

Portable Automotive Wi-Fi Router Market Size, Future Prospects, and Industry Trends: A Detailed Analysis - 2030

The automotive industry has shifted its focus toward well-connected systems and vehicles.



connectivity and high cost of advanced technologies hinder the market growth. On the other hand, lack of cellular internet connectivity and surge in adoption of connected cars present new opportunities in the coming years.

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A portable Wi-Fi router for hotspot access can be used to ensure connection between automotive devices. Automotive manufacturers are thus embracing advanced connectivity solutions, adopting cellular and Wi-Fi technology to deliver resourceful services and enhance customer experience. The increasing penetration of Internet of Things (IoT) into the automotive industry is enabling fleet and automobile telematics to offer better and efficient solutions to customers. The boom in smartphone industry and aggrandized use of cloud technology, navigation, and other services significantly boost the growth of the global portable automotive Wi-Fi router market.

Cisco Systems, Cradlepoint, Inc., Teldat Group, Guangzhou Gaoke Communications Technology, ZTE Corporation, HooToo, Sierra Wireless, KuWFi Technology Co., Ltd., Huawei Technologies Co.,

Ltd., Shenzhen Zhiguanghong Technologies Co., Ltd

Factors such as rise in trend of connectivity solutions, growing adoption of cloud technology and increase in use of cloud-based technology for automotive telematics solution create a positive impact on the growth of the market across the globe. However, factors such as lack of uninterrupted & seamless internet connectivity and high cost of advanced technologies, restrain the growth of the market during the forecast period. Moreover, the factors such as lack of cellular internet connectivity and rise in adoption of connected cars, create numerous opportunities for the growth of the market during the forecast period.

The portable automotive Wi-Fi router market has been segmented on the basis of vehicle type, sales channel, vehicle class, application and region. By vehicle type, the market has been segmented into passenger car, light commercial vehicle and heavy commercial vehicles. By sales channel, the market has been segmented into OEM and aftermarket. By vehicle class, the market has been segmented into mid-priced and luxury. By application, the market has been segmented into driver assistance, safety, entertainment, well-being, vehicle management and mobility management. By region, the market has been studied across North America, Europe, Asia-Pacific and LAMEA.

Based on application, the safety segment held the largest share in 2020, accounting for nearly one-third of the global portable automotive Wi-Fi router market, and is expected to continue its dominance in terms of revenue during the forecast period. This is due to increased application of on-board safety features that need internet connectivity to carry out efficient operations. However, the vehicle management segment is estimated to register the fastest CAGR of 21.0% from 2021 to 2030, owing to different vehicle management software that transmit live information of the vehicle to fleet owners for keeping track of the vehicles & its operations.

North America dominates the market, in terms of revenue, followed by Europe, Asia-Pacific and LAMEA. U.S. dominated the global <u>portable automotive Wi-Fi router market share</u> in 2020. Mexico is expected to grow at a significant rate during the forecast period, owing to increase in demand for smart vehicles.

Based on region, North America contributed to the highest market share in 2020, accounting for around one-third of the global portable automotive Wi-Fi router market. This is due to rise in demand for in-vehicle connectivity and new developments to offer excellent and efficient services. However, Asia-Pacific is projected to portray the largest CAGR of 19.2% during the forecast period, owing to increased production of vehicles equipped with advanced features

across China, Japan, and other countries.

By vehicle type, the heavy commercial vehicle segment is expected to register a significant growth during the forecast period.

Depending on sales channel, the OEM segment is anticipated to exhibit significant growth in the future.

On the basis of vehicle class, the luxury segment is anticipated to exhibit significant growth in the future.

On the basis of application, the vehicle management segment is anticipated to exhibit significant growth in the future.

Asia-Pacific is anticipated to register the highest CAGR.

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