

# Global GNSS Chips & Modules 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 GNSS Chips & Modules market size was valued at USD 2995.3 million in 2023 and is forecast to a readjusted size of USD 4101.8 million by 2030 with a CAGR of 4.6% during review period.

**Proliferation of Location-Based Services (LBS):** The increasing adoption of location-based services in various industries, including automotive, transportation, agriculture, logistics, and consumer electronics, drove the demand for GNSS chips and modules. LBS applications include vehicle tracking, asset management, location-based advertising, fleet management, and navigation services, among others.

**Growing Use of Smartphones and Wearable Devices:** The widespread use of smartphones, smartwatches, fitness trackers, and other wearable devices with location-based functionalities created a significant demand for GNSS chips and modules. These chips enable accurate GPS positioning and support various location-based applications in mobile devices.

**Rise in Autonomous Vehicles and ADAS:** The development and deployment of autonomous vehicles and Advanced Driver Assistance Systems (ADAS) relied on GNSS technology for precise positioning and navigation. GNSS chips and modules were crucial for providing real-time location data to autonomous vehicles and assisting in path planning and obstacle avoidance.

The Global Info Research report includes an overview of the development of the GNSS Chips & Modules industry chain, the market status of Smartphones (High Precision GNSS Chips & Modules, Standard Precision GNSS Chips & Modules), Tablets (High

Precision GNSS Chips & Modules, Standard Precision GNSS Chips & Modules), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of GNSS Chips & Modules.

Regionally, the report analyzes the GNSS Chips & Modules 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 GNSS Chips & Modules market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the GNSS Chips & Modules 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 GNSS Chips & Modules 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., High Precision GNSS Chips & Modules, Standard Precision GNSS Chips & 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 GNSS Chips & Modules market.

**Regional Analysis:** The report involves examining the GNSS Chips & Modules 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 GNSS Chips & Modules market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to GNSS Chips & Modules:

**Company Analysis:** Report covers individual GNSS Chips & Modules 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 GNSS Chips & Modules. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Smartphones, Tablets).

**Technology Analysis:** Report covers specific technologies relevant to GNSS Chips & Modules. It assesses the current state, advancements, and potential future developments in GNSS Chips & Modules areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the GNSS Chips & Modules 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

GNSS Chips & Modules 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

High Precision GNSS Chips & Modules

Standard Precision GNSS Chips & Modules

### Market segment by Application

Smartphones

Tablets

Personal Navigation Devices

In-Vehicle Systems

Wearable Devices

Digital Cameras

Others

#### Major players covered

Qualcomm

Broadcom

Mediatek

U-blox

STM

Intel Corporation

Furuno Electric

Quectel Wireless Solutions

Navika Electronics

#### 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 GNSS Chips & Modules product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of GNSS Chips & Modules, with price, sales, revenue and global market share of GNSS Chips & Modules from 2019 to 2024.

Chapter 3, the GNSS Chips & Modules competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the GNSS Chips & Modules 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 GNSS Chips & Modules 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 GNSS Chips

& Modules.

Chapter 14 and 15, to describe GNSS Chips & Modules sales channel, distributors, customers, research findings and conclusion.

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