

Global Automotive NAD 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 Automotive NAD Modules market size was valued at USD 1478.6 million in 2023 and is forecast to a readjusted size of USD 3241.6 million by 2030 with a CAGR of 11.9% during review period.

Automotive NAD refers to a device in a vehicle used to connect the vehicle to the Internet or other communication networks, and has the same type of functionality as an IoT module in terms of connectivity, while automotive-grade NAD is designed and configured for automotive applications. Typically, NAD is embedded in the TCU module for data access and communication, and can also be used for fleet management. It provides the ability for the vehicle to communicate with external networks, allowing the vehicle to receive and send data, perform remote control, update software, obtain real-time traffic information, and more.

Global 5 largest manufacturers of Automotive NAD Modules are Fibocom (Rolling Wireless), LG Innotek, Continental, HARMAN and Wistron NeWeb Corp (WNC), which make up over 77%. Among them, Fibocom (Rolling Wireless) is the leader with about 24% market share. Asia-Pacific is the largest market, with a share about 59%, followed by Europe and North America, with the share about 28% and 12%. In terms of product type, 5G Module occupy the largest share of the total market, about 56%. And in terms of product Application, the largest application is Passenger Vehicle, followed by Commerical Vehicle.

The Global Info Research report includes an overview of the development of the Automotive NAD Modules industry chain, the market status of Passenger Vehicle (4G

Module, 5G Module), Commercial Vehicle (4G Module, 5G Module), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive NAD Modules.

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

Key Features:

The report presents comprehensive understanding of the Automotive NAD 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 Automotive NAD 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., 4G Module, 5G Module).

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 Automotive NAD Modules market.

Regional Analysis: The report involves examining the Automotive NAD 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 Automotive NAD 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 Automotive NAD Modules:

Company Analysis: Report covers individual Automotive NAD 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 Automotive NAD Modules. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Vehicle, Commercial Vehicle).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Automotive NAD 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

Automotive NAD 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

4G Module

5G Module

Others

Market segment by Application

Passenger Vehicle

Commerical Vehicle

Major players covered

Fibocom (Rolling Wireless)

LG Innotek

Continental

HARMAN

Wistron NeWeb Corp (WNC)

Quectel

SUNSEA

Telit Cinterion (Kontron)

TITAN

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

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

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

Chapter 4, the Automotive NAD 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 Automotive NAD 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 Automotive NAD Modules.

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

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