

# Global 5G Infrastructure Market To Reach \$97.08 Billion By 2029 With A Growth Rate Of 28.9%

*The Business Research Company's 5G Infrastructure Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, May 26, 2025

/EINPresswire.com/ -- Evolving network technologies and increasing demand

for high-speed connectivity have given a substantial boost to the [5G infrastructure market](#). The market size has grown exponentially in recent years, expanding from \$27.20 billion in 2024 to a projected \$35.16 billion in 2025, registering a compound annual growth rate CAGR of 29.3%. The growth in the historic period is owed to a surge in the adoption of virtual networking, a rising



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

*The Business Research Company*

demand for process automation, an increase in user expectations of service quality, and an ever-growing craving for high-speed networks.

Where Is The 5G Infrastructure Market Headed In The Future?

The [5G infrastructure market size](#) is expected to witness a quantum leap in the upcoming years, growing to a striking \$97.08 billion in 2029 at a CAGR of 28.9%. This impressive growth in the forecast period can be attributed to an

escalating demand for connected devices, a growing preference for 5G networks, increased internet penetration, and an escalating deployment of 5G infrastructure. Also contributing to the trend are key forecasts for the period that include advanced telecommunication technology, adoption of 5G-enabled technologies, integration with edge computing, and innovation in 5G networks.

Get Your Free Sample Market Report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=23289&type=smp>

The Business  
Research Company

The Business Research Company



## What's Fueling The Growth Of The 5G Infrastructure Market?

Fueling the exponential growth of the 5G infrastructure market is the rising demand for connected devices. Connected devices refer to physical objects capable of communicating with one another or with a central system via the internet or other networks. The demand for such devices is surging due to the widespread adoption of the Internet of Things IoT for collecting, sharing, and analyzing data through the internet, rendering devices smarter, more efficient, and capable of automation. 5G infrastructure further boosts connected devices through its capability for ultra-fast, low-latency, and high-capacity communication, ensuring real-time data transfer and seamless IoT integration across various sectors. For instance, in September 2024, according to IoT Analytics GmbH, a Germany-based NGO, by the end of 2023, there were as many as 16.6 billion connected IoT devices, marking a 15% increase from 2022. Furthermore, the number of connected IoT devices is projected to reach 40 billion by 2030. Hence, the escalating demand for connected devices is expected to significantly accelerate the growth of the 5G infrastructure market.

## Who Are The Key Players In The 5G Infrastructure Market?

Major companies at the helm of the 5G infrastructure market are Samsung Networks, AT&T Inc., Deutsche Telekom AG, Huawei Technologies Co. Ltd., Intel Corporation, Cisco Systems Inc., Qualcomm Incorporated, Oracle Corporation, Fujitsu Limited, Hewlett Packard Enterprise Company, Telefonaktiebolaget LM Ericsson, Nokia Corporation, NEC Corporation, KT Corp., ZTE Corporation, Rakuten Mobile Inc., SK Telecom Co. Ltd., CommScope Holding Company Inc, Juniper Networks Inc., Ciena Corporation. These key market players are making significant headway in the 5G infrastructure landscape.

Order Your Report Now For A Swift Delivery:

<https://www.thebusinessresearchcompany.com/report/5g-infrastructure-global-market-report>

## What's The Latest Trend In The 5G Infrastructure Market?

In the ever-evolving 5G infrastructure market, companies focus on developing advanced technologies such as 5G network architecture to enhance network performance, reduce latency, and support high-speed data transmission. For example, in November 2024, Viettel Group, a Vietnam-based telecom company, launched the world's first Open RAN O-RAN 5G network leveraging Qualcomm Technologies' 5G RAN platforms.

## How Is The 5G Infrastructure Market Segmented?

Delving into a granular breakdown of the market, the report segments the 5G infrastructure market by Component: Hardware, Software, Services; by Spectrum: Sub-6 GHz, Millimeter-wave; by Network Architecture: Centralized, Distributed, Cloud-Native, Virtualized; and by End User: Telecommunications, Automotive, Healthcare, Manufacturing, and Smart Cities. Under subsegments identified are Hardware: Radio Access Network RAN, Core Network Equipment;

Software: Network Management Software, Virtualization Software; and Services: Deployment & Integration Services.

### What Are The Regional Insights Of The 5G Infrastructure Market?

In terms of regional insights, it is Asia-Pacific that has asserted dominance as the biggest region in the 5G infrastructure market in 2024. However, as anticipation grows, Europe is expected to emerge as the fastest-growing region in the forecast period. Comprehensively, the regions covered in this detailed report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Similar Reports By The Business Research Company:

5G Infrastructure Equipment Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/5g-infrastructure-equipment-global-market-report>

5G Chipset Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/5g-chipset-global-market-report>

5G Fixed Wireless Access Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/5g-fixed-wireless-access-global-market-report>

### [About The Business Research Company](#)

Learn More About The Business Research Company. With over 15000+ reports from 27 industries covering 60+ geographies, The Business Research Company prides itself on delivering comprehensive, data-rich research, and insights. Boasting of 1,500,000 datasets, rigorous in-depth secondary research, and unique insights from industry leaders, TBRC equips you with the information you need to stay ahead in the competitive business landscape.

Contact us at:

The Business Research Company: <https://www.thebusinessresearchcompany.com/>

Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

Email us at [info@tbrc.info](mailto:info@tbrc.info)

Follow us on:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

YouTube: [https://www.youtube.com/channel/UC24\\_fl0rV8cR5DxICpgmyFQ](https://www.youtube.com/channel/UC24_fl0rV8cR5DxICpgmyFQ)

Global Market Model: <https://www.thebusinessresearchcompany.com/global-market-model>

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/816135203>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.