeting is more than 30 days before or more than 60 days after such anniversary date, to be timely, a stockholder's notice must be so delivered, or mailed and received, not later than the 90th day prior to such annual meeting or, if later, the 10th day following the day on which we first make public disclosure of the date of such annual meeting. Our Bylaws will also specify certain requirements as to the form and content of a stockholders' notice. These provisions may preclude our stockholders from bringing matters before our annual meeting of stockholders or from making nominations for directors.

Amendment of Certificate of Incorporation or Bylaws

Our Bylaws may be amended or repealed by the Board or by the affirmative vote of the holders of at least $66\frac{2}{3}\%$ of the voting power of all of the shares of our capital stock entitled to vote in the election of directors, voting as one class. The affirmative vote of the holders of at least $66\frac{2}{3}\%$ of the voting power of the then outstanding shares of our capital stock entitled to vote generally in the election of directors, voting together as a single class, is required to amend certain provisions of the Certificate of Incorporation.

Board Vacancies

Any vacancy on the Board may be filled by a majority vote of the directors then in office, although less than a quorum, or by a sole remaining director, subject to any special rights of the holders of our preferred stock. Any director chosen to fill a vacancy will hold office until the expiration of the term of the class for which he or she was elected and until his or her successor is duly elected and qualified or until their earlier resignation, removal from office, death or incapacity. Except as otherwise provided by law, the Stockholders Agreement or our Bylaws, in the event of a vacancy in the Board, the remaining directors may exercise the powers of the full Board until the vacancy is filled.

Exclusive Forum Selection

The Certificate of Incorporation provides that unless we consent in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware (or, in the event that the Chancery Court does not have jurisdiction, the federal district court for the District of Delaware or other state courts of the State of Delaware) will, to the fullest extent permitted by applicable law, be the sole and exclusive forum for (i) any derivative action brought by on behalf of us, (ii) any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers or stockholders or to our stockholders, (iii) any action arising under the Certificate of Incorporation, our Bylaws or the DGCL or (iv) any action asserting a claim against us governed by the internal affairs doctrine. In addition, the Certificate of Incorporation designates the federal district courts of the United States of America as the exclusive forum for the resolution of any complaint asserting a cause of action arising under the Securities Act. Any person or entity purchasing or otherwise acquiring any interest in shares of our capital stock will be deemed to have notice of and consented to the exclusive forum provisions in the Certificate of Incorporation.

Section 27 of the Exchange Act creates exclusive federal jurisdiction over all suits brought to enforce any duty or liability created by the Exchange Act or the rules and regulations thereunder. As a result, the exclusive forum provision in the Certificate of Incorporation does not apply to suits brought to enforce any duty or liability created by the Exchange Act or any other claim for which the federal courts have exclusive jurisdiction.

Although we believe these provisions benefit us by providing increased consistency in the application of Delaware law in the types of lawsuits to which it applies, a court may determine that these provisions are unenforceable, and to the extent they are enforceable, the provisions may have the effect of discouraging lawsuits against our directors and officers, although our stockholders will not be deemed to have waived our compliance with federal securities laws and the rules and regulations thereunder.

Section 203 of the Delaware General Corporation Law

We are subject to the provisions of Section 203 of the DGCL. In general, Section 203 prohibits a Delaware corporation that is listed on a national securities exchange or held of record by more than 2,000 stockholders from engaging in a “business combination” with an “interested stockholder” for a three-year period following the time that such stockholder becomes an interested stockholder, unless the business combination is approved in a prescribed manner. A “business combination” includes, among other things, certain mergers, asset or stock sales or other transactions resulting in a financial benefit to the interested stockholder. An “interested stockholder” is a person who, together with affiliates and associates, owns, or did own within three years prior to the determination of interested stockholder status, 15% or more of the corporation’s outstanding voting stock. Under Section 203, a business combination between a corporation and an interested stockholder is prohibited unless it satisfies one of the following conditions:

- before the stockholder became interested, the board of directors approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder;
- upon consummation of the transaction which resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding for purposes of determining the voting stock outstanding, shares owned by persons who are directors and also officers, and employee stock plans, in some instances; or
- at or after the time the stockholder became interested, the business combination was approved by the board of directors of the corporation and authorized at an annual or special meeting of the stockholders by the affirmative vote of at least 66 2/3% of the outstanding voting stock which is not owned by the interested stockholder.

Under certain circumstances, Section 203 of the DGCL will make it more difficult for a person who would be an “interested stockholder” to effect various business combinations with a corporation for a three-year period. This provision may encourage companies interested in acquiring us to negotiate in advance with the Board because the stockholder approval requirement would be avoided if the Board approves either the business combination or the transaction which results in the stockholder becoming an interested stockholder. Section 203 of the DGCL also may have the effect of preventing changes in the Board and may make it more difficult to accomplish transactions which stockholders may otherwise deem to be in their best interests.

Limitation on Liability and Indemnification of Directors and Officers

The Certificate of Incorporation provides that our directors and officers will be indemnified and advanced expenses by us to the fullest extent authorized or permitted by the DGCL as it now exists or may in the future be amended. In addition, the Certificate of Incorporation provides that our directors will not be personally liable to us or our stockholders for monetary damages for breaches of their fiduciary duty as directors to the fullest extent permitted by the DGCL.

The Certificate of Incorporation also permits us to purchase and maintain insurance on behalf of any officer, director, employee or agent of us for any liability arising out of his or her status as such, regardless of whether the DGCL would permit indemnification.

These provisions may discourage stockholders from bringing a lawsuit against our directors for breach of their fiduciary duty. These provisions also may have the effect of reducing the likelihood of derivative litigation against directors and officers, even though such an action, if successful, might otherwise benefit us and our stockholders. Furthermore, a stockholder’s investment may be adversely affected to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions. We believe that these provisions, the insurance and the indemnity agreements are necessary to attract and retain talented and experienced directors and officers.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.



**AIRSPAN NETWORKS HOLDINGS INC.
2021 Stock Incentive Plan**

Restricted Stock Unit Agreement

THIS AGREEMENT is made as of this ____ day of _____, 202_ by and between the Company and _____ ("Participant").

All capitalized terms in this Agreement shall have the meaning assigned to them in the Airspan Networks Holdings Inc. 2021 Stock Incentive Plan (attached hereto as Exhibit I, the "*Plan*"), except where otherwise defined in Section 6. This Agreement shall be subject to the terms of the Plan, including but not limited to, Sections 4(c) and 7(b) of the Plan.

1. Grant of RSUs. The Company hereby grants to the Participant, as of the below Grant Date, the number of restricted stock units set forth below (the "*RSUs*"). Each RSU represents the right to receive a Share of the Company.

Grant Date: _____

Vesting Commencement Date: _____

Number of RSUs: _____

2. Stockholder Rights. Prior to the issuance of Shares with respect to RSUs, the RSUs shall not have ownership or rights of ownership of any Shares underlying the RSUs. The RSUs may not be sold, assigned, transferred or pledged, other than by will or the laws of descent and distribution, and any such attempted transfer shall be void. Notwithstanding the foregoing, the Participant shall accumulate an unvested right to dividend equivalent amounts on the RSUs if cash dividends are declared on the underlying Shares on or after the Grant Date. Each time a dividend is paid on Shares, the Participant shall accrue an amount equal to the amount of the dividend payable on the Participant's RSUs as if they were Shares on the dividend record date. The accrued amounts shall be subject to the same vesting, forfeiture and share delivery terms in Section 3 herein as if they had been awarded on the Grant Date. The Participant shall not be entitled to amounts with respect to dividends declared prior to the Grant Date. All dividend amounts accumulated with respect to forfeited RSUs shall also be irrevocably forfeited.

3. Vesting and Forfeiture of the RSUs.

(a) Except as provided below, the RSUs shall vest as follows:

Vesting Date
_____, 20__

Number of
Shares Vested

(b) Upon the Participant's separation from Service, any remaining unvested RSUs shall cease vesting immediately, and shall be irrevocably forfeited.

(c) The Participant acknowledges that, to the extent the vesting of any RSUs occurs during a "blackout" period wherein certain employees, including the Participant, are precluded from selling Shares, the Company retains the right, in its sole discretion, to defer the delivery of the Shares pursuant to the RSUs except that the Company will not exercise its right to defer the Participant's receipt of such Shares if such Shares are specifically covered by a trading plan of the Participant which conforms to the requirements of Rule 10b5-1 of the Exchange Act and the Company's policies and procedures with respect to Rule 10b5-1 trading plans and such trading plan causes such shares to be exempt from any applicable blackout period then in effect. In the event the receipt of any Shares is deferred hereunder due to the existence of a regularly scheduled blackout period, such Shares will be issued to the Participant on the first day following the termination of such regularly scheduled blackout period, except that in no event will the issuance of such Shares be deferred subsequent to March 15th of the year following the year in which such shares vest. In the event the receipt of any Shares is deferred hereunder due to the existence of a special blackout period, such Shares will be issued to the Participant on the first day following the termination of such special blackout period as determined by the Company's General Counsel or his or her delegate, except that in no event will the issuance of such Shares be deferred subsequent to March 15th of the year following the year in which such Shares vest. Notwithstanding the foregoing, any deferred Shares will be issued promptly to the Participant prior to the termination of the blackout period in the event the Participant ceases to be subject to the blackout period. The Participant hereby represents that he or she accepts the effect of any such deferral under relevant federal, state and local tax laws or otherwise.

4. Taxes. The Participant is liable for any federal, state and local income or other taxes ("*Tax-Related Items*") upon the receipt of the RSUs, the lapse of restrictions relating to the RSUs or the subsequent disposition of any of the RSUs, and the Participant acknowledges that he or she should consult with his or her own tax advisor regarding the applicable tax consequences. Upon vesting of the RSUs, the Participant shall promptly pay to the Company in cash, and/or the Company may withhold from the Employee's compensation, all applicable taxes required by the Company to be withheld or collected upon such vesting. The Participant may not elect to have withholding accomplished by withholding of Shares that would otherwise be released upon vesting having a Fair Market Value equal to the required withholding amounts for Tax-Related Items (a "*net share settlement*") unless such net share settlement is specifically authorized by the Committee. Absent a timely election of a withholding method, all withholding shall be accomplished by a broker-assisted sale of Shares sufficient to cover, after deduction of the broker's commission, all Tax-Related Items (a "sell to cover" transaction), if the Company believes that such sell to cover transaction can be made in compliance with any applicable insider trading or similar policy of the Company and applicable securities laws. The Participant agrees to hold the Company and the applicable broker harmless from all costs, damages or expenses relating to any sell to cover transaction. The Participant further agrees and acknowledges that the Company and the applicable broker are under no obligation to arrange for a sell to cover transaction at any particular price. In connection with a sell to cover transaction, the Participant shall execute any such documents requested by the applicable broker in order to effectuate the sale of Shares and payment of the withholding obligation to the Company.

5. General Provisions.

(a) Governing Law. The interpretation, performance and enforcement of this Agreement shall be governed by the laws of the State of Delaware without giving effect to that State's choice-of-law or conflict-of-law rules.

(b) Agreement is Entire Contract. The Plan is hereby incorporated by reference. This Agreement (and any addendum hereto) and the Plan constitute the entire contract between the parties hereto with regard to the subject matter hereof. To the extent there is a conflict between the terms of this Agreement and the terms of the Plan, the terms of the Plan shall prevail. All decisions of the Committee with respect to any question or issue arising under the Plan or this Agreement shall be binding on all persons having an interest in the RSUs. The Company and Participant hereby acknowledge and agree that the terms of this Agreement shall supersede in all respects the terms of the Airspan Networks Inc. Management Incentive Plan and any prior arrangement or agreement, whether written or oral, dealing with the matters herein, to the extent not otherwise rescinded or revoked.

(c) Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

(d) Successors and Assigns. The provisions of this Agreement shall inure to the benefit of, and be binding upon, the Company and its successors and assigns and upon Participant, Participant's permitted assigns and the legal representatives, heirs and legatees of Participant's estate, whether or not any such person shall have become a party to this Agreement and have agreed in writing to join herein and be bound by the terms hereof.

(e) Consultation with Professional Tax and Investment Advisors. Participant acknowledges that the grant, issuance, vesting or any payment with respect to any RSUs, and the sale or other taxable disposition of the RSUs, may have tax consequences pursuant to the Code or under local, state or international tax laws. Participant further acknowledges that he or she is relying solely and exclusively on his or her own professional tax and investment advisors with respect to any and all such matters (and is not relying, in any manner, on the Company or any of its employees, agents or representatives). Finally, Participant understands and agrees that any and all tax consequences resulting from the RSUs and their grant, issuance, vesting or any payment with respect thereto, and the sale or other taxable disposition of the RSUs, is solely and exclusively the responsibility of Participant without any expectation or understanding that the Company or any of its employees, agents or representatives will pay or reimburse Participant for such taxes or other items.

6. Definitions. The following definitions shall be in effect under the Agreement:

(a) **Agreement** shall mean this Restricted Stock Unit Agreement.

(b) **Grant Date** shall mean the date of grant of the RSUs as specified in Section 1.

(c) **Service** shall mean Participant's performance of services for the Company (or any Affiliate) in the capacity of an employee, a member of the Board, a consultant, independent contractor or an advisor.

Remainder of Page Left Blank Intentionally

Dated: _____, 202_

AIRSPAN NETWORKS HOLDINGS INC.:

By: _____

Name: _____

Title: _____

PARTICIPANT:

Signature: _____

Printed Name: _____

Address: _____

Exhibit I to Restricted Stock Unit Agreement

2021 Stock Incentive Plan

Subsidiaries of the Company

Name of Subsidiary	Jurisdiction of Incorporation
Airspan Networks Inc.	Delaware
Airspan IP Holdco LLC	Delaware
Airspan Networks (SG) Inc.	Delaware
Mimosa Networks, Inc.	Delaware
Airspan Communications Limited	United Kingdom
Airspan Networks (Beijing) Co Ltd	China
P.T. Airspan Networks Indonesia	Indonesia
Airspan Japan K.K.	Japan
Airspan Networks Pty Limited	Australia
Airspan Networks (India) Private Limited	India
Airspan Networks Ltd	Israel
Airspan Communications Ltd	Nepal
Airspan Networks (Poland) Sp z.o.o.	Poland
Airspan Networks (Finland) OY	Finland
Airspan Solutions Limited	Israel
Mimosa Networks Bilisim Teknolojileri Limited Sirketi	Turkey
Mimosa Networks International, LLC	Delaware

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We have issued our report dated April 8, 2022, with respect to the consolidated financial statements included in the Annual Report of Airspan Networks Holdings Inc. on Form 10-K for the year ended December 31, 2021. We consent to the incorporation by reference of said report in the Registration Statements of Airspan Networks Holdings Inc. on Forms S-8 (File No. 333-256137 and File No. 333-260327).

/s/ GRANT THORNTON LLP

Fort Lauderdale, Florida
April 8, 2022

CERTIFICATIONS

I, Eric Stonestrom, certify that:

1. I have reviewed this Annual Report on Form 10-K of Airspan Networks Holdings Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: April 8, 2022

By: /s/ Eric Stonestrom
Name: Eric Stonestrom
Title: Chief Executive Officer
(Principal Executive Officer)

CERTIFICATIONS

I, David Brant, certify that:

1. I have reviewed this Annual Report on Form 10-K of Airspan Networks Holdings Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: April 8, 2022

By: /s/ David Brant
Name: David Brant
Title: Chief Financial Officer
(Principal Financial Officer)

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, Eric Stonestrom, Chief Executive Officer of Airspan Networks Holdings Inc. (the “Company”), certify, pursuant to 18 U.S.C. Section 1350, that, to my knowledge:

1. the Annual Report on Form 10-K of the Company for the year ended December 31, 2021 (the “Report”) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: April 8, 2022

By: /s/ Eric Stonestrom

Name: Eric Stonestrom

Title: Chief Executive Officer
(Principal Executive Officer)

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, David Brant, Chief Financial Officer of Airspan Networks Holdings Inc. (the “Company”), certify, pursuant to 18 U.S.C. Section 1350, that, to my knowledge:

1. the Annual Report on Form 10-K of the Company for the year ended December 31, 2021 (the “Report”) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: April 8, 2022

By: /s/ David Brant
Name: David Brant
Title: Chief Financial Officer
(Principal Financial Officer)
