

With an Explosive 65.8% CAGR The 5G Revolution Market Poised Skyrocket to USD 797.80 Billion by 2030

Growth in investments toward smart city infrastructure is expected to provide significant opportunity for implementation of 5G technologies which boost market.

WILMINGTON, DE, UNITED STATES, February 17, 2025 /EINPresswire.com/ -- Allied Market Research published a new report, titled, " With an Explosive 65.8% CAGR [The 5G Revolution Market Poised Skyrocket to USD 797.80 Billion by 2030](#) ." The report offers an extensive analysis of key growth

strategies, drivers, opportunities, key segment, Porter’s Five Forces analysis, and competitive landscape. This study is a helpful source of information for market players, investors, VPs, stakeholders, and new entrants to gain thorough understanding of the industry and determine steps to be taken to gain competitive advantage.



Global 5G TECHNOLOGY Market
 OPPORTUNITIES AND FORECAST, 2021-2030

Global 5G Technology Market is expected to garner **\$797.80 Billion** by 2030

CAGR of 65.8% during the forecast period 2021-2030

5G Technology Market

The global 5G technology market was valued at \$5.13 billion in 2020, and is projected to reach \$797.80 billion by 2030, growing at a CAGR of 65.8% from 2021 to 2030.

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The demand for 5G technology has increased tremendously, especially by those needing the high speed, low latency, and network capacity that 5G is designed to provide. In addition, there is much faster rollout and adoption of 5G as compared to 4G which is expected to provide lucrative opportunities during the 5G technology market forecast.

5G is a next-generation cellular technology that will provide high speed reliable communication at ultra-low latency levels. 5G Technology covers the entire ecosystem of hardware, software and services that are critical for implementation of 5G networks. The 5G technology market includes

5G connectivity technologies such as enhanced mobile broadband, ultra-reliable low latency communications, and massive machine type communications. 5G technology is expected to redefine communication, entertainment, and how people connect to the internet. 5G technology can operate in mmwave bands i.e. within the high frequency spectrum ranging from 24 to 100 GHz that facilitates faster data delivery.

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The 5G technology market is segmented on the basis of component, connectivity, application, end use, and region. By component, it is classified into hardware, software and services. Based on connectivity, it is segregated into enhanced mobile broadband (EMBB), ultra-reliable low latency communication (URLLC), and massive machine type communication (MMTC). By application, it is segmented into automation, monitoring & tracking, connected vehicle, smart surveillance, VR & AR, enhanced video services, and others. By end use, the market is divided into manufacturing, automotive, energy & utilities, transportation & logistics, healthcare, government, media & entertainment, and others. By region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

On the basis of connectivity, the massive machine type communication (MMTC) segment is expected to grow at a fastest rate during the forecast period. As use of MMTC in sensor network in metering, agriculture, building, logistics, homes, and other applications are expected to be the key contributor to the growth of MMTC in the future 5G technology market.

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By Region, Asia-Pacific is the largest segment during 2020 and is expected to grow at the fastest CAGR during the forecast period due to wide presence of younger population in Asia-Pacific, which is increasing demand for digital applications including social gaming, media, and others. Furthermore, 5G network is expected to provide high data rate and thus, meet consumer expectations, which act as factors that boost the growth of the 5G technology market in the region.

The report analyses the profiles of key players operating in the 5G technology market such as Deutsche Telekom AG, Ericsson, Huawei Technology, Nokia, Orange S.A., Qualcomm Inc., Telecom Italia, Telstra, T-Mobile, and Intel Corporation. These players have adopted various strategies to increase their market penetration and strengthen their position in the 5G technology industry.

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Key findings of the study

- By connectivity, the enhanced mobile broadband (EMBB) segment led the 5G technology industry in terms of revenue in 2020.
- By end use, the manufacturing segment accounted for the highest 5G technology market share in 2020.
- By region, Asia-Pacific generated the highest revenue for the 5G technology market size in 2020.

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If you have any special requirements, please let us know and we will offer you the report as per your requirements.

Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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