

# **WiGig Market Report by Product (Networking Devices, Consumer Electronics), Protocol (802.11ac, 802.11ad), Technology Type (System-on-Chip (SoC), Integrated Circuit Chip (IC)), Enterprise Size (Small and Medium-sized Enterprises, Large Enterprises), End Use Industry (BFSI, Healthcare, IT and Telecom, Retail, Media and Entertainment, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/WA9D62D06130EN.html>

Date: March 2024

Pages: 141

Price: US\$ 3,899.00 (Single User License)

ID: WA9D62D06130EN

## **Abstracts**

The global WiGig market size reached US\$ 3.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 12.0 Billion by 2032, exhibiting a growth rate (CAGR) of 15.36% during 2024-2032.

WiGig refers to a wireless technology used in a wide range of devices, such as handheld equipment and consumer electronics, for short-range, high-speed transmission. It offers the benefits of expanded capacity and focused communication between devices to reduce interference in crowded environments. Moreover, it allows Wi-Fi devices to access the uncongested frequency band with wide channels and transmit data efficiently at a multi-gigabit (GB) per second speed. As a result, it is currently being used in gaming, multimedia streaming, personal computer (PC) docking, general-purpose networking, file transferring, and enterprise applications requiring high speed, data-intensive connections worldwide.

WiGig Market Trends:

Public Wi-Fi helps achieve various smart city objectives, which include bridging the digital divide, enabling internet of things (IoT) based city services, and providing

amenities for residents, students, visitors, and tourists. This, in confluence with rising investments in smart city developments by governing agencies of numerous countries, represents one of the key factors impelling the market growth. Apart from this, WiGig devices are utilized in different businesses for enabling employees to complete work from a multitude of devices without the hassle of a wired connection. They are also utilized for efficient in-office networking, transferring large files, running bandwidth-heavy applications seamlessly, and projecting graphics and audio to a large screen in a conference room or auditorium with very low latency. Furthermore, WiGig products find usage in convenient public kiosk services and wireless docking between devices like smartphones, laptops, projectors, and tablets. They are also widely being adopted for fast download of high definition (HD) movies, simultaneous streaming of multiple, ultra-HD videos, and immersive gaming, augmented reality (AR), and virtual reality (VR) experiences. This, coupled with increasing consumer spending on digital media, is contributing to the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global WiGig market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, protocol, technology type, enterprise size and end use industry.

#### Breakup by Product:

- Networking Devices
- Consumer Electronics

#### Breakup by Protocol:

- 802.11ac
- 802.11ad

#### Breakup by Technology Type:

- System-on-Chip (SoC)
- Integrated Circuit Chip (IC)

#### Breakup by Enterprise Size:

- Small and Medium-sized Enterprises

## Large Enterprises

### Breakup by End Use Industry:

BFSI

Healthcare

IT and Telecom

Retail

Media and Entertainment

Others

### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the

profiles of the key players being Blu Wireless, Broadcom Inc., Cisco Systems Inc., Intel Corporation, Marvell Technology Inc., NXP Semiconductors N.V., Panasonic Corporation, Peraso Technologies Inc., Qualcomm Technologies Inc., Samsung Electronics Co. Ltd., Siverts Semiconductors AB and Tensorcom Inc.

### Key Questions Answered in This Report

1. What was the size of the global WiGig market in 2023?
2. What is the expected growth rate of the global WiGig market during 2024-2032?
3. What are the key factors driving the global WiGig market?
4. What has been the impact of COVID-19 on the global WiGig market?
5. What is the breakup of the global WiGig market based on the product?
6. What is the breakup of the global WiGig market based on the protocol?
7. What is the breakup of the global WiGig market based on the enterprise size?
8. What is the breakup of the global WiGig market based on the end use industry?
9. What are the key regions in the global WiGig market?
10. Who are the key players/companies in the global WiGig market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 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 WIGIG 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 Networking Devices
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Consumer Electronics
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast

## **7 MARKET BREAKUP BY PROTOCOL**

### 7.1 802.11ac

7.1.1 Market Trends

7.1.2 Market Forecast

### 7.2 802.11ad

7.2.1 Market Trends

7.2.2 Market Forecast

## **8 MARKET BREAKUP BY TECHNOLOGY TYPE**

### 8.1 System-on-Chip (SoC)

8.1.1 Market Trends

8.1.2 Market Forecast

### 8.2 Integrated Circuit Chip (IC)

8.2.1 Market Trends

8.2.2 Market Forecast

## **9 MARKET BREAKUP BY ENTERPRISE SIZE**

### 9.1 Small and Medium-sized Enterprises

9.1.1 Market Trends

9.1.2 Market Forecast

### 9.2 Large Enterprises

9.2.1 Market Trends

9.2.2 Market Forecast

## **10 MARKET BREAKUP BY END USE INDUSTRY**

### 10.1 BFSI

10.1.1 Market Trends

10.1.2 Market Forecast

### 10.2 Healthcare

10.2.1 Market Trends

10.2.2 Market Forecast

### 10.3 IT and Telecom

10.3.1 Market Trends

10.3.2 Market Forecast

### 10.4 Retail

- 10.4.1 Market Trends
- 10.4.2 Market Forecast
- 10.5 Media and Entertainment
  - 10.5.1 Market Trends
  - 10.5.2 Market Forecast
- 10.6 Others
  - 10.6.1 Market Trends
  - 10.6.2 Market Forecast

## **11 MARKET BREAKUP BY REGION**

- 11.1 North America
  - 11.1.1 United States
    - 11.1.1.1 Market Trends
    - 11.1.1.2 Market Forecast
  - 11.1.2 Canada
    - 11.1.2.1 Market Trends
    - 11.1.2.2 Market Forecast
- 11.2 Asia-Pacific
  - 11.2.1 China
    - 11.2.1.1 Market Trends
    - 11.2.1.2 Market Forecast
  - 11.2.2 Japan
    - 11.2.2.1 Market Trends
    - 11.2.2.2 Market Forecast
  - 11.2.3 India
    - 11.2.3.1 Market Trends
    - 11.2.3.2 Market Forecast
  - 11.2.4 South Korea
    - 11.2.4.1 Market Trends
    - 11.2.4.2 Market Forecast
  - 11.2.5 Australia
    - 11.2.5.1 Market Trends
    - 11.2.5.2 Market Forecast
  - 11.2.6 Indonesia
    - 11.2.6.1 Market Trends
    - 11.2.6.2 Market Forecast
  - 11.2.7 Others
    - 11.2.7.1 Market Trends

- 11.2.7.2 Market Forecast
- 11.3 Europe
  - 11.3.1 Germany
    - 11.3.1.1 Market Trends
    - 11.3.1.2 Market Forecast
  - 11.3.2 France
    - 11.3.2.1 Market Trends
    - 11.3.2.2 Market Forecast
  - 11.3.3 United Kingdom
    - 11.3.3.1 Market Trends
    - 11.3.3.2 Market Forecast
  - 11.3.4 Italy
    - 11.3.4.1 Market Trends
    - 11.3.4.2 Market Forecast
  - 11.3.5 Spain
    - 11.3.5.1 Market Trends
    - 11.3.5.2 Market Forecast
  - 11.3.6 Russia
    - 11.3.6.1 Market Trends
    - 11.3.6.2 Market Forecast
  - 11.3.7 Others
    - 11.3.7.1 Market Trends
    - 11.3.7.2 Market Forecast
- 11.4 Latin America
  - 11.4.1 Brazil
    - 11.4.1.1 Market Trends
    - 11.4.1.2 Market Forecast
  - 11.4.2 Mexico
    - 11.4.2.1 Market Trends
    - 11.4.2.2 Market Forecast
  - 11.4.3 Others
    - 11.4.3.1 Market Trends
    - 11.4.3.2 Market Forecast
- 11.5 Middle East and Africa
  - 11.5.1 Market Trends
  - 11.5.2 Market Breakup by Country
  - 11.5.3 Market Forecast

## **12 SWOT ANALYSIS**



- 12.1 Overview
- 12.2 Strengths
- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats

## **13 VALUE CHAIN ANALYSIS**

## **14 PORTERS FIVE FORCES ANALYSIS**

- 14.1 Overview
- 14.2 Bargaining Power of Buyers
- 14.3 Bargaining Power of Suppliers
- 14.4 Degree of Competition
- 14.5 Threat of New Entrants
- 14.6 Threat of Substitutes

## **15 PRICE ANALYSIS**

## **16 COMPETITIVE LANDSCAPE**

- 16.1 Market Structure
- 16.2 Key Players
- 16.3 Profiles of Key Players
  - 16.3.1 Blu Wireless
    - 16.3.1.1 Company Overview
    - 16.3.1.2 Product Portfolio
  - 16.3.2 Broadcom Inc.
    - 16.3.2.1 Company Overview
    - 16.3.2.2 Product Portfolio
    - 16.3.2.3 Financials
    - 16.3.2.4 SWOT Analysis
  - 16.3.3 Cisco Systems Inc.
    - 16.3.3.1 Company Overview
    - 16.3.3.2 Product Portfolio
    - 16.3.3.3 Financials
    - 16.3.3.4 SWOT Analysis
  - 16.3.4 Intel Corporation

- 16.3.4.1 Company Overview
- 16.3.4.2 Product Portfolio
- 16.3.4.3 Financials
- 16.3.4.4 SWOT Analysis
- 16.3.5 Marvell Technology Inc.
  - 16.3.5.1 Company Overview
  - 16.3.5.2 Product Portfolio
- 16.3.6 NXP Semiconductors N.V.
  - 16.3.6.1 Company Overview
  - 16.3.6.2 Product Portfolio
  - 16.3.6.3 Financials
  - 16.3.6.4 SWOT Analysis
- 16.3.7 Panasonic Corporation
  - 16.3.7.1 Company Overview
  - 16.3.7.2 Product Portfolio
  - 16.3.7.3 Financials
  - 16.3.7.4 SWOT Analysis
- 16.3.8 Peraso Technologies Inc.
  - 16.3.8.1 Company Overview
  - 16.3.8.2 Product Portfolio
- 16.3.9 Qualcomm Technologies Inc.
  - 16.3.9.1 Company Overview
  - 16.3.9.2 Product Portfolio
  - 16.3.9.3 Financials
  - 16.3.9.4 SWOT Analysis
- 16.3.10 Samsung Electronics Co. Ltd.
  - 16.3.10.1 Company Overview
  - 16.3.10.2 Product Portfolio
  - 16.3.10.3 Financials
  - 16.3.10.4 SWOT Analysis
- 16.3.11 Siivers Semiconductors AB
  - 16.3.11.1 Company Overview
  - 16.3.11.2 Product Portfolio
  - 16.3.11.3 Financials
- 16.3.12 Tensorcom Inc.
  - 16.3.12.1 Company Overview
  - 16.3.12.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: WiGig Market: Key Industry Highlights, 2023 & 2032

Table 2: Global: WiGig Market Forecast: Breakup by Product (in Million US\$), 2024-2032

Table 3: Global: WiGig Market Forecast: Breakup by Protocol (in Million US\$), 2024-2032

Table 4: Global: WiGig Market Forecast: Breakup by Technology Type (in Million US\$), 2024-2032

Table 5: Global: WiGig Market Forecast: Breakup by Enterprise Size (in Million US\$), 2024-2032

Table 6: Global: WiGig Market Forecast: Breakup by End Use Industry (in Million US\$), 2024-2032

Table 7: Global: WiGig Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 8: Global: WiGig Market: Competitive Structure

Table 9: Global: WiGig Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: WiGig Market: Major Drivers and Challenges

Figure 2: Global: WiGig Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: WiGig Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: WiGig Market: Breakup by Product (in %), 2023

Figure 5: Global: WiGig Market: Breakup by Protocol (in %), 2023

Figure 6: Global: WiGig Market: Breakup by Technology Type (in %), 2023

Figure 7: Global: WiGig Market: Breakup by Enterprise Size (in %), 2023

Figure 8: Global: WiGig Market: Breakup by End Use Industry (in %), 2023

Figure 9: Global: WiGig Market: Breakup by Region (in %), 2023

Figure 10: Global: WiGig (Networking Devices) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: WiGig (Networking Devices) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: WiGig (Consumer Electronics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: WiGig (Consumer Electronics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: WiGig (802.11ac) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: WiGig (802.11ac) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: WiGig (802.11ad) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: WiGig (802.11ad) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: WiGig (System-on-Chip) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: WiGig (System-on-Chip) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: WiGig (Integrated Circuit Chip) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: WiGig (Integrated Circuit Chip) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: WiGig (Small and Medium-sized Enterprises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: WiGig (Small and Medium-sized Enterprises) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: WiGig (Large Enterprises) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: WiGig (Large Enterprises) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: WiGig (BFSI) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: WiGig (BFSI) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: WiGig (Healthcare) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: WiGig (Healthcare) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: WiGig (IT and Telecom) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: WiGig (IT and Telecom) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: WiGig (Retail) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: WiGig (Retail) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Global: WiGig (Media and Entertainment) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Global: WiGig (Media and Entertainment) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Global: WiGig (Other End Use Industries) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Global: WiGig (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: North America: WiGig Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: North America: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: United States: WiGig Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: United States: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Canada: WiGig Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Canada: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Asia-Pacific: WiGig Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Asia-Pacific: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: China: WiGig Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: China: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

- Figure 48: Japan: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 49: Japan: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 50: India: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 51: India: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 52: South Korea: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 53: South Korea: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 54: Australia: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 55: Australia: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 56: Indonesia: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 57: Indonesia: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 58: Others: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 59: Others: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 60: Europe: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 61: Europe: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 62: Germany: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 63: Germany: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 64: France: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 65: France: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 66: United Kingdom: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 67: United Kingdom: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 68: Italy: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 69: Italy: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 70: Spain: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 71: Spain: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 72: Russia: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 73: Russia: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 74: Others: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 75: Others: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 76: Latin America: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 77: Latin America: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 78: Brazil: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 79: Brazil: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 80: Mexico: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 81: Mexico: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 82: Others: WiGig Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 83: Others: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 84: Middle East and Africa: WiGig Market: Sales Value (in Million US\$), 2018 & 2023

Figure 85: Middle East and Africa: WiGig Market: Breakup by Country (in %), 2023

Figure 86: Middle East and Africa: WiGig Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 87: Global: WiGig Industry: SWOT Analysis

Figure 88: Global: WiGig Industry: Value Chain Analysis

Figure 89: Global: WiGig Industry: Porter's Five Forces Analysis

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