

# Multi-domain Controller - Global Market Outlook (2017-2026)

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## **Abstracts**

According to Stratistics MRC, the Global Multi-domain Controller Markets accounted for \$1.04 billion in 2017 and is expected to reach \$8.77 billion by 2026 growing at a CAGR of 26.7% during the forecast period. Development of Autonomous Vehicles, Increasing Complexity of Electrical-Electronic Architecture in Modern Vehicles and Government Regulations Related to Vehicle Safety are the key driving factors for the market growth. However, Non-Availability of Skilled Labor for High-Speed Communication Links and Automotive Storage, High Entry Barriers for Startups and Product and Integration Complexity at Manufacturer's End the factors hindering the market growth.

On Microsoft Servers, a domain controller is a server computer that responds to security authentication requests such as logging in, checking permissions etc, within a Windows domain. A domain is a concept introduced in Windows Network whereby a user may be granted access to a number of computer resources with the use of a single username and password combination.

Based on Bit Size, the 128-bit segment accounted for considerable market share during the forecast period as the industry moves toward the new priority of manufacturing self-driving cars and environment-friendly vehicles. The 128-bit MDCs have the highest bit rate and are hence the most suitable for ADAS and safety functions as they can respond the quickest. These MDCs will start gaining momentum in the near future (within 5-8 years) due to the increasing adoption of autonomous vehicles. By geography, Asia Pacific is expected to be the largest region in the multi-domain controller market during the forecast period. The Asia Pacific comprises emerging economies, such as China and India, along with developed nations, such as Japan, and is the largest market for automobiles. In recent years, the region has emerged as a hub for automobile production. Infrastructural developments and industrialization in the



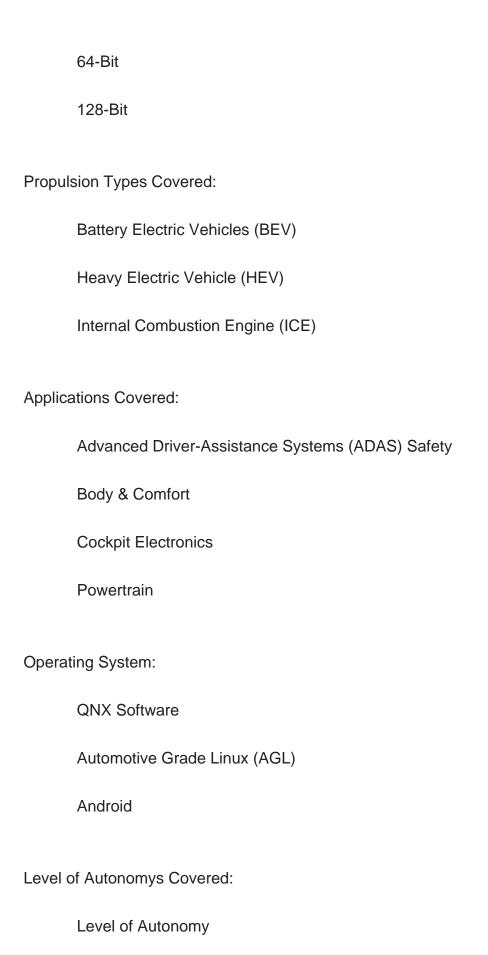
emerging economies have opened new avenues, creating several opportunities for automotive OEMs. To gain a competitive advantage in the market, OEMs are offering advanced applications such as HMI, keyless entry, and an auto-park assist among others, which naturally increases the number of ECUs in vehicles.

Some of the key players profiled in the Multi-Domain controllers Market include Analog Devices Inc, Aptiv PLC, Autoliv Inc, Broadcom, Cisco, Continental AG, Denso Corporation, Elmos Semiconductor, Faurecia, Harman International, Hitachi Ltd, Infineon Technologies, Intel, Lear Corporation, Magna International Inc, Magneti Marelli Spa, Maxim Integrated, Melexis, Microchip, Mitsubishi Electric Corporation, Nvidia Corporation, NXP Semiconductors, ON Semiconductor, Panasonic Corporation, Qualcomm, Robert Bosch GmbH, Rohm Semiconductor, Sasken Technologies Ltd, STMicroelectronics Nv, Texas Instruments, Toshiba, Valeo, Vector Informatik, Visteon Corporation, Xilinx, and ZF Friedrichshafen AG.

Corporation, Allinx, and 21 Theanon Indian 7.0.
Vehicle Types Covered:
Heavy Commercial Vehicles
Light Commercial Vehicles
Passenger Cars
Bus Types Covered:
Can & Can Fd
Ethernet
Flexray
Local Interconnect Network (LIN )
Bit Sizes Covered:

32-Bit





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**Autonomous Vehicles** 



# Semi-Autonomous Vehicles

Regions Covere	ed:
North A	merica
ι	JS
(	Canada
ľ	Mexico
Europe	
(	Germany
l	JK
I	taly
F	- rance
\$	Spain
F	Rest of Europe
Asia Pa	cific
	Japan
(	China
I	ndia
,	Australia

New Zealand



	South Korea
	Rest of Asia Pacific
S	outh America
	Argentina
	Brazil
	Chile
	Rest of South America
N	liddle East & Africa
	Saudi Arabia
	UAE
	Qatar
	South Africa
	Rest of Middle East & Africa
What our	report offers:
N	larket share assessments for the regional and country level segments
S	trategic recommendations for the new entrants
	larket forecasts for a minimum of 9 years of all the mentioned segments, sub egments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges,

Investment Opportunities, and recommendations)



Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

## Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances



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NOTE: Tables for North America, Europe, Asia Pacific, South America, Middle East & Africa are represented in the same manner above.



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