

Automotive Network Access Device Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Vehicle Type (Passenger Car, Commercial Vehicle), By Demand Category (OEM vs Replacement), By Compatibility (4G, 5G), and By Region

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Abstracts

The global automotive network access device market is anticipated to witness a growth of formidable CAGR in the forecast period, 2023-2028. The key factors driving the global automotive network access device market growth are strict government regulations about vehicle safety, electrification of vehicles, and high-end investments for technological advancements of vehicles by the market players.

A network access device is an electronic circuit configured to connect to the WLAN automatically. It helps make the driving experience more enjoyable and safer as it aids in providing continuous input to the consumers and makes them aware of the anticipated events. Network access devices are used in connected cars to help preventive maintenance, accident prevention, and telematics. With the growing advances in technology, the demand for network access devices is expected to proliferate in the forecast period.

High Demand for Connected Cars Drives Market Demand

A car that can connect to the internet via WLAN (wireless local area network) is called a connected car, and these can be used to transfer the data and internet with devices inside and outside of the car. Automotive devices which are used to exchange or communicate information about the vehicle and the related information such as vehicle

infrastructure, surrounding information, pedestrians are known as connected car devices. Automotive network access device facilitates the exchange of information between the automobile and driver. The Global Connected car market is anticipated to reach over USD55 billion in 2026. The shift in consumers' preference to opt for features and technological advancements offering flexibility, comfort, and convenience bolsters the adoption of connected cars among consumers. The United States is expected to be a promising market for the global automotive network access device market due to significant market players and advanced technology in the manufacturing process. Consumers' high purchasing power enables them to afford quality services, which is expected to boost the market demand in the forecast period.

Increasing awareness among consumers about vehicle, driver, and pedestrian safety and the introduction of latest technologies in cars such as lane departure warning systems, adaptive cruise control, blind-spot detection in mid-segment and premium cars are expected to be driving factors influencing the proliferation of network access device in automobiles.

Rise In Penetration of Telecommunication Sector in Automotive Industry Spurs Market Demand

An increase in the number of road accidents and cases of vehicle thefts are bolstering the need for measures providing enhanced connectivity between the vehicle and passenger to prevent the occurrence of this mishapening is majorly influencing the market demand. The growing adoption of navigation services to drive quickly through roads gives the estimated driving time and the shortest route to make the driving experience more comfortable. Connecting a car with a network helps the manufacturers to offer services such as remote diagnostics, navigation, security, safety, driving assistance, information about automobiles efficiently. The automotive sector is a flourishing industry and seems to be an attractive investing sector for the telecommunication industry. Automobile manufacturers are adopting the services of the telecommunication industry to provide internet facilities and enable services in automobiles, which is boosting the global automotive network access device market growth.

Market Segmentation

The global automotive network access device market is segmented by vehicle type, demand category, compatibility, regional distribution, and company. Based on the vehicle type, the global automotive network access device market is divided into

passenger car, and commercial vehicle. Based on the demand category, the global automotive network access device market is divided into OEM and replacement. Based on compatibility, the global automotive network access device market is divided into 4G and 5G. To analyze the market based on the region, the global automotive network access device market is studied in major regions namely North America, Asia-pacific, Europe & CIS, South America, Middle East, and Africa.

Market Players

HARMAN International (Samsung Electronics Co. Ltd.), Qualcomm Technologies, Inc, Continental AG, Robert Bosch GmbH, DENSO Corporation, are among the major market players in the global platform that lead the market growth of the global automotive network access device market.

Report Scope:

In this report, global automotive network access device market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Automotive Network Access Device Market, By Vehicle Type:

Passenger Car

Commercial Vehicle

Automotive Network Access Device Market, By Demand Category:

OEM

Replacement

Automotive Network Access Device Market, By Compatibility:

4G

5G

Automotive Network Access Device Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

Malaysia

Thailand

Indonesia

Vietnam

South Korea

Europe & CIS

Germany

France

United Kingdom

Spain

Italy

Belgium

Russia

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

UAE

Saudi Arabia

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global automotive network access device market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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