

Global Wi-Fi 6 and Wi-Fi 6E Market 2023-2029

<https://marketpublishers.com/r/GFED42E15F02EN.html>

Date: March 2023

Pages: 62

Price: US\$ 2,950.00 (Single User License)

ID: GFED42E15F02EN

Abstracts

Wi-Fi 6 and Wi-Fi 6E are the latest generations of Wi-Fi technology that provide faster and more reliable internet connectivity. Wi-Fi 6 operates in the 2.4 GHz and 5GHz frequency bands while Wi-Fi 6E uses the 6GHz frequency band in addition to the 2.4GHz and 5GHz bands. This additional frequency range provides more channels, and is generally less congested, leading to better speeds and reliability. The global Wi-Fi 6 and Wi-Fi 6E market size is projected to grow by USD 46.6 billion from 2023 to 2029, registering a CAGR of 30.55 percent, according to the latest market data.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global Wi-Fi 6 and Wi-Fi 6E market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the chipset type, device type, application, and region. The global market for Wi-Fi 6 and Wi-Fi 6E can be segmented by chipset type: Wi-Fi 6, Wi-Fi 6E. The Wi-Fi 6 segment was the largest contributor to the global Wi-Fi 6 and Wi-Fi 6E market in 2022. Wi-Fi 6 and Wi-Fi 6E market is further segmented by device type: WLAN infrastructure devices, consumer devices, wireless cameras, industrial IoT devices, connected vehicles, drones, others. According to the research, the WLAN infrastructure devices segment had the largest share in the global Wi-Fi 6 and Wi-Fi 6E market. Based on application, the Wi-Fi 6 and Wi-Fi 6E market is segmented into: residential, commercial, industrial, smart city, transportation, government & military, others. The commercial segment held the largest revenue share in 2022. On the basis of region, the Wi-Fi 6 and Wi-Fi 6E market also can be divided into: North America, Europe, Asia-Pacific, Rest of the World (RoW). Globally, North America made up the

largest share of the Wi-Fi 6 and Wi-Fi 6E market.

The consumer device market is further segmented into smartphones/tablets, desktops/laptops, AR/VR and smart wearables, smart home devices, others. The smartphones/tablets segment is estimated to account for the largest share of the global Wi-Fi 6 and Wi-Fi 6E market. Furthermore, the commercial market has been categorized into enterprise/corporates, airports, stadiums, malls/shops, hospitals, hotels, educational campuses, others. The enterprise/corporates segment held the largest share of the global Wi-Fi 6 and Wi-Fi 6E market in 2022 and is anticipated to hold its share during the forecast period. The industrial market is further divided into smart manufacturing, energy & utility, oil & gas, others. In 2022, the smart manufacturing segment made up the largest share of revenue generated by the Wi-Fi 6 and Wi-Fi 6E market.

Market Segmentation

By chipset type: Wi-Fi 6, Wi-Fi 6E

By device type: WLAN infrastructure devices, consumer devices, wireless cameras, industrial IoT devices, connected vehicles, drones, others

By application: residential, commercial, industrial, smart city, transportation, government & military, others

By region: North America, Europe, Asia-Pacific, Rest of the World (RoW)

The report explores the recent developments and profiles of key vendors in the Global Wi-Fi 6 and Wi-Fi 6E Market, including Broadcom Inc., Connectivity Solutions, Inc., Intel Corporation, MediaTek Inc., ON Semiconductor Corporation, Qualcomm Technologies, Inc., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global Wi-Fi 6 and Wi-Fi 6E market.

To classify and forecast the global Wi-Fi 6 and Wi-Fi 6E market based on chipset type, device type, application, region.

To identify drivers and challenges for the global Wi-Fi 6 and Wi-Fi 6E market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global Wi-Fi 6 and Wi-Fi 6E market.

To identify and analyze the profile of leading players operating in the global Wi-Fi 6 and Wi-Fi 6E market.

Why Choose This Report

Gain a reliable outlook of the global Wi-Fi 6 and Wi-Fi 6E market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Connected vehicles
Drones
Others

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Commercial
Industrial
Smart city
Transportation
Government & military
Others

PART 8. MARKET BREAKDOWN BY REGION

North America
Europe
Asia-Pacific
Rest of the World (RoW)

PART 9. KEY COMPANIES

Broadcom Inc.
Connectivity Solutions, Inc.
Intel Corporation
MediaTek Inc.
ON Semiconductor Corporation
Qualcomm Technologies, Inc.

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