Wireless Gigabit Market by Product (Display Devices & Network Infrastructure Devices), by Technology (System-on-Chip (SoC) & Integrated Circuit Chips (IC)), by Application and by Geography - Global Forecasts to 2022

Description:
The wireless gigabit market is estimated to grow from USD 0.30 billion in 2015 to USD 2.73 billion by 2022, at a CAGR of 32.9% between 2016 and 2022. This market is driven by factors such as the rising growth of handheld devices such as smartphones, laptops, & tablets and the need for faster data sharing/transfer among those devices.

“Display device-based wireless gigabit products to gain maximum traction during the forecast period”
The display devices product segment is likely to hold the largest market share during the forecast period. In addition, due to the rise in demand for products such as televisions, laptops & tablets, and smartphones, the market is expected to gain traction and grow at the highest CAGR in the next seven years. The wireless gigabit market is also estimated to witness growth in the consumer application, accounting for the largest market share during the forecast period.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with key people in the market. Breakup of the profile of primary participants is given below.
- By Company Type: Tier 1 – 45%, Tier 2 – 22%, and Tier 3 – 33%
- By Designation: C-Level Executives – 55%, Directors– 15%, and Others – 30%
- By Region: North America – 50%, Europe – 30%, APAC – 15%, and RoW – 5%
The key WiGig vendors profiled in the report are as follows:
1. Qualcomm Atheros
2. Intel Corporation
3. Cisco Systems Co., Ltd.
4. Samsung Electronics Co., Ltd.
5. Broadcom Corporation
6. Panasonic Corporation
7. NEC Corporation
8. NVIDIA
9. Marvell Technology Group Ltd.
10. MediaTek

The report will help the market leaders/new entrants in the wireless gigabit market in the following ways:
1. This report segments the wireless gigabit market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across different verticals and regions.
2. The report would help stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.
3. This report would help stakeholders to better understand their competitors and gain more insights to better their position in the business. The competitive landscape section includes competitor ecosystem, newproduct developments, partnerships, and mergers & acquisitions.

Contents:
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.2.1 Years Considered for the Study
1.3 Currency
1.4 Limitations
1.5 Stakeholders
2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown of Primary Interviews
2.2 Market Size Estimation
2.3 Market Breakdown and Data Triangulation
2.4 Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Opportunities in the Wireless Gigabit Market
4.2 Wireless Gigabit Market, By Technology
4.3 Wireless Gigabit Market, By Application
4.4 Wireless Gigabit Market, By Product
4.5 Wireless Gigabit Market - By Product and Geography

5 Market Overview
5.1 Introduction
5.2 Evolution: Wireless Gigabit Market
5.3 Market Segmentation
5.3.1 Wireless Gigabit Market, By Product
5.3.2 Wireless Gigabit Market, By Technology
5.3.3 Wireless Gigabit Market, By Application
5.3.4 Wireless Gigabit Market, By Geography
5.4 Market Dynamics
5.4.1 Drivers
5.4.1.1 Constant Technological Innovations and Advancements
5.4.1.2 Rising Need for Faster Data Transfer
5.4.1.3 Launch of New Spectrums (Frequency Bands) And Increasing Penetration Into Emerging Economies
5.4.1.4 Explosive Growth in Handheld & Portable Consumer Electronics
5.4.2 Restraints
5.4.2.1 Increasing Manufacturing Cost With Development of Complex Embedded WiGig Chipsets
5.4.2.2 Short Operating Range of WiGig Products
5.4.3 Opportunities
5.4.3.1 Rapid Growth of Next-Generation Computing Devices
5.4.4 Challenges
5.4.4.1 High Frequency of Internal Substitution

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter's Five Forces Analysis
6.3.1 Threat of New Entrants
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Suppliers
6.3.4 Bargaining Power of Buyers
6.3.5 Intensity of Competitive Rivalry

7 Wireless Gigabit Market, By Product
7.1 Introduction
7.1.1 Display Devices
7.1.1.1 Smartphones
7.1.1.2 Laptops & Tablets
7.1.1.3 Televisions
7.1.1.4 Projectors
7.1.1.5 Digital Cameras
7.1.1.6 Other Display Devices
7.1.2 Network Infrastructure Devices
7.1.2.1 Adapters
7.1.2.2 Routers
7.1.2.3 Backhaul Stations
7.1.2.4 Others

8 Wireless Gigabit Market, By Technology
8.1 Introduction
8.2 System on Chip (SOC)
8.2.1 Smartphone WiGig SOCs
8.2.2 Adapter WiGig SOCs
8.2.3 Backhaul Station WiGig SOCs
8.2.4 Tablet SOCs
8.2.5 Other SOCs
8.3 Integrated Circuit Chip (IC Chip)
8.3.1 PC & Laptop ICs
8.3.2 Television ICs
8.3.3 Other ICs

9 Wireless Gigabit Market, By Application (Page No. - 100)
9.1 Introduction
9.1.1 Consumer Electronics
9.1.2 Networking
9.1.3 Commercial

10 Geographic Analysis
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.2 Canada
10.2.3 Mexico
10.3 Europe
10.3.1 U.K.
10.3.2 Germany
10.3.3 France
10.3.4 Rest of Europe
10.4 Asia-Pacific
10.4.1 China
10.4.2 Japan
10.4.3 South Korea
10.4.4 Rest of APAC
10.5 Rest of the World (RoW)
10.5.1 Middle East and Africa
10.5.2 South America

11 Competitive Landscape
11.1 Overview
11.2 Market Ranking Analysis
11.3 Competitive Situation and Trends
11.3.1 New Product Launches
11.3.2 Collaborations, Partnerships, & Contracts, 2015-2016
11.3.3 Mergers & Acquisitions, 2015-2016

12 Company Profiles
(Overview, Products and Services, Financials, Strategy & Development)*
12.1 Introduction
12.2 Qualcomm Atheros
12.3 Intel Corporation
12.4 Broadcom Corporation
12.5 Marvell Technology Group Ltd.
12.6 Panasonic Corporation
12.7 Cisco Systems, Inc.
12.8 NEC Corporation
12.9 Azurewave Technologies, Inc.
12.10 Nvidia Corporation
12.11 Mediatek

*Details on Overview, Products and Services, Financials, Strategy & Development Might Not Be Captured in Case of Unlisted Companies.
13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide
13.3 Knowledge Store: Marketsandmarkets’ Subscription Portal
13.4 Introducing RT: Real-Time Market Intelligence
13.5 Available Customizations
13.6 Related Reports

List of Tables

Table 1 Drivers
Table 2 Restraints
Table 3 Opportunities
Table 4 Challenges
Table 5 The Porter’s Five Forces Analysis: Intensity of Competitive Rivalry Likely to Have the Highest Impact on the Overall Market in 2015
Table 6 Wireless Gigabit Market, By Product, 2014-2022 (USD Million)
Table 7 Wireless Gigabit Market, By Product, 2014-2022 (Million Units)
Table 8 Wireless Gigabit Market for Display Devices, By Product, 2014-2022 (USD Million)
Table 9 Wireless Gigabit Market for Display Devices, By Product, 2014-2022 (Million Units)
Table 10 Wireless Gigabit Market for Smartphones, By Region, 2014-2022 (USD Million)
Table 11 Wireless Gigabit Market for Smartphones in North America, By Country, 2014-2022 (USD Million)
Table 12 Wireless Gigabit Market for Smartphones in Europe, By Country, 2014-2022 (USD Million)
Table 13 Wireless Gigabit Market for Smartphones in APAC, By Country, 2014-2022 (USD Million)
Table 14 Wireless Gigabit Market for Smartphones in RoW, By Region, 2014-2022 (USD Million)
Table 15 Wireless Gigabit Market for Laptops & Tablets, By Region, 2014-2022 (USD Million)
Table 16 Wireless Gigabit Market for Laptops & Tablets in North America, By Country, 2014-2022 (USD Million)
Table 17 Wireless Gigabit Market for Laptops & Tablets in Europe, By Country, 2014-2022 (USD Million)
Table 18 Wireless Gigabit Market for Laptops & Tablets in APAC, By Country, 2014-2022 (USD Million)
Table 19 Wireless Gigabit Market for Laptops & Tablets in RoW, By Region, 2014-2022 (USD Million)
Table 20 Wireless Gigabit Market for Televisions, By Region, 2014-2022 (USD Million)
Table 21 Wireless Gigabit Market for Televisions in North America, By Country, 2014-2022 (USD Million)
Table 22 Wireless Gigabit Market for Televisions in Europe, By Country, 2014-2022 (USD Million)
Table 23 Wireless Gigabit Market for Televisions in APAC, By Country, 2014-2022 (USD Million)
Table 24 Wireless Gigabit Market for Televisions in RoW, By Region, 2014-2022 (USD Thousand)
Table 25 Wireless Gigabit Market for Projectors, By Region, 2014-2022 (USD Million)
Table 26 Wireless Gigabit Market for Projectors in North America, By Country, 2014-2022 (USD Million)
Table 27 Wireless Gigabit Market for Projectors in Europe, By Country, 2014-2022 (USD Thousand)
Table 28 Wireless Gigabit Market for Projectors in APAC, By Country, 2014-2022 (USD Thousand)
Table 29 Wireless Gigabit Market for Projectors in RoW, By Region, 2014-2022 (USD Thousand)
Table 30 Wireless Gigabit Market for Digital Cameras, By Region, 2014-2022 (USD Million)
Table 33 Wireless Gigabit Market for Digital Cameras in APAC, By Country, 2014-2022 (USD Million)
Table 34 Wireless Gigabit Market for Digital Cameras in RoW, By Region, 2014-2022 (USD Thousand)
Table 35 Wireless Gigabit Market for Other Display Devices, By Region, 2014-2022 (USD Million)
Table 36 Wireless Gigabit Market for Other Display Devices in North America, By Country, 2014-2022 (USD Million)
Table 37 Wireless Gigabit Market for Other Display Devices in Europe, By Country, 2014-2022 (USD Million)
Table 38 Wireless Gigabit Market for Other Display Devices in APAC, By Country, 2014-2022 (USD Million)
Table 39 Wireless Gigabit Market for Other Display Devices, By Region, 2014-2022 (USD Thousand)
Table 40 Wireless Gigabit Market for Network Infrastructure Devices, By Product, 2014-2022 (USD Million)
Table 41 Wireless Gigabit Market for Network Infrastructure Devices, By Product, 2014-2022 (Million Units)
Table 42 Wireless Gigabit Market for Adapters, By Region, 2014-2022 (USD Million)
Table 43 Wireless Gigabit Market for Adapters in North America, By Country, 2014-2022 (USD Million)
Table 44 Wireless Gigabit Market for Adapters in Europe, By Country, 2014-2022 (USD Million)
Table 45 Wireless Gigabit Market for Adapters in APAC, By Country, 2014-2022 (USD Million)
Table 46 Wireless Gigabit Market for Adapters in RoW, By Region, 2014-2022 (USD Million)
Table 47 Wireless Gigabit Market for Routers, By Region, 2014-2022 (USD Million)
Table 48 Wireless Gigabit Market for Routers in North America, By Country, 2014-2022 (USD Million)
Table 49 Wireless Gigabit Market for Routers in Europe, By Country, 2014-2022 (USD Million)
Table 50 Wireless Gigabit Market for Routers in APAC, By Country, 2014-2022 (USD Million)
Table 51 Wireless Gigabit Market for Routers in RoW, By Region, 2014-2022 (USD Thousand)
Table 52 Wireless Gigabit Market for Backhaul Stations, By Region, 2014-2022 (USD Million)
Table 53 Wireless Gigabit Market for Backhaul Stations in North America, By Country, 2014-2022 (USD Million)
Table 54 Wireless Gigabit Market for Backhaul Stations in Europe, By Country, 2014-2022 (USD Million)
Table 55 Wireless Gigabit Market for Backhaul Stations in APAC, By Country, 2014-2022 (USD Million)
Table 56 Wireless Gigabit Market for Backhaul Stations in RoW, By Region, 2014-2022 (USD Million)
Table 57 Wireless Gigabit Market for Other Network Infrastructure Devices, By Region, 2014-2022 (USD Million)
Table 58 Wireless Gigabit Market for Other Network Infrastructure Devices in North America, By Country, 2014-2022 (USD Million)
Table 59 Wireless Gigabit Market for Other Network Infrastructure Devices in Europe, By Country, 2014-2022 (USD Million)
Table 60 Wireless Gigabit Market for Other Newtwork Infrastructure Devices in APAC, By Country, 2014-2022 (USD Million)
Table 61 Wireless Gigabit Market for Other Network Infrastructure Devices in RoW, By Region, 2014-2022 (USD Million)
Table 62 Wireless Gigabit Market, By Technology, 2014-2022 (USD Million)
Table 63 Wireless Gigabit Market for System on Chip Technology, By Product, 2014-2022 (USD Million)
Table 64 Wireless Gigabit Market for Integrated Circuit Chip, By Product, 2014-2022 (USD Million)
Table 65 Wireless Gigabit Market, By Application, 2014-2022 (USD Million)
Table 66 Wireless Gigabit Market, By Region, 2014-2022 (USD Million)
Table 67 Wireless Gigabit Market in North America, By Country, 2014-2022 (USD Million)
Table 68 Wireless Gigabit Market in Europe, By Country, 2014-2022 (USD Million)
Table 69 Wireless Gigabit Market in APAC, By Country, 2014-2022 (USD Million)
Table 70 Wireless Gigabit Market in RoW, By Region, 2014-2022 (USD Million)
Table 71 New Product Launches, 2014-2016
Table 72 Collaborations, Partnerships, & Contracts, 2015-2016
Table 73 Mergers/Acquisitions, 2015-2016

List of Figures

Figure 1 Wireless Gigabit Market Segmentation
Figure 2 Wireless Gigabit Market: Research Design
Figure 3 Research Methodology
Figure 4 Bottom-Up Approach
Figure 5 Top-Down Approach
Figure 6 Data Triangulation
Figure 7 Wireless Gigabit Market Size: Value (USD Million) vs Volume (Million Units) 2014-2022
Figure 8 System on Chip (SOC) WiGig Technology vs Integrated Circuit (IC) Technology Analysis, 2015
Figure 9 Network Infrastructure Devices Expected to Grow at the Highest CAGR During the Forecast Period
Figure 10 Region-Wise Market Size of Top WiGig Products in 2015
Figure 11 Global Wireless Gigabit Market Share and Growth Rate in 2015
Figure 12 The Wireless Gigabit Market Expected to Have Huge Growth Opportunities Between 2016 and 2022
Figure 13 System on Chip Technology Expected to Hold the Largest Share of the Global Wireless Gigabit Market During the Forecast Period
Figure 14 Consumer Electronics Expected to Dominate the WiGig Market During the Forecast Period
Figure 15 Display Devices Held the Largest Share of the Global Wireless Gigabit Market Based on Products in 2015
Figure 16 APAC Held the Largest Share of the Global Wireless Gigabit Market in 2015
Figure 17 Evolution of Wireless Gigabit Technology
Figure 18 Rising Need for Faster Data Transfer Driving the Growth of the Wireless Gigabit Market
Figure 19 Value Chain Analysis: Major Value is Added During the Hardware Integration and Assembly Stages
Figure 20 Wireless Gigabit: Porter's Five Forces Analysis, 2015
Figure 21 Porters Five Force Analysis of the Wireless Gigabit Market
Figure 22 The Impact of Threat of New Entrants is Low Due to High Capital Requirement
Figure 23 The Impact of Threat of New Substitutes is Medium Majorly Because of the Existence of Technological Alternatives
Figure 24 The Impact of Bargaining Power of Suppliers is High Due the Brand Value of Product Manufacturers and Suppliers
Figure 25: The Impact of Bargaining Power of Buyers is Low Since the Supplier to Buyer Ratio is Low.

Figure 26: The Impact of the Intensity of Competitive Rivalry is High Due to Several Product Launches.

Figure 27: Global Wireless Gigabit Market, By Product.

Figure 28: Display Devices Expected to Lead the Global Wireless Gigabit Market Based on Products During the Forecast Period.

Figure 29: Wireless Gigabit Market Size in Terms of Volume for Display Devices vs Network Infrastructure Devices, 2022.

Figure 30: Smartphones Held the Largest Share of the Global Wireless Gigabit Market for the Display Devices Segment in 2015.

Figure 31: Asia-Pacific Held the Largest Size of the Global Wireless Gigabit Market for the Smartphones Segment in 2015.

Figure 32: Asia-Pacific Held the Largest Size of the Global Wireless Gigabit Market for Laptops & Tablets in 2015.

Figure 33: The WiGig Market for Televisions in RoW Expected to Grow at the Highest Rate During the Forecast Period.

Figure 34: North America Expected to Dominate the Global Wireless Gigabit Market for Projectors During the Forecast Period.

Figure 35: APAC Expected to Dominate the Wireless Gigabit Market for Digital Cameras During the Forecast Period.

Figure 36: North America Expected to Hold the Largest Size of the WiGig Market for Other Display Devices During the Forecast Period.

Figure 37: Wireless Gigabit Market Size in Terms of Volume and Volume for Network Infrastructure Devices in 2015.

Figure 38: APAC Expected to Hold the Largest Size of Global Wireless Gigabit Market for Adapters During the Forecast Period.

Figure 39: North America Expected to Lead the Global Wireless Gigabit Market for Backhaul Stations During the Forecast Period.

Figure 40: Wireless Gigabit Market, By Technology.

Figure 41: System on Chip Technology Expected to Dominate the Global WiGig Market During the Forecast Period.

Figure 42: WiGig Market for SOC-Enabled Smartphones Expected to Grow at the Highest Rate During the Forecast Period.

Figure 43: PC & Laptop ICs Expected to Grow at the Highest Rate in the Wireless Gigabit Market for IC Chip Technology Between 2016 and 2022.

Figure 44: Global Wireless Gigabit Market, By Application.

Figure 45: Wireless Gigabit Market, By Geography.

Figure 46: The South Korean WiGig Market Expected to Grow at the Highest Rate Between 2016 and 2022.

Figure 47: APAC Expected to Lead the Global Wireless Gigabit Market, 2014-2022 (USD Million).

Figure 48: Snapshot of the North American Wireless Gigabit Market: Growth Due to the Presence of Numerous WiGig Manufacturers in the U.S.

Figure 49: Snapshot of the European Wireless Gigabit Market: Acceptance of WiGig as an Evolution to the Existing Technologies.

Figure 50: Snapshot of the Wireless Gigabit Market in APAC: High Demand Because of the Majority of WiGig Manufacturers Located in the Region.

Figure 51: Wireless Gigabit Market in RoW.

Figure 52: Companies Adopted New Product Launches as the Key Growth Strategy Between 2014 and 2016.

Figure 53: Market Ranking Analysis in the Global Wireless Gigabit Market, 2015.

Figure 54: Market Evolution Framework - New Product Launches Fueled Growth and Innovation in the Wireless Gigabit Market Between 2014 and 2016.

Figure 55: Battle for Market Share: New Product Launches Was the Key Growth Strategy, 2014-2016.

Figure 56: Geographic Revenue Mix of Market Players, 2015.

Figure 57: Qualcomm Atheros: Company Snapshot.

Figure 58: Qualcomm Atheros: SWOT Analysis.

Figure 59: Intel Corporation: Company Snapshot.

Figure 60: Intel Corporation: SWOT Analysis.

Figure 61: Broadcom Corporation: Company Snapshot.

Figure 62: Broadcom Corp.: SWOT Analysis.

Figure 63: Marvell Technology Group Ltd.: Company Snapshot.

Figure 64: Marvell Technology Group Ltd.: SWOT Analysis.

Figure 65: Panasonic Corp.: Company Snapshot.

Figure 66: Panasonic Corporation: SWOT Analysis.

Figure 67: Cisco Systems, Inc.: Company Snapshot.

Figure 68: NEC Corporation: Company Snapshot.
Figure 69 Azurewave Technologies, Inc.: Company Snapshot
Figure 70 Nvidia Corporation: Company Snapshot
Figure 71 Mediatek: Company Snapshot

Ordering:

Order Online - http://www.researchandmarkets.com/reports/3736764/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Wireless Gigabit Market by Product (Display Devices & Network Infrastructure Devices), by Technology (System-on-Chip (SoC) & Integrated Circuit Chips (IC)), by Application and by Geography - Global Forecasts to 2022
Web Address: http://www.researchandmarkets.com/reports/3736764/
Office Code: SCPLH4C2

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Single User</td>
<td>USD 6650</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Site License</td>
<td>USD 10000</td>
</tr>
<tr>
<td>Enterprisewide</td>
<td></td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information
Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World