

# Global Automotive Grade IMU Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GE08C28A1177EN.html>

Date: January 2026

Pages: 128

Price: US\$ 3,480.00 (Single User License)

ID: GE08C28A1177EN

## Abstracts

According to our (Global Info Research) latest study, the global Automotive Grade IMU market size was valued at US\$ million in 2025 and is forecast to a readjusted size of US\$ million by 2032 with a CAGR of %during review period.

Automotive-grade IMU refers to an inertial measurement unit (Inertial Measurement Unit) certified by automotive industry standards. It is a device that measures and meters the direction, speed and acceleration of a vehicle's motion, providing accurate data by utilizing gyroscopes and accelerometers. Automotive-grade IMUs are widely used in the automotive field to implement various functions, such as vehicle stability control systems, vehicle positioning and navigation systems, and advanced driver assistance systems (ADAS). Rigorous testing and certification ensure its stability and reliability in various road conditions and environments.

This report is a detailed and comprehensive analysis for global Automotive Grade IMU market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global Automotive Grade IMU market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive Grade IMU market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive Grade IMU market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive Grade IMU market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Automotive Grade IMU
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive Grade IMU market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Honeywell, Bosch Sensortec, STMicroelectronics, Panasonic, Thales Group, Analog Devices, Murata Manufacturing, TDK, Silicon Sensing Systems, MEMSIC, etc.

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

### **Market Segmentation**

Automotive Grade IMU market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single Axis IMU

Three-Axis IMU

Market segment by Application

Commercial Vehicles

Passenger Vehicles

Major players covered

Honeywell

Bosch Sensortec

STMicroelectronics

Panasonic

Thales Group

Analog Devices

Murata Manufacturing

TDK

Silicon Sensing Systems

MEMSIC

VectorNav Technologies

Memsense

Sensoror

ACEINNA

Chongqing Tianjian Transducer

Adrax

Ascension Technology

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 Automotive Grade IMU product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Grade IMU, with price, sales quantity, revenue, and global market share of Automotive Grade IMU from 2021 to 2026.

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

Chapter 4, the Automotive Grade IMU breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Automotive Grade IMU market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Automotive Grade IMU.

Chapter 14 and 15, to describe Automotive Grade IMU sales channel, distributors, customers, research findings and conclusion.

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