

Global Automotive Ethernet Gateway 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 Ethernet Gateway market size was valued at USD 672.9 million in 2023 and is forecast to a readjusted size of USD 2254.4 million by 2030 with a CAGR of 18.9% during review period.

As the central communication node of the vehicle Ethernet, the vehicle Ethernet gateway realizes the communication service between the vehicle and the outside world by connecting the telematics control unit. At the same time, for the data accessed by the outside world, the firewall and intrusion detection ensure the safety of vehicle information.

Global key manufacturers of Automotive Ethernet Gateway include NXP Semiconductors, Bosch, Infineon Technologies, Vector Informatik, etc. These top four manufacturers hold a market share over 38%. Europe is the major producing region in the world. In terms of application, the product is most widely used in passenger car, followed by commercial vehicle.

The Global Info Research report includes an overview of the development of the Automotive Ethernet Gateway industry chain, the market status of Passenger Car (Ethernet Port Only Type, Hybrid Type), Commercial Vehicle (Ethernet Port Only Type, Hybrid Type), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Ethernet Gateway.

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

Key Features:

The report presents comprehensive understanding of the Automotive Ethernet Gateway 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 Ethernet Gateway 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., Ethernet Port Only Type, Hybrid Type).

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 Ethernet Gateway market.

Regional Analysis: The report involves examining the Automotive Ethernet Gateway 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 Ethernet Gateway 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 Ethernet Gateway:

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

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Ethernet Gateway 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 Ethernet Gateway 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

Ethernet Port Only Type

Hybrid Type

Market segment by Application

Passenger Car

Commercial Vehicle

Major players covered



FEV Group	
Continental	
NXP Semiconductors	
DASAN Network	
Bosch	
Texas Instruments	
Microchip Technology	
STMicroelectronics	
Infineon Technologies	
Intrepid Control Systems	
Vector Informatik	
Molex	
Tata ELXSI	
Technica Engineering	
Jingwei Hirain Technologies	
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 Ethernet Gateway product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Automotive Ethernet Gateway 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 Ethernet Gateway 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 Ethernet Gateway.

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



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