

Global BLE Module Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global BLE Module market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Ongoing improvements with Bluetooth Low Energy (BLE) combined with low cost chips and a large and growing developer community have made BLE a leading Internet of Things (IoT) technology. Billions of BLE enabled smartphones has created a massively scaled ecosystem for IoT developers. BLE is driving markets such as health and fitness wearable sensors where low power and 1 MB/s throughput is required. The expanded network range, throughput and capacity with Bluetooth 5 as well as the completion of the Bluetooth mesh specification has also made BLE a disruptor for fixed sensor networks.

The accelerated growth of IoT market is one of the major factors driving the global BLE module market. IoT is concerned with capturing data from the surrounding stimuli and allowing communication between people and machines. The increasing focus on the connected environment has resulted in IoT becoming one of the most rapidly growing markets. IoT devices collect data through sensors and actuators and transmit it to a centralized location on a real-time basis. This allows end-users to make informed decisions. APAC accounted for the largest share of the BLE module market in 2017. According to Technavio's market research analysts, this regional segment is likely to continue its dominance in the market throughout the forecast period.

The Global Info Research report includes an overview of the development of the BLE Module industry chain, the market status of Computing Devices (Single-Mode BLE Modules, Dual-Mode BLE Modules), Smart Wearables (Single-Mode BLE Modules,

Dual-Mode BLE Modules), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of BLE Module.

Regionally, the report analyzes the BLE Module markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global BLE Module market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the BLE Module market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the BLE Module industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Single-Mode BLE Modules, Dual-Mode BLE Modules).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the BLE Module market.

Regional Analysis: The report involves examining the BLE Module market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the BLE Module market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to BLE Module:

Company Analysis: Report covers individual BLE Module manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards BLE Module. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Computing Devices, Smart Wearables).

Technology Analysis: Report covers specific technologies relevant to BLE Module. It assesses the current state, advancements, and potential future developments in BLE Module areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the BLE Module market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

BLE Module market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Single-Mode BLE Modules

Dual-Mode BLE Modules

Market segment by Application

Computing Devices

Smart Wearables

Smart Home Appliances

Others

Major players covered

Nordic Semiconductor

Qualcomm Technologies

NXP Semiconductors

STMicroelectronics

Texas Instruments

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe BLE Module product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of BLE Module, with price, sales, revenue

and global market share of BLE Module from 2019 to 2024.

Chapter 3, the BLE Module competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the BLE Module breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and BLE Module market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of BLE Module.

Chapter 14 and 15, to describe BLE Module sales channel, distributors, customers, research findings and conclusion.

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