

Global Automotive Inertial Module Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G74993D43E30EN.html>

Date: October 2026

Pages: 139

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

ID: G74993D43E30EN

Abstracts

According to our (Global Info Research) latest study, the global Automotive Inertial Module 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.

The automotive inertial module market refers to the industry that produces and supplies inertial measurement units (IMUs) for use in automotive applications. IMUs are electronic devices that provide information about an object's motion, orientation, and spatial position. In the automotive industry, IMUs play a crucial role in various applications, including vehicle stability control, advanced driver assistance systems (ADAS), and autonomous driving. IMUs are essential components in ADAS and autonomous driving systems. They help the vehicle understand its movement, orientation, and position, which is crucial for tasks such as lane-keeping, adaptive cruise control, and collision avoidance. As the automotive industry continues to evolve, the demand for high-quality and reliable automotive inertial modules is expected to grow. These modules play a vital role in enhancing vehicle safety, performance, and the development of autonomous driving technology. Manufacturers will need to continue innovating to meet the evolving needs of the automotive market.

This report is a detailed and comprehensive analysis for global Automotive Inertial Module 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 Inertial Module market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive Inertial Module 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 Inertial Module 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 Inertial Module 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 Inertial Module

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 Inertial Module 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 STMicroelectronics, Bosch, TDK (InvenSense), NXP Semiconductors, Murata, Analog Devices, Northrop Grumman Corp, SAFRAN, Honeywell, Thales, etc.

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

Market Segmentation

Automotive Inertial Module 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

Traditional

High Performance

Market segment by Application

Passenger Car

Commercial Vehicles

Major players covered

STMicroelectronics

Bosch

TDK (InvenSense)

NXP Semiconductors

Murata

Analog Devices

Northrop Grumman Corp

SAFRAN

Honeywell

Thales

Kearfott

KVH Industries

UTC

Systron Donner Inertial

IAI Tamam

L3 Technologies

VectorNav

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 Inertial Module product scope, market

overview, market estimation caveats and base year.

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

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

Chapter 4, the Automotive Inertial Module 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 Inertial Module 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 Inertial Module.

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

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