

5G Chipset Market: Trends, Opportunities and Competitive Analysis [2023-2028]

<https://marketpublishers.com/r/500136B5C320EN.html>

Date: August 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: 500136B5C320EN

Abstracts

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5G Chipset Market Trends and Forecast

The future of the global 5G chipset market looks promising with opportunities in the manufacturing, energy & utility, media & entertainment, IT & telecom, transportation & logistic and healthcare markets. The global 5G chipset market is expected to reach an estimated \$75.6 billion by 2028 with a CAGR of 25.8% from 2023 to 2028. The major drivers for this market are increasing demand for high-speed internet with better network coverage, rising adoption for cellular and M2M IoT connections along with growing adoption of 5G in the automotive industry.

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5G Chipset Market by Segment

The study includes a forecast for the global 5G chipset market by type, operating frequency, end use industry, and region, as follows:

5G Chipset Market by Type [Shipment Analysis by Value from 2017 to 2028]:

Modems

RFICs (Radio Frequency Integrated Circuit)

Others

5G Chipset Market by Operating Frequency [Shipment Analysis by Value from 2017 to 2028]:

Sub-6 GHz

24-39 Ghz

Above 39 Ghz

Others

5G Chipset Market by End Use Industry [Shipment Analysis by Value from 2017 to 2028]:

Manufacturing

Energy & Utilities

Media & Entertainment

IT & Telecom

Transportation & Logistics

Healthcare

Others

5G Chipset Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of 5G Chipset Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies 5G chipset companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the 5G chipset companies profiled in this report include:

Qualcomm Technologies

MediaTek

Huawei Technologies

Samsung

Broadcom

Infineon Technologies

Anokiwave

Renesas Electronics

NXP Semiconductors

Analog Devices

5G Chipset Market Insights

Lucintel forecasts that modems will remain the larger segment over the forecast

period due to the growing adoption of 5G networks and increasing requirement for faster data speeds, low latency, and reliable connectivity in 5G devices across the globe.

IT & telecom segment will remain the highest growing segment due to the growing demand for high-speed data connectivity to conduct virtual meetings and rising investments by the major telecom manufacturers, to develop 5G chipset modules for telecom base stations as well as broadband gateway devices.

APAC will remain the largest region over the forecast period due to increasing demand for high-speed connection by consumers, rising penetration of modern technologies, such as IoT, AI, and cloud computing along with growing preferences for smart manufacturing in emerging economies like China and India.

Features of the 5G Chipset Market

Market Size Estimates: 5G chipset market size estimation in terms of value (\$B)

Trend and Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: 5G chipset market size by various segments, such as by type, operating frequency, end use industry, and region

Regional Analysis: 5G chipset market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different by type, operating frequency, end use industry, and regions for the 5G chipset market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the 5G chipset market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the 5G chipset market size?

Answer: The global 5G chipset market is expected to reach an estimated \$75.6 billion by 2028.

Q2. What is the growth forecast for 5G chipset market?

Answer: The global 5G chipset market is expected to grow with a CAGR of 25.8% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the 5G chipset market?

Answer: The major drivers for this market are increasing demand for high-speed internet with better network coverage, rising adoption for cellular and M2M IoT connections along with growing adoption of 5G in automotive industry.

Q4. What are the major segments for 5G chipset market?

Answer: The future of the global 5G chipset market looks promising with opportunities in the manufacturing, energy & utility, media & entertainment, IT & telecom, transportation & logistic and healthcare markets.

Q5. Who are the key 5G chipset companies?

Answer: Some of the key 5G chipset companies are as follows:

Qualcomm Technologies

MediaTek

Huawei Technologies

Samsung

Broadcom

Infineon Technologies

Anokiwave

Renesas Electronics

NXP Semiconductors

Analog Devices

Q6. Which 5G chipset segment will be the largest in future?

Answer: Lucintel forecasts that modems will remain the larger segment over the forecast period due to the growing adoption of 5G networks and increasing requirement for faster data speeds, low latency, and reliable connectivity in 5G devices across the globe.

Q7. In 5G chipset market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region over the forecast period due to increasing demand for high-speed connection by consumers, rising penetration of modern technologies, such as IoT, AI, and cloud computing along with growing preferences for smart manufacturing in emerging economies like China and India.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the global 5G chipset market by type (modems, RFIC (radio frequency integrated circuit), and others), operating frequency (sub-6 GHz, 24-39 GHz, and above 39 GHz), end use industry (manufacturing, energy & utilities, media & entertainment, IT & telecom, transportation & logistics, healthcare, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges

and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

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