

5G Infrastructure Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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5G Infrastructure Trends and Forecast

The future of the global 5G infrastructure market looks promising with opportunities in the residential, commercial, government, and industrial markets. The global 5G infrastructure market is expected to reach an estimated \$84.1 billion by 2030 with a CAGR of 32.0% from 2024 to 2030. The major drivers for this market are growing use of virtual networking architecture in telecommunication, rapid expansion of smart cities, and increasing demand for self-driving cars with integrated 5G wireless networks.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

5G Infrastructure by Segment

The study includes a forecast for the global 5G infrastructure by component, spectrum, network architecture, end use industry, and region

5G Infrastructure Market by Component [Shipment Analysis by Value from 2018 to 2030]:

Hardware

Services

5G Infrastructure Market by Spectrum [Shipment Analysis by Value from 2018 to 2030]:

Sub-6 GHz

mmWave

5G Infrastructure Market by Network Architecture [Shipment Analysis by Value from 2018 to 2030]:

Standalone

Non-Standalone

5G Infrastructure Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Residential

Commercial

Industrial

Government

5G Infrastructure Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of 5G Infrastructure 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 infrastructure companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the 5G infrastructure companies profiled in this report include-

AltioStar

Huawei Technologies

Nokia

Samsung Electronics

Telefonaktiebolaget LM Ericsson

ZTE

Airspan Networks Holdings

Fujitsu

CommScope

Corning

5G Infrastructure Market Insights

Lucintel forecasts that non-standalone is expected to witness highest growth over the forecast period due to its considerable use this 5G network in various applications, including uhd videos and cloud-based AR/VR gaming.

Commercial will remain the largest segment due to significant use of 5G network in this setting to enable real-time tracking and monitoring of products, continuous connectivity

during cloud computing, uninterrupted virtual meetings, and massive data transfer at higher speeds.

APAC is expected to witness highest growth over the forecast period due to encouraging initiative to improve the digital and network infrastructure, growing internet penetration, and expanding number of 5G base stations in the region.

Features of the Global 5G Infrastructure Market

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

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: 5G infrastructure market size by various segments, such as by component, spectrum, network architecture, end use industry, and region in terms of value (\$B).

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

Growth Opportunities: Analysis of growth opportunities in different components, spectrums, network architectures, end use industries, and regions for the 5G infrastructure market.

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

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

FAQ

Q.1 What is the 5G infrastructure market size?

Answer: The global 5G infrastructure market is expected to reach an estimated \$84.1 billion by 2030.

Q.2 What is the growth forecast for 5G infrastructure market?

Answer: The global 5G infrastructure market is expected to grow with a CAGR of 32.0% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the 5G infrastructure market?

Answer: The major drivers for this market are growing use of virtual networking architecture in telecommunication, rapid expansion of smart cities, and increasing demand for self-driving cars with integrated 5G wireless networks.

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

Answer: The future of the 5G infrastructure market looks promising with opportunities in the residential, commercial, government, and industrial markets.

Q5. Who are the key 5G infrastructure market companies?

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

AltioStar

Huawei Technologies

Nokia

Samsung Electronics

Telefonaktiebolaget LM Ericsson

ZTE

Airspan Networks Holdings

Fujitsu

CommScope

Corning

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

Answer: Lucintel forecasts that non-standalone is expected to witness highest growth over the forecast period due to its considerable use this 5G network in various applications, including uhd videos and cloud-based AR/VR gaming.

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

Answer: APAC is expected to witness highest growth over the forecast period due to encouraging initiative to improve the digital and network infrastructure, growing internet penetration, and expanding number of 5G base stations in the region.

Q.8 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 5G infrastructure market by component (hardware and services), spectrum (sub-6 GH and mmWave), network architecture (standalone and non-standalone), end use industry (residential, commercial, industrial, and government), 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?

For any questions related to 5G infrastructure market or related to 5G infrastructure companies, 5G infrastructure market size, 5G infrastructure market share, 5G infrastructure market growth, 5G infrastructure market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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