



Airgain Introduces Toolkit of Antenna Solutions to Enable Highest Performance Wi-Fi 6 Connectivity Solutions

New family of embedded antennas enable configurable IEEE 802.11ax (Wi-Fi 6) performance to match any needs

SAN DIEGO--(BUSINESS WIRE)-- [Airgain, Inc. \(NASDAQ: AIRG\)](#), a leading provider of advanced antenna technologies used to enable high performance wireless networking across a broad range of devices and markets, including connected home, enterprise, automotive, and Internet of Things (IoT), today announced the release of a toolkit of new embedded antenna solutions designed to provide enhanced performance and reduced time-to-market for Wi-Fi 6 wireless systems.

Airgain is determined to lead the market in terms of Wi-Fi 6 antenna system technology and integration expertise, having worked with the top chipset manufacturers on Wi-Fi 6 reference designs, as well as commercial Wi-Fi 6 gateways and clients with the leading OEMs.

“Wi-Fi 6 promises to deliver significant increases in performance. However, it also raises the bar in terms of RF system complexity, requiring tailored antenna solutions plus deep knowledge of the real-world challenges to get the best out of the technology,” said Callum Noon, Director, Product Management & Marketing at Airgain. “Our new Wi-Fi 6 antenna solutions have been born out of necessity to conquer the specific challenges of Wi-Fi 6 embedded device implementation for ultimate performance of custom designed devices.”

The new antennas leverage Airgain’s over-the-air (OTA) performance validation and optimization, and already substantial expertise in Wi-Fi 6 system integration. In combination, these new products form a comprehensive toolkit of Wi-Fi 6 solutions that help enable Airgain to deliver market-leading antenna integration and OEM design support for complex carrier gateways and access points.

Airgain’s Profile Embedded Antenna family now features four new designs targeting specific Wi-Fi 6 wireless system design challenges, designed to enable tailored performance characteristics to meet the needs of any Wi-Fi 6 implementation:

- **Profile Embedded X Series Antenna**
 - Improves inter-antenna isolation for higher modulation and MIMO operation
 - Allows smaller device size
 - Provides increased flexibility in choosing antenna locations
- **Profile Embedded Q Series Antenna**
 - Introduces Airgain’s new ‘Double Infinite Balun’ balanced antenna design

- Designed to meet the challenges of increasingly 'noisy' device enclosures
- Provides significant noise rejection improvement, improving overall RF system performance
- **Profile Embedded H Series Antenna**
 - Delivers polarization diversity with omnidirectionality in a tiny vertical form factor, providing numerous advantages for Wi-Fi embedded system design
 - Increases isolation
 - Provides a co-existence solution for IoT technologies to operate in-band in conjunction with Wi-Fi in the same device
- **Profile Embedded Q6 Series Antenna**
 - Provides immediate availability of embedded antennas supporting the proposed new ISM frequency bands proposed to be introduced by the FCC as early as 2019, with coverage for the new 6GHz (5.9-7.125MHz) spectrum in various configurations including dual band and support for existing 5.8GHz unlicensed band
 - Features Airgain's 'Double Infinite Balun' technology included in the Q Series antenna range

Airgain's latest innovations, including the new Profile family of antennas for Wi-Fi 6 connectivity, will be on display during the 2019 International [Consumer Electronics Show](#) (CES), held January 8th through 11th in Las Vegas, NV.

Contact Airgain at info@airgain.com to request a meeting to discuss our new technology offerings. Airgain will also be displaying the Antenna Plus product portfolio in the GetWireless booth #2409 in the Westgate Las Vegas Resort & Casino.

About Airgain, Inc.

Airgain is a leading provider of advanced antenna technologies used to enable high performance wireless networking across a broad range of devices and markets, including connected home, enterprise, automotive, and Internet of Things (IoT). Combining design-led thinking with testing and development, Airgain works in partnership with the entire ecosystem, including carriers, chipset suppliers, OEMs, and ODMs. Airgain's antennas are deployed in carrier, fleet, enterprise, residential, private, government, and public safety wireless networks and systems, including set-top boxes, access points, routers, modems, gateways, media adapters, portables, digital televisions, sensors, fleet, and asset tracking devices. Airgain is headquartered in San Diego, California, and maintains design and test centers in the U.S., U.K., and China. For more information, visit airgain.com, or follow us on [LinkedIn](#) and [Twitter](#).

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Forward-Looking Statements

Airgain cautions you that statements in this press release that are not a description of historical facts are forward-looking statements. These statements are based on the company's current beliefs and expectations. These forward-looking statements include statements regarding the expected performance features of our new embedded antennas

solutions and their ability to provide enhanced performance and reduced time-to-market for Wi-Fi 6 wireless, and statements regarding the company's position as a market leader in Wi-Fi 6 antenna technology. The inclusion of forward-looking statements should not be regarded as a representation by Airgain that any of our plans will be achieved. Actual results may differ from those set forth in this press release due to the risk and uncertainties inherent in our business, including, without limitation: the market for our products is developing and may not develop as we expect; risks associated with the performance of our products; our products are subject to intense competition, and competitive pressures from existing and new companies may harm our business, sales, growth rates and market share; risks associated with quality and timing in manufacturing our products; and other risks described in our prior press releases and in our filings with the Securities and Exchange Commission, including under the heading "Risk Factors" in our Annual Report on Form 10-K and any subsequent filings with the SEC. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof, and we undertake no obligation to revise or update this press release to reflect events or circumstances after the date hereof. All forward-looking statements are qualified in their entirety by this cautionary statement, which is made under the safe harbor provisions of the Private Securities Litigation Reform Act of 1995.

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Source: Airgain, Inc.