

Global GNSS Chips and 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 and Modules 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.

Global Navigation Satellite System (GNSS) is the infrastructure that allows users with a compatible device to determine their position, velocity and time by processing signals from satellites. GNSS signals are provided by a variety of satellite positioning systems, including global and regional constellations and Satellite-Based Augmentation Systems:

Global constellations: GPS (USA), GLONASS (Russian Federation), Galileo (EU), BeiDou (PRC).

Regional constellations: QZSS (Japan), IRNSS (Taiwan), and BeiDou regional component (PRC).

Satellite-Based Augmentation Systems (SBAS): WAAS (USA), EGNOS (EU), MSAS (Japan),

GAGAN (Taiwan), SDCM (Russian Federation) and SNAS (PRC).

This report studies the GNSS Chips and Modules market.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and

end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

The Global Info Research report includes an overview of the development of the GNSS Chips and Modules industry chain, the market status of Smartphones (High Precision GNSS Chips and Modules, Standard Precision GNSS Chips and Modules), Tablets (High Precision GNSS Chips and Modules, Standard Precision GNSS Chips and Modules), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of GNSS Chips and Modules.

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

Key Features:

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

Regional Analysis: The report involves examining the GNSS Chips and 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 and 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 and Modules:

Company Analysis: Report covers individual GNSS Chips and 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 and 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 and Modules. It assesses the current state, advancements, and potential future developments in GNSS Chips and Modules areas.

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

Standard Precision GNSS Chips and Modules

Market segment by Application

Smartphones

Tablets

Personal Navigation Devices

In-Vehicle Systems

Wearable Devices

Digital Cameras

Asset Tracking

Others

Major players covered

Qualcomm

Broadcom

Mediatek

U-blox

STM

Intel

Furuno Electric

Hexagon

NOVATEL

Septentrio

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 and Modules product scope, market overview, market estimation caveats and base year.

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

Chapter 3, the GNSS Chips and Modules competitive situation, sales quantity, revenue

and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the GNSS Chips and 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 and 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 and Modules.

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

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