

# Wireless Gigabit (WiGig) - Global Market Outlook (2017-2023)

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## Abstracts

According to Statistics MRC, the Global Wireless Gigabit (WiGig) Market is accounted for \$0.64 billion in 2016 and expected to grow at a CAGR of 35.4% to reach \$5.36 billion by 2023. Factors elevating the market growth are big digital multimedia, innovation in data transfer and connectivity, increasing penetration of portable and handheld devices. However, shorter operating range of current wigig products, rising cost of IPAM and increasing complexity of WiGig chipsets are hampering the market growth. In addition, growing BYOD and IoT and transition from IPv4 to IPv6 are major key trends that market will witness.

Based on Technology, Integrated Circuit Chip (IC Chip) on which wireless chip area network enables wireless communication among chips. Graphene is a promising material for the development of millimeter-wave electronics because of its outstanding electron transport properties. The highly integrated WM825B00 provides circuitry for a complete 2.4 GHz, IEEE 802.11 b/g/n wi-fi connectivity solutions requiring no other external components other than power supply.

Based on Type, 802.11ad is a multi-gigabit Wi-Fi technology that allows downloading and sharing 4K videos in seconds. 802.11ad utilizes a radio module of up to 32 antennas on the device and access point and dynamically creates very narrow beams that focus towards specific users. Users can virtually lag-free docking, fast browsing, seamless screen mirroring, turbocharged gaming, and untethered VR. The goal of 802.11ad is to address the congestion and capacity issues, resulting in an improved user experience.

Some of the key players in Global Wireless Gigabit (WiGig) market are Azurewave Technologies, Inc., Blu Wireless Technology, Broadcom Corporation, Cisco Systems

Inc., Intel Corporation, Marvell Technology Group Ltd., MediaTek Inc., NEC Corporation, Nvidia Corporation, Panasonic Corporation, Qualcomm Atheros and Silicon Image Inc.

Technologies Covered:

Integrated Circuit Chip (IC Chip)

System on Chip (SOC)

Devices Covered:

Network Infrastructure Devices

Communication/Display Devices

Types Covered:

802.11ad

802.11ac

Products Covered:

Networking Devices

Consumer Electronics

Applications Covered:

BFSI

Government

Retail

IT & Telecom

Healthcare

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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**Note:** North America, Europe, Asia Pacific, South America, Middle East and Africa are

represented in above manner.

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