

Global Wireless Connectivity Market Size Study & Forecast, by Technology (Wi-Fi, Bluetooth, Zigbee, Other Technologies), By End-user Industry (Automotive, Industrial, Healthcare, Energy, Infrastructure, Other End-user Industries), and Regional Analysis, 2023-2030

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Abstracts

Global Wireless Connectivity Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Wireless connectivity is the potential of devices to communicate with one another wirelessly. This is done by using radio waves, which are a form of electromagnetic radiation. Wireless connectivity is used in a wide variety of devices, including smartphones, tablets, laptops, wearables, and home appliances. It is also used in many industrial and commercial applications. The wireless connectivity market is expanding because of factors such as the stipulating demand for wireless sensors to develop smart infrastructure, the rising internet penetration rate, and the rising demand for low-power wide-area networks in IoT applications.

In addition, the surging adoption of the Internet of Things (IoT) is acting as a catalyzing factor for market growth across the globe. IoT is a network of physical devices that are connected to the internet. These devices collect and exchange data, which can be used to improve efficiency, productivity, and decision-making. The growing adoption of the IoT is driving the demand for wireless connectivity. As per the Statista report, in 2019, there were around 8.6 billion Internet of Things (IoT) connected devices were recorded, which is estimated to reach around 19.1 billion devices by 2025. Thus, these aforementioned factors are propelling the growth of the Wireless Connectivity Market during the estimated period. Moreover, the increasing development of 5G network, as

well as growing R&D activities in the field of Internet of Things presents various lucrative opportunities over the forecasting years. However, the increasing privacy and security concerns and the Lack of uniform communication standards are hampering the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Wireless Connectivity Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the Rising adoption of the Internet of Things (IoT), the development of new wireless technologies, as well as development of smart infrastructure. Whereas, Asia Pacific is expected to grow at the highest CAGR over the forecasting years. The increasing demand for connected devices, rising government initiatives, and rising demand for connected and smart homes are significantly propelling the market demand across the region.

Major market players included in this report are:

STMicroelectronics N.V. (Switzerland)
NXP Semiconductors N.V. (Netherlands)
MediaTek Inc. (Taiwan)
Infineon Technologies AG (Germany)
Murata Manufacturing Co., Ltd. (Japan)
Nordic Semiconductor (Norway)
Expressif Systems (China)
CEVA, Inc. (US)
Peraso Technologies, Inc. (Canada)
Panasonic Corporation (Japan)

Recent Developments in the Market:

In November 2022, Quectel Wireless Solutions- a provider of cellular vehicle-to-everything (C-V2X) and automotive solutions, has declared the availability of its new AG18 module. The module's PC5 direct communications function makes it possible for cars to communicate effectively with their surroundings, improving both traffic flow and safety.

January 2022, Telstra announced the introduction of Ericsson Private 5G, an enterprise-focused on-premise 5G network with a single-server 5G dual-mode core. Telstra's advanced network capabilities give the business community access to a low-latency, more resilient industrial wireless connectivity platform.

Global Wireless Connectivity Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Technology, End-user Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Wi-Fi

Bluetooth

Zigbee

Other Technologies

By End-user Industry:

Automotive

Industrial

Healthcare

Energy

Infrastructure

Other End-user Industries

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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