

Europe 5G Modems Market Size study, by Modem Type (Internal/Integrated, External) by Mode (Single-Mode, Multimode), by Application (Mobile and Tablets, Wearable, Automotive, Virtual Reality, Others) and Country Forecasts 2022-2032

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Abstracts

Europe 5G Modems Market is valued approximately USD 366.45 million in 2023 and is anticipated to grow with a healthy growth rate of more than 28.61% over the forecast period 2024-2032. 5G modems represent the core technology enabling devices to connect to 5G networks, the latest evolution in wireless communication. These modems are specialized integrated circuits designed to facilitate the transmission and reception of data over 5G frequencies, offering users vastly improved connectivity compared to previous generations such as 4G LTE. European governments and regulatory bodies are prioritizing investments in 5G infrastructure to stimulate economic growth, enhance digital connectivity, and foster innovation. Initiatives such as the European Union's Digital Single Market strategy and the European Commission's 5G Action Plan aim to accelerate the deployment of 5G networks and support the development of related technologies, including 5G modem in Europe 5G Modems Market.

The proliferation of Internet of Things (IoT) devices and Industry 4.0 initiatives is driving the demand for 5G modems in Europe. Industries such as manufacturing, healthcare, transportation, and logistics are leveraging 5G connectivity to enable real-time data transmission, remote monitoring, and automation, driving the adoption of 5G modems in IoT devices and industrial equipment. The convergence of IoT and Industry 4.0 with 5G technology is driving the adoption of 5G modems in Europe by providing the connectivity, reliability, speed, and scalability required for advanced industrial applications. As industries increasingly embrace digital transformation and automation, the demand for 5G modems is expected to continue growing, further fueling the

expansion of the Europe 5G modems market. Furthermore, Europe 5G Modems Market is driven by increased adoption because of favorable policies and regulations. However, substantial investment required for building and upgrading infrastructure to support 5G technology and Stringent regulations and lengthy approval processes would stifle market growth between 2022 and 2032.

The key countries considered for the Europe 5G Modems market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the largest market in terms of revenue. Germany has a strong reputation for technological innovation and manufacturing prowess, with several prominent semiconductor companies and technology firms headquartered within its borders. Companies like Infineon Technologies, Intel Deutschland, and Qualcomm Germany are actively involved in the development and production of 5G modems and related semiconductor components. Moreover, Germany's commitment to Industry 4.0 initiatives and digital transformation across various sectors, including manufacturing, healthcare, and logistics, creates a favorable environment for the adoption of 5G technology and associated modems. The country's robust infrastructure, research and development capabilities, and supportive regulatory framework further contribute to its prominence in the Europe 5G modems market. The market in UK, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Infineon Technologies AG
NXP Semiconductors N.V.
STMicroelectronics N.V.
Nokia Corporation
Company 5
Company 6
Company 7
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

Modem Type:
Internal/Integrated
External

By Mode:

Single-Mode

Multimode

By Application:

Mobile and Tablets

Wearable

Automotive

Virtual Reality

Others

By Region:

Europe

UK

Germany

France

Spain

Italy

ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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