

# Global 5G FWA CPE Market: Key Trends, Market Share, Growth Drivers, and Forecast for 2025-2034

*The Business Research Company's 5G FWA CPE Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, March 28, 2025

[/Einpresswire.com/](https://www.einpresswire.com/) -- The size of the [5G FWA CPE market](#) has expanded

rapidly in recent years. From \$2.67 billion in 2024, it is projected to grow to \$3.18 billion in 2025, exhibiting a compound annual growth rate CAGR of 18.7%. This significant growth during the historic period can primarily be traced back to the increase in remote work adoption, rising demand for connectivity in rural areas, growing demand for high-speed internet connectivity, increased adoption of connected devices, and the escalated usage of innovative technologies.



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What is the projected growth of the 5G FWA CPE Market?

The [5G FWA CPE market size](#) is expected to witness fast-paced growth in the coming years, reaching \$6.25 billion by 2029, reflecting a CAGR of 18.4%. Factors contributing to this growth during the forecast period include the rising popularity of smart homes, heightened focus on

enhancing user experiences, steady increase in demand from residential and commercial sectors, rapid urbanization and an escalating need for reliable connectivity. There are also notable trends during the forecast period, pivoting towards remote work, strategic collaborations and launches, integration of AI and advanced analytics, Internet of Things IoT, as well as advances in wireless modules.

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What is driving the future growth of the 5G FWA CPE Market?

A compelling factor driving the accelerator of the 5G FWA CPE market is the growing demand for high-speed internet connectivity. This form of connectivity enables seamless communication, bolstering data-intensive applications, and heightening digital experiences for both residential and commercial users. The escalating demand for high-speed internet is spurred by an increasing reliance on digital services such as remote work, online education, streaming, cloud computing and the spread of IoT and smart technologies.

5G FWA CPE offers a wireless alternative to traditional broadband infrastructure, supplying high-speed internet without the need for extensive fiber deployment, making it an attractive solution for urban, suburban, and rural areas. An example of its impact lies in a report by Uswitch Limited, a UK-based price comparison website, that in 2023, the median internet speed in the UK reached 73.21 Mbps, reflecting a rise of over 12% compared to September 2022. Thus, it is evident that the growing demand for high-speed internet connectivity is a significant factor propelling the growth of the 5G FWA CPE market.

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Key industry players in the 5G FWA CPE market include Qualcomm Incorporated, Ericsson AB, Nokia Corporation, Vantiva S.A., Sagemcom Broadband SAS, Sercomm Corporation, Arcadyan Technology Corporation, Askey Computer Corporation, Adtran Inc., Zyxel Communications Corporation, Casa Systems Inc., VVDN Technologies Pvt. Ltd., Tarana Wireless Inc., Inseego Corp., Cambium Networks Corporation, ZTE Corporation, Baicells Technologies Co. Ltd., Mimoso Networks Inc., Huawei Technologies Co. Ltd., Tozed Kangwei Communication Co. Ltd., Samsung Electronics Co. Ltd., Quectel Wireless Solutions Co. Ltd.

Advancements and innovation in technology spearheaded by these industry leaders, such as the development of advanced network receivers to boost signal reception, improve network reliability, and provide faster internet speeds, are shaping the future of the market. For instance, Nokia Corporation, a Finland-based telecommunications company, launched a new 5G mmWave receiver in February 2024 to elevate the capabilities of fixed wireless access networks. This outdoor 5G receiver, leveraging the cost-effective mmWave spectrum, facilitates operators in delivering reliable, high-speed wireless broadband services, especially in locations where fiber network deployment may be challenging.

The 5G FWA CPE market has an array of segments, divided by deployment into Outdoor and Indoor CPEs, by branding into White Label and Brand, and by end user into Commercial and Residential segments. The outdoor deployment sub-segment includes Pole-Mounted CPE, Rooftop CPE, Wall-Mounted CPE, Window-Mounted CPE, while the indoor deployment sub-segment encompasses Desktop CPE, Plug-and-Play CPE, Wi-Fi 6 Or 6E Integrated CPE, Ethernet-Only CPE.

Geographical Insights: Where is the 5G FWA CPE Market size most prominent?

North America led the pack in the 5G FWA CPE market in 2024. The market report delves into diverse geographies, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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