

Wireless Gigabit Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-06-14 | 135 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User \$2499.00
- Five User Licence \$3499.00
- Enterprisewide License \$4499.00

Report description:

Market Overview:

The global wireless gigabit market size reached US\$ 2.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.0 Billion by 2028, exhibiting a growth rate (CAGR) of 17.2% during 2023-2028.

Wireless gigabit (WiGig) refers to an internet connection that offers a speed of 1 gigabit per second (Gbps) using millimeter wave (MMW), microwave, 4G/LTE, free-space optics (FSO) and carrier Wi-Fi technologies. It promotes faster speed for Blu-ray players, home theaters and other audiovisual equipment worldwide by operating in the frequency range of 60 GHz. It relies on beamforming technology for reducing congestion of networks and transmitting radio beams with a high-frequency bandwidth. It is widely employed in networking architecture as it provides accuracy and a high level of security while transferring the data.

Wireless Gigabit Market Trends:

The growing demand for faster data transfer in information and technology (IT) and telecom sectors represents one of the major factors driving the market. Moreover, there is a rise in the utilization of consumer electronic devices, such as HD televisions, laptops, tablets, and smartphones, which is propelling the growth of the market. In addition, the increasing trend of bring your own device (BYOD) in several companies is resulting in the development of wireless endpoints that can handle high-speed data. This, in confluence with the escalating demand of gigabit IP data connectivity for long-term evolution (LTE) deployments, is contributing to the market growth. Apart from this, the rising adoption of small cell backhaul transmission to manage large volumes of data traffic and improve network coverage of both outdoor and indoor spaces is stimulating the market growth. Furthermore, extensive research and development (R&D) activities by key players and the growing popularity of cloud storage solutions are strengthening the growth of the market. Some of the other growth-inducing factors are rapid digitization, rising penetration of the internet and the increasing integration of wireless chipsets in electronic devices.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global wireless gigabit market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, technology and end use industry.

Breakup by Product:

Display Devices

Smartphones

Laptops and Tablets

Others

Network Infrastructure Devices

Routers and Access Points

Adapters

Backhaul Stations

Docking Stations

Breakup by Technology:

Wireless Gigabit Market Trends:

The growing demand for faster data transfer in information and technology (IT) and telecom sectors represents one of the major factors driving the market. Moreover, there is a rise in the utilization of consumer electronic devices, such as HD televisions, laptops, tablets, and smartphones, which is propelling the growth of the market. In addition, the increasing trend of bring your own device (BYOD) in several companies is resulting in the development of wireless endpoints that can handle high-speed data. This, in confluence with the escalating demand of gigabit IP data connectivity for long-term evolution (LTE) deployments, is contributing to the market growth. Apart from this, the rising adoption of small cell backhaul transmission to manage large volumes of data traffic and improve network coverage of both outdoor and indoor spaces is stimulating the market growth. Furthermore, extensive research and development (R&D) activities by key players and the growing popularity of cloud storage solutions are strengthening the growth of the market. Some of the other growth-inducing factors are rapid digitization, rising penetration of the internet and the increasing integration of wireless chipsets in electronic devices.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global wireless gigabit market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, technology and end use industry.

Breakup by Product:

Display Devices

Smartphones

Laptops and Tablets

Others

Network Infrastructure Devices

Routers and Access Points

Adapters

Backhaul Stations

Docking Stations

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Breakup by Technology:

Wireless Gigabit Market Trends:

The growing demand for faster data transfer in information and technology (IT) and telecom sectors represents one of the major factors driving the market. Moreover, there is a rise in the utilization of consumer electronic devices, such as HD televisions, laptops, tablets, and smartphones, which is propelling the growth of the market. In addition, the increasing trend of bring your own device (BYOD) in several companies is resulting in the development of wireless endpoints that can handle high-speed data. This, in confluence with the escalating demand of gigabit IP data connectivity for long-term evolution (LTE) deployments, is contributing to the market growth. Apart from this, the rising adoption of small cell backhaul transmission to manage large volumes of data traffic and improve network coverage of both outdoor and indoor spaces is stimulating the market growth. Furthermore, extensive research and development (R&D) activities by key players and the growing popularity of cloud storage solutions are strengthening the growth of the market. Some of the other growth-inducing factors are rapid digitization, rising penetration of the internet and the increasing integration of wireless chipsets in electronic devices.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global wireless gigabit market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, technology and end use industry.

Breakup by Product:

Display Devices

Smartphones

Laptops and Tablets

Others

Network Infrastructure Devices

Routers and Access Points

Adapters

Backhaul Stations

Docking Stations

Breakup by Technology:

Key Questions Answered in This Report

1. What was the size of the global wireless gigabit market in 2022?
2. What is the expected growth rate of the global wireless gigabit market during 2023-2028?
3. What are the key factors driving the global wireless gigabit market?
4. What has been the impact of COVID-19 on the global wireless gigabit market?
5. What is the breakup of the global wireless gigabit market based on the end-use industry?
6. What are the key regions in the global wireless gigabit market?
7. Who are the key players/companies in the global wireless gigabit market?

Table of Contents:

- 1 Preface
- 2 Scope and Methodology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
 - 4.1 Overview
 - 4.2 Key Industry Trends
- 5 Global Wireless Gigabit Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Product
 - 6.1 Display Devices
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Smartphones
 - 6.1.2.2 Laptops and Tablets
 - 6.1.2.3 Others
 - 6.1.3 Market Forecast
 - 6.2 Network Infrastructure Devices
 - 6.2.1 Market Trends
 - 6.2.2 Key Segments
 - 6.2.2.1 Routers and Access Points
 - 6.2.2.2 Adapters
 - 6.2.2.3 Backhaul Stations
 - 6.2.2.4 Docking Stations
 - 6.2.3 Market Forecast
- 7 Market Breakup by Technology
 - 7.1 System on Chip (SoC)
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 Integrated Circuit Chip (IC Chip)
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 8 Market Breakup by End Use Industry
 - 8.1 BFSI
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
 - 8.2 Healthcare
 - 8.2.1 Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.2.2 Market Forecast
- 8.3 IT and Telecom
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Retail
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Media and Entertainment
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Others
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast
- 9 Market Breakup by Region
 - 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
 - 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
 - 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast
- 10 SWOT Analysis
 - 10.1 Overview
 - 10.2 Strengths
 - 10.3 Weaknesses
 - 10.4 Opportunities
 - 10.5 Threats
- 11 Value Chain Analysis
- 12 Porters Five Forces Analysis
 - 12.1 Overview
 - 12.2 Bargaining Power of Buyers
 - 12.3 Bargaining Power of Suppliers
 - 12.4 Degree of Competition
 - 12.5 Threat of New Entrants
 - 12.6 Threat of Substitutes
- 13 Price Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14 Competitive Landscape
 - 14.1 Market Structure
 - 14.2 Key Players
 - 14.3 Profiles of Key Players
 - 14.3.1 Broadcom Inc
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Cisco Systems Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Intel Corporation
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Marvell Technology Inc.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 MediaTek Inc.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Millitronic
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.7 NXP Semiconductors N.V.
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
 - 14.3.8 Panasonic Corporation
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
 - 14.3.9 Peraso Technologies Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.10 Qualcomm Technologies Inc.
 - 14.3.10.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.3.10.2 Product Portfolio
- 14.3.10.3 Financials
- 14.3.10.4 SWOT Analysis
- 14.3.11 Samsung Electronics Co. Ltd.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis
- 14.3.12 Sivers Semiconductors AB
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials

Wireless Gigabit Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-06-14 | 135 pages | IMARC Group

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Electronic (PDF) Single User	\$2499.00
	Five User Licence	\$3499.00
	Enterprisewide License	\$4499.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-05"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com