

Global Automotive Hypervisor Market Size study, by Type (Type 1 Hypervisor, Type 2 Hypervisor), by Vehicle Type (Passenger Cars, Commercial Vehicles), by Mode of Operation (Autonomous Vehicle, Semi-Autonomous Vehicle), by End-User (Economy Vehicles, Mid-Priced Vehicle, Luxury Vehicles) and Regional Forecasts 2020-2027

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Abstracts

Global Automotive Hypervisor Market is valued approximately at USD 129.6 million in 2019 and is anticipated to grow with a healthy growth rate of more than 33.2% over the forecast period 2020-2027. A hypervisor is a type of computer software, hardware, or firmware that operates virtual machines. The system on which the hypervisor runs multiple operating systems and/or virtual machines through an operating system is known as a host. In general, the hypervisor is an embedded technology that has been extensively utilized for the in-vehicle infotainment application across the automotive sector. This technology involves the visual assistance and helps in the virtualization of several hardware devices since they are capable of accessing the customary operating system/host system that helps in achieving access to the commonly connected devices/electronics. As a result, embedded hypervisors are integral for compliance in the automotive industry, thereby augmenting the market growth. Moreover, the integration of several automotive applications to support centralized function, increasing complexities of electrical and electronic architecture in advanced vehicles, and the rise in penetration of electric vehicles are the few factors responsible for the impressive CAGR of the market during the forecast period. According to the survey by the International Energy Agency in 2018, more than 1 million electric cars were sold in 2017 with more than half of global sales in China. Also, it is estimated that the total number of electric cars sold surpassed 2.1 million across the globe in the year 2019. Likewise, in

2019, China remained the world's most sophisticated market for electric vehicle sales in absolute terms, with 2.3 million electric vehicles in active use. This, in turn, is likely to strengthen the demand for automotive hypervisor, thus contributing to the growth of the global market. However, the high maintenance cost of hypervisor and lack of standard protocols to develop software for automotive applications are the few factors impeding the market growth over the forecast period of 2020-2027.

The regional analysis of the global Automotive Hypervisor market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-pacific is the leading/significant region across the world in terms of market share owing to the rising production and/or sales of automotive vehicles, along with the presence of a large number of market vendors in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the escalating demand for advanced safety, convenience, and comfort systems, and the existence of well-established automotive sector in the developing nations, such as China and India, are the few factors creating a lucrative opportunity for the growth of the automotive hypervisor market in the Asia-Pacific region.

Major market player included in this report are:

Continental AG
Renesas Electronics Corporation
NXP Semiconductor N.V.
Wind River System Inc.
Green Hills Software LLC
Sasken Technologies Limited
Mentor Graphics Corporation
Viston Corporation
Infineon Technologies AG
Sysgo AG

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 Type:

Type 1 Hypervisor

Type 2 Hypervisor

By Vehicle Type:

Passenger Cars

Commercial Vehicles

By Mode of Operation:

Autonomous Vehicle

Semi-Autonomous Vehicle

By End-User:

Economy Vehicles

Mid-Priced Vehicle

Luxury Vehicles

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global Automotive Hypervisor 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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COMPANIES MENTIONED

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Renesas Electronics Corporation
NXP Semiconductor N.V.
Wind River System Inc.
Green Hills Software LLC
Sasken Technologies Limited
Mentor Graphics Corporation
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