

Global Wireless Gigabit (WiGig) Market Size study, By Type (802.11ac, 802.11ad), By Product (Consumer Electronics, Networking Devices), By Application (BFSI, Government, IT & Telecom, Retail, Healthcare), By End Use (Large Enterprises, SMBs, Residential), and Regional Forecasts 2022-2028

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Abstracts

Global Wireless Gigabit (WiGig) Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028.

The Wireless Gigabit (WiGig) can be defined as a Wireless communication system which offers data transfer speed of over one Gigabit (One billion bits) per second and above. Gigabit uses millimeter waves for data communication. The working of Gigabit is similar to traditional Wi-Fi Network. In Gigabit a Wireless router transmits data at millimeter waves with the help of a high frequency antenna module integrated with the router. The rising penetration of IoT Connected devices and increasing demand for high-speed internet connectivity as well as recent strategic initiatives from leading market players are factors that are accelerating the global market demand. For instance, according to Statista – as of 2020, The number of Internet of Things (IoT) devices worldwide was estimated at 9.7 billion devices and the number of IoT devices is projected to grow to 29 billion IoT devices by 2030, Witnessing a CAGR of around 11.57 percent in a span of ten years. Furthermore, leading market players are working towards strategic initiatives including new product launches and collaboration activities. For instance, in August 2021, Taipei, Taiwan based networking equipment company D-Link Limited launched three new variants of High-performance Gigabit router, named DIR-2150 (AC2100 Wi-Fi Gigabit Router), DIR-1950 (AC1900 Wi-Fi certified Easy Mesh

Gigabit Router), and DIR-1260 (AC1200 Gigabit Router). These new routers are based on Lightning-fast 11AC Wireless technology. Moreover, in January 2022, Siklu, a leader in millimeter wave (mmWave) solutions collaborated with Signify a leader in lighting. Under this partnership Siklu's MultiHaul™ TG multi-gigabit wireless connectivity technology would be offered with Signify's BrightSites portfolio. This new addition would be known as Broadband luminaires. This new BrightSites portfolio intended for transforming streetlights into a wireless connectivity grid to facilitate a wide range of digital city services, such as: IoT, security and traffic monitoring, 4G/5G small cells. Also, growing adoption of extended reality (XR) technologies coupled with rising technological advancements in networking solutions are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, a complex configuration process and high installation cost associated with WiGig devices impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Wireless Gigabit (WiGig) Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-Pacific is the leading region across the world in terms of market share owing to the growing number of connected devices and presence of leading market players in the region. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as the thriving adoption of technological advanced products and rising IT services sector in the region, would create lucrative growth prospects for the global Wireless Gigabit (WiGig) Market across the Asia Pacific region.

Major market players included in this report are:

Qualcomm

Intel Corporation

Broadcom Corporation

Marvell Technology Group Ltd.

Panasonic Corporation

Cisco Systems, Inc.

NEC Corporation

Azurewave Technologies, Inc.

Nvidia Corporation

MediaTek

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within

each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

802.11ac

802.11ad

By Product

Consumer Electronics

Networking Devices

By Application

BFSI

Government

IT & Telecom

Retail

Healthcare

By End-Use

Large Enterprises

SMBs

Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Wireless Gigabit (WiGig) Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
 - 1.2.1. Wireless Gigabit (WiGig) Market, by Region, 2020-2028 (USD Million)
 - 1.2.2. Wireless Gigabit (WiGig) Market, by Type, 2020-2028 (USD Million)
 - 1.2.3. Wireless Gigabit (WiGig) Market, by Product, 2020-2028 (USD Million)
 - 1.2.4. Wireless Gigabit (WiGig) Market, by Application, 2020-2028 (USD Million)
 - 1.2.5. Wireless Gigabit (WiGig) Market, by End Use, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET DYNAMICS

- 3.1. Wireless Gigabit (WiGig) Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising penetration of IoT Connected devices.
 - 3.1.1.2. Increasing demand for high-speed internet connectivity.
 - 3.1.1.3. Recent strategic initiatives from leading market players.
 - 3.1.2. Market Challenges
 - 3.1.2.1. Complex configuration process.
 - 3.1.2.2. High installation cost associated with WIGig devices.
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing adoption of extended reality (XR) technologies.
 - 3.1.3.2. Rising technological advancements in networking solutions.

CHAPTER 4. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

4.5. Top investment opportunity

4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET, BY TYPE

6.1. Market Snapshot

6.2. Global Wireless Gigabit (WiGig) Market by Type, Performance - Potential Analysis

6.3. Global Wireless Gigabit (WiGig) Market Estimates & Forecasts by Type 2018-2028 (USD Million)

6.4. Wireless Gigabit (WiGig) Market, Sub Segment Analysis

6.4.1. 802.11ac

6.4.2. 802.11ad

CHAPTER 7. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET, BY PRODUCT

7.1. Market Snapshot

7.2. Global Wireless Gigabit (WiGig) Market by Product, Performance - Potential

Analysis

7.3. Global Wireless Gigabit (WiGig) Market Estimates & Forecasts by Product
2018-2028 (USD Million)

7.4. Wireless Gigabit (WiGig) Market, Sub Segment Analysis

7.4.1. Consumer Electronics

7.4.2. Networking Devices

CHAPTER 8. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET, BY APPLICATION

8.1. Market Snapshot

8.2. Global Wireless Gigabit (WiGig) Market by Application, Performance - Potential
Analysis

8.3. Global Wireless Gigabit (WiGig) Market Estimates & Forecasts by Application
2018-2028 (USD Million)

8.4. Wireless Gigabit (WiGig) Market, Sub Segment Analysis

8.4.1. BFSI

8.4.2. Government

8.4.3. IT & Telecom

8.4.4. Retail

8.4.5. Healthcare

CHAPTER 9. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET, BY END USE

9.1. Market Snapshot

9.2. Global Wireless Gigabit (WiGig) Market by End Use, Performance - Potential
Analysis

9.3. Global Wireless Gigabit (WiGig) Market Estimates & Forecasts by End Use
2018-2028 (USD Million)

9.4. Wireless Gigabit (WiGig) Market, Sub Segment Analysis

9.4.1. Large Enterprises

9.4.2. SMBs

9.4.3. Residential

CHAPTER 10. GLOBAL WIRELESS GIGABIT (WIGIG) MARKET, REGIONAL ANALYSIS

10.1. Wireless Gigabit (WiGig) Market, Regional Market Snapshot

10.2. North America Wireless Gigabit (WiGig) Market

10.2.1. U.S. Wireless Gigabit (WiGig) Market

- 10.2.1.1. Type estimates & forecasts, 2018-2028
- 10.2.1.2. Product estimates & forecasts, 2018-2028
- 10.2.1.3. Application estimates & forecasts, 2018-2028
- 10.2.1.4. End Use estimates & forecasts, 2018-2028
- 10.2.2. Canada Wireless Gigabit (WiGig) Market
- 10.3. Europe Wireless Gigabit (WiGig) Market Snapshot
 - 10.3.1. U.K. Wireless Gigabit (WiGig) Market
 - 10.3.2. Germany Wireless Gigabit (WiGig) Market
 - 10.3.3. France Wireless Gigabit (WiGig) Market
 - 10.3.4. Spain Wireless Gigabit (WiGig) Market
 - 10.3.5. Italy Wireless Gigabit (WiGig) Market
 - 10.3.6. Rest of Europe Wireless Gigabit (WiGig) Market
- 10.4. Asia-Pacific Wireless Gigabit (WiGig) Market Snapshot
 - 10.4.1. China Wireless Gigabit (WiGig) Market
 - 10.4.2. India Wireless Gigabit (WiGig) Market
 - 10.4.3. Japan Wireless Gigabit (WiGig) Market
 - 10.4.4. Australia Wireless Gigabit (WiGig) Market
 - 10.4.5. South Korea Wireless Gigabit (WiGig) Market
 - 10.4.6. Rest of Asia Pacific Wireless Gigabit (WiGig) Market
- 10.5. Latin America Wireless Gigabit (WiGig) Market Snapshot
 - 10.5.1. Brazil Wireless Gigabit (WiGig) Market
 - 10.5.2. Mexico Wireless Gigabit (WiGig) Market
- 10.6. Rest of The World Wireless Gigabit (WiGig) Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

- 11.1. Top Market Strategies
- 11.2. Company Profiles
 - 11.2.1. Qualcomm
 - 11.2.1.1. Key Information
 - 11.2.1.2. Overview
 - 11.2.1.3. Financial (Subject to Data Availability)
 - 11.2.1.4. Product Summary
 - 11.2.1.5. Recent Developments
 - 11.2.2. Intel Corporation
 - 11.2.3. Broadcom Corporation
 - 11.2.4. Marvell Technology Group Ltd.
 - 11.2.5. Panasonic Corporation
 - 11.2.6. Cisco Systems, Inc.

- 11.2.7. NEC Corporation
- 11.2.8. Azurewave Technologies, Inc.
- 11.2.9. Nvidia Corporation
- 11.2.10. MediaTek

CHAPTER 12. RESEARCH PROCESS

- 12.1. Research Process
 - 12.1.1. Data Mining
 - 12.1.2. Analysis
 - 12.1.3. Market Estimation
 - 12.1.4. Validation
 - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Wireless Gigabit (WiGig) Market, report scope

TABLE 2. Global Wireless Gigabit (WiGig) Market estimates & forecasts by Region 2018-2028 (USD Million)

TABLE 3. Global Wireless Gigabit (WiGig) Market estimates & forecasts by Type 2018-2028 (USD Million)

TABLE 4. Global Wireless Gigabit (WiGig) Market estimates & forecasts by Product 2018-2028 (USD Million)

TABLE 5. Global Wireless Gigabit (WiGig) Market estimates & forecasts by Application 2018-2028 (USD Million)

TABLE 6. Global Wireless Gigabit (WiGig) Market estimates & forecasts by End Use 2018-2028 (USD Million)

TABLE 7. Global Wireless Gigabit (WiGig) Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 8. Global Wireless Gigabit (WiGig) Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 9. Global Wireless Gigabit (WiGig) Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 10. Global Wireless Gigabit (WiGig) Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 11. Global Wireless Gigabit (WiGig) Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 12. Global Wireless Gigabit (WiGig) Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 13. Global Wireless Gigabit (WiGig) Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 14. Global Wireless Gigabit (WiGig) Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 15. Global Wireless Gigabit (WiGig) Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 16. Global Wireless Gigabit (WiGig) Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 17. U.S. Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 18. U.S. Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 19. U.S. Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 20. Canada Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 21. Canada Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 22. Canada Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 23. UK Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 24. UK Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 25. UK Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 26. Germany Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 27. Germany Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 28. Germany Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 29. RoE Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 30. RoE Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 31. RoE Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 32. China Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 33. China Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 34. China Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 35. India Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 36. India Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 37. India Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 38. Japan Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028

(USD Million)

TABLE 39. Japan Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 40. Japan Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 41. RoAPAC Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 42. RoAPAC Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 43. RoAPAC Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 44. Brazil Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 45. Brazil Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 46. Brazil Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 47. Mexico Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 48. Mexico Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 49. Mexico Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 50. RoLA Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 51. RoLA Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 52. RoLA Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 53. Row Wireless Gigabit (WiGig) Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 54. Row Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 55. Row Wireless Gigabit (WiGig) Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 56. List of secondary sources, used in the study of global Wireless Gigabit (WiGig) Market

TABLE 57. List of primary sources, used in the study of global Wireless Gigabit (WiGig) Market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Wireless Gigabit (WiGig) Market, research methodology
- FIG 2. Global Wireless Gigabit (WiGig) Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Wireless Gigabit (WiGig) Market, key trends 2021
- FIG 5. Global Wireless Gigabit (WiGig) Market, growth prospects 2022-2028
- FIG 6. Global Wireless Gigabit (WiGig) Market, porters 5 force model
- FIG 7. Global Wireless Gigabit (WiGig) Market, pest analysis
- FIG 8. Global Wireless Gigabit (WiGig) Market, value chain analysis
- FIG 9. Global Wireless Gigabit (WiGig) Market by segment, 2018 & 2028 (USD Million)
- FIG 10. Global Wireless Gigabit (WiGig) Market by segment, 2018 & 2028 (USD Million)
- FIG 11. Global Wireless Gigabit (WiGig) Market by segment, 2018 & 2028 (USD Million)
- FIG 12. Global Wireless Gigabit (WiGig) Market by segment, 2018 & 2028 (USD Million)
- FIG 13. Global Wireless Gigabit (WiGig) Market by segment, 2018 & 2028 (USD Million)
- FIG 14. Global Wireless Gigabit (WiGig) Market, regional snapshot 2018 & 2028
- FIG 15. North America Wireless Gigabit (WiGig) Market 2018 & 2028 (USD Million)
- FIG 16. Europe Wireless Gigabit (WiGig) Market 2018 & 2028 (USD Million)
- FIG 17. Asia pacific Market 2018 & 2028 (USD Million)
- FIG 18. Latin America Wireless Gigabit (WiGig) Market 2018 & 2028 (USD Million)
- FIG 19. Global Wireless Gigabit (WiGig) Market, company Market share analysis (2021)

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