

Global 5G Market –A USD 251 Bn Opportunity By 2025

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Abstracts

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Global 5G Market

The fifth generation of mobile technology (5G technology) is expected to cater to the demand and the business frameworks needed by and beyond 2020; but it is not without its disruptions. In addition to driving a connected society, 5G wireless technology will bring about socio-economic transformations through productivity, sustainability and well-being. Mobile 5G seems to be on course to be the next big thing in the global digital connectivity ecosystem. However, mobile 4G LTE will dominate in terms of volume for the next ten years at least. According to Netscribes' research, the global 5G market is forecasted to expand at a CAGR of around 97% over a five-year period and will reach a value of USD 251 Bn by 2025.

Key Growth Factors:

The main driver of 5G is the ever-increasing demand for enhanced mobile internet experiences, clubbed with smartphone adoption among users. 5G technology will address rising bandwidth requirements, demand for advanced application services, and higher acceptance of the Internet of Things (IOT).

Threats and Key Players:

Well-defined 5G standards and a clean regulatory environment will help realize the full potential of 5G services. Inadequate spectrum and infrastructure will hinder developing nations in their efforts to adopt 5G services. The top-ten global service provider companies covered in the study include:

China Mobile

Verizon Communications

AT&T

Vodafone

Nippon Telegraph and Telephone

Sprint Corporation

Deutsche Telekom

Telefonica

America Movil

China Telecommunications Corporation

Related Definitions:

Classic SIM Connection A subscriber identification module (SIM) is an integrated circuit(IC) that is designed to securely store the international mobile subscriber identity (IMSI) number and its related key, which are used for identification and authentication of subscribers on mobile telephony devices (such as mobile phones and computers). SIM cards are used on GSM phones, and they are required for the latest LTE-capable handsets.

Machine-to-Machine (M2M) SIM Connection– Refers to the technologies that enable devices/ machines and sensors or “things” (within the Internet of Things) to communicate with each other, and with other Internet-enabled devices and systems.

What's covered in the report:

Drivers for 5G adoption, trends, and challenges in the present

telecommunication industry

Total number of global and regional SIM cellular connections and SIM M2M cellular connections across (5G, 4G, 3G, 2G) generations

Global and regional data usage for both SIM cellular connections and SIM M2M cellular connections across (5G, 4G, 3G, 2G) generations

Global and regional data traffic for both SIM cellular connections and SIM M2M cellular connections across (5G, 4G, 3G, 2G) generations

Global 5G market by applications - Internet of Things, Robotics & Automation, Virtual Reality, Others)

Potential 5G Global Landscape

Why buy?

Get a broad understanding of the global 5G market, the dynamics of the market, and the current state of the industry

Understanding the global 5G market by applications - Internet of Things, Robotics & Automation, Virtual Reality, others)

Understand SIM Cellular Connection and SIM M2M Cellular Connection advancements/ decay across 5G, 4G, 3G, and 2G generations.

Recognize major competitors' business and market dynamics, and respond accordingly

Netscribes offers custom market research solutions based on specific business needs. To request for custom research contact support@researchonglobalmarkets.com.

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