

Wi-Fi Chipset Market Report by Product (Smartphones, Tablets, PCs, Access Point Equipment, Connected Home Devices, and Others), Band (Single Band, Dual Band, Tri Band), MIMO Configuration (SU-MIMO, MU-MIMO), and Region 2024-2032

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Abstracts

The global Wi-Fi chipset market size reached US\$ 19.9 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 25.9 Billion by 2032, exhibiting a growth rate (CAGR) of 2.9% during 2024-2032.

The Wi-Fi technology uses wireless transmitter and chipset to send information to mobile devices for wireless networking. These chipsets access Wi-Fi hotspots to enable the users to access networked services without the requirement of standard cables. Since the per-unit cost of a chip is usually low, these chips are mostly used in routers, computer laptops and cellular phones, and can also be used in computers or workstations in a local area network (LAN). With the growing applications of the Internet of Things (IoT), these chipsets are now also being incorporated in home appliances like air-conditioners, water heaters, washing machines and televisions.

Owing to the high penetration of smartphones and mobile devices across the globe, Wi-Fi technology has experienced a surge in its usage. Additionally, governments across the globe are developing smart cities with public Wi-Fi networks to support various service sectors such as education and healthcare. These factors are augmenting the use of Wi-Fi in homes, offices as well as public places, thereby increasing the sales of Wi-Fi chipsets. Moreover, voice over mobile broadband (VOMBB) is being preferred by consumers over traditional telecom carriers owing to its high audio quality, reduced cost and power savings ability, which is also catalysing the demand for Wi-Fi services worldwide.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global Wi-Fi chipset market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on product, band and MIMO configuration.

Breakup by Product:

Smartphones

Tablets

PCs

Access Point Equipment

Connected Home Devices

Others

Breakup by Band:

Single Band

Dual Band

Tri Band

Breakup by MIMO Configuration:

SU-MIMO

MU-MIMO

Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Qualcomm Technologies, Intel Corporation, Texas Instruments Inc,

Stmicroelectronics, Mediatek, Samsung Electronics, Marvell Technology Group Ltd, Cypress Semiconductor Corporation, Quantenna Communications, Peraso Technologies, Atmel Corporation, Celeno Communications, Espressif, Broadcom-Qualcomm, etc.

Key Questions Answered in This Report:

How has the global Wi-Fi chipset market performed so far and how will it perform in the coming years?

What are the key regional markets in the global Wi-Fi chipset industry?

What has been the impact of COVID-19 on the global Wi-Fi chipset market?

What is the breakup of the market based on the product?

What is the breakup of the market based on the band?

What is the breakup of the market based on the MIMO configuration?

What are the various stages in the value chain of the global Wi-Fi chipset industry?

What are the key driving factors and challenges in the global Wi-Fi chipset industry?

What is the structure of the global Wi-Fi chipset industry and who are the key players?

What is the degree of competition in the global Wi-Fi chipset industry?

What are the profit margins in the global Wi-Fi chipset industry?

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