

Business Overview

In its research report, Market Research Future (MRFR), emphasizes that the 2020 global [5G technology market](#) is projected to expand exponentially over the review period, ensuring a significant market valuation of USD 1799.8 billion by 2030, and a healthy CAGR of 40.2% over the review.

Drivers and constraints

The positive impact on this sector is the transition to modern digital technologies, massive network coverage, increased demand for fast data rates and steady growth in mobile data traffic, increased demand for machine-to-machine connectivity in enterprises, and increased demand for broadband services in other mobile networks.

Additionally, subscribers' continued demand for better mobile broadband experiences can stimulate the growth of the market for 5G technology. Booming mobile broadband adoption as well as increasing machine-to-machine connectivity in organizations is presumed to fuel the global market size of 5G technology in the coming years. Numerous features offered by this technology are high resolution, quick action monitoring tools, accurate traffic statistics and support for nearly 65,000 connections. Surely, these features will boost the appeal of 5G technology and will help drive market development.

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Segmental Analysis

By Communication Infrastructure, the market has been segmented into Macro Cell, Small Cell, Radio Access Network (RAN), and Distributed Antenna System (DAS). The small cell segment is poised to remain a highly profitable segment over the review periods.

By Services, the market has been segmented into Professional Services and Managed Services. The professional services segment is likely to observe substantial growth over the review period.

By Network Technology, the market has been segmented into Network Function, Virtualization (NFV), Mobile Edge Computing (MEC) Software-Defined Networking (SDN), and Fog Computing (FC). The network function virtualization segment is slated to remain highly attractive over the assessment period.

By Chipset Type, the market has been segmented into Radio Frequency Integrated Circuit (RFIC), Application-Specific Integrated Circuit (ASIC), Millimeter Wave Technology Chips, and Field Programmable Gate Array (FPGA). The ASIC segment is projected to uphold its leading position over the forecast period.

By Application, the market has been segmented into Retail, Automotive, Energy and Utilities, Healthcare, Consumer Electronics, Industrial Automation, and others. The consumer electronics segment is poised to hold its leading position by 2025. The segment is expected to experience a CAGR of 119.80% over the forecast period.

Competitive Analysis

The major market players operating in the [global 5G technology companies](#) as identified by MRFR are Cisco Systems, Inc., Telefonaktiebolaget LM Ericsson, Verizon, Huawei Technologies Co. Ltd.,

