Automotive ethernet Market Size study, by Component (Software, Hardware and Services), Vehicle Types (Passenger Cars, Commercial Vehicles, And Farming & Off-Highway Vehicles) and Regional Forecasts 2019-2026

Report / Search Code: RnM3800118  
Publish Date: 03 October, 2019

Price  
1-user PDF : $ 3950.0  
Enterprise PDF : $ 5550.0

Description:  
Automotive ethernet Market is valued approximately at USD 1.3 billion in 2018 and is anticipated to grow with a healthy growth rate of more than 21.6% over the forecast period 2019-2026. The rising in car technology has increased the demand for smartphone connectivity, high-powered entertainment systems, navigation interactive system feedback, along with driver responsive performance. The advancement of these applications is driving up the bandwidth requirements and automotive manufacturers are deviating more towards computer-based systems, applications and connections. The cost of the software and systems along with wiring harness to support them in terms of cabling, network interfaces, and onboard computing power is increasing. The deployment of ethernet in vehicles tends to reduce the cost which tends to drive the market share of automotive ethernet. Ethernet is widely used by the automotive industry as the preferred interface for On-Board-Diagnostics (OBD) in next generation of cars. Moreover, with the introduction of Power over Ethernet (PoE), the PoE tends to surge the demand for automotive ethernet over the forecast period. The demand for higher bandwidth has led the manufacturers gradual shift towards ethernet cables from traditional networking devices as it reduces the cable volumes by carrying power and data on the same cable.

The regional analysis of Automotive ethernet market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is expected to register significant growth over the forecast period owing to the presence of key players in the region. The technological advancement in the region in automotive and electronics sectors tends to drive the market share of automotive ethernet in the region. The rising consumer preference for high data connectivity in cars, and enhanced connectivity tends to drive the market share of automotive ethernet.

Major market player included in this report are:

- Broadcom
- DASAN Networks
- Excelfore
- Keysight Technologies, Inc.
- Marvell
- Microchip technology
- NEXCOM International Co., Ltd
- NXP semiconductors
- Realtek Semiconductor
- System-on-Chip Engineering S.L. (SoC-E)
- TE Connectivity
- Toshiba
- TTTech Auto
- Xilinx

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component:
- Hardware
- Software
- Services

By Vehicle Type:
- Passenger Cars
- Commercial Vehicles
- Farming & Off-Highway Vehicles

By Region:
- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- Asia Pacific
- China
- India
- Japan
- Latin America
- Brazil
- Mexico
- Rest of the World
Furthermore, years considered for the study are as follows:
- Historical year – 2016, 2017
- Base year – 2018
- Forecast period – 2019 to 2026

Target Audience of the Automotive ethernet Market in Market Study:
- Key Consulting Companies & Advisors
- Large, medium-sized, and small enterprises
- Venture capitalists
- Value-Added Resellers (VARs)
- Third-party knowledge providers
- Investment bankers
- Investors

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