

# Global High-Precision Positioning Board Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global High-Precision Positioning Board market size is expected to reach \$ 3200 million by 2032, rising at a market growth of 9.3% CAGR during the forecast period (2026-2032).

In 2025, global High-Precision Positioning Board production reached approximately 4.07 million units, with an average global market price of around US\$ 410 per unit. The High-Precision Positioning Board is an electronic hardware designed for centimeter- to sub-meter-level positioning, integrating multi-frequency GNSS reception, encoder/interferometer interfaces, and real-time signal processing modules. It enables high-accuracy, low-latency measurement and control in industrial automation, UAVs, surveying, aerospace, and military applications.

In the future, the high-precision positioning board card industry is expected to exhibit a diversified trend. As automation and the Internet of Things (IoT) continue to advance, there will be an increasing demand for high-precision positioning technologies in fields such as robotics, autonomous vehicles, and smart devices, which will drive revenue and profit growth for companies in this sector. Simultaneously, the expansion into new markets such as precision agriculture, construction technology, and healthcare will open up new growth opportunities. Technological innovation will lead to more efficient and cost-effective products, while the integration with advanced analytics will bring new value to businesses. Furthermore, the enhancement of industry standardization and regulatory compliance, as well as the expansion into global markets, will provide profitable growth opportunities for companies that can maintain a competitive edge. However, the intensification of market competition and industry consolidation may also present challenges. Companies must innovate continuously to adapt to the evolving industry landscape and ensure their leadership in a fierce market competition.

This report studies the global High-Precision Positioning Board production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High-Precision Positioning Board and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of High-Precision Positioning Board that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global High-Precision Positioning Board total production and demand, 2021-2032, (Million Units)

Global High-Precision Positioning Board total production value, 2021-2032, (USD Million)

Global High-Precision Positioning Board production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global High-Precision Positioning Board consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: High-Precision Positioning Board domestic production, consumption, key domestic manufacturers and share

Global High-Precision Positioning Board production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global High-Precision Positioning Board production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global High-Precision Positioning Board production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global High-Precision Positioning Board market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key

companies covered as a part of this study include Trimble, u-blox, NovAtel, Geo-matching, SparkFun, Septentrio, ComNav Technology, Tersus GNSS, Hexagon, CNH, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High-Precision Positioning Board market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global High-Precision Positioning Board Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global High-Precision Positioning Board Market, Segmentation by Type:

Single-Frequency

Dual-Frequency

Multi-Frequency

Global High-Precision Positioning Board Market, Segmentation by Positioning Accuracy:

Meter-level Positioning Board

Decimeter-level Positioning Board

Centimeter-level Positioning Board

Millimeter-level Positioning Board

Global High-Precision Positioning Board Market, Segmentation by Support Satellite Systems:

GPS Positioning Board

BDS Board

Others

Global High-Precision Positioning Board Market, Segmentation by Application:

Industrial Automation

Medical Devices

Military Systems

Aerospace

Consumer Electronics

Others

Companies Profiled:

Trimble

u-blox

NovAtel

Geo-matching

SparkFun

Septentrio

ComNav Technology

Tersus GNSS

Hexagon

CNH

Topcon

Unicore Communications

Hunan Bynav Technology

Shanghai Sinan Navigation Technology

Cnostar Technology

Xi'an Unistrong Navigation Technology

HangZhou ZhongKe Microelectronics

Changsha Jinwei Integrated Circuit

Beijing Hwa Create Corporation

**Key Questions Answered:**

1. How big is the global High-Precision Positioning Board market?
2. What is the demand of the global High-Precision Positioning Board market?
3. What is the year over year growth of the global High-Precision Positioning Board market?
4. What is the production and production value of the global High-Precision Positioning Board market?
5. Who are the key producers in the global High-Precision Positioning Board market?
6. What are the growth factors driving the market demand?

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