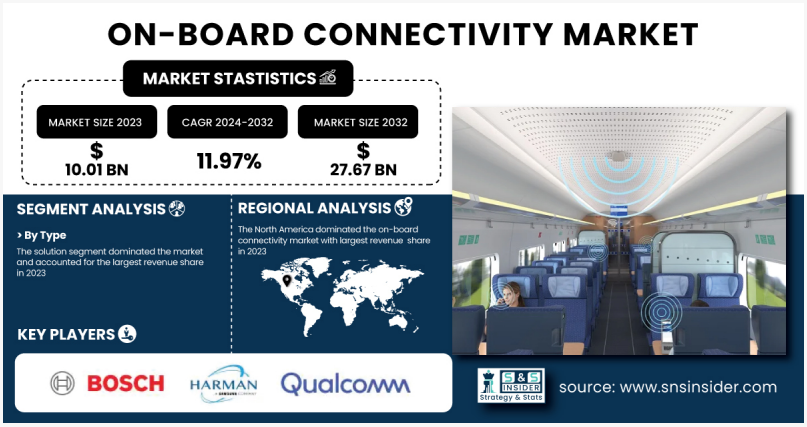
On-board Connectivity Market Size to Surpass USD 27.67 Billion by 2032 | SNS Insider

The On-board Connectivity Market is growing rapidly, fueled by the rising integration of seamless connectivity in transportation, especially vehicles



On-board-Connectivity-Market

AUSTIN, TX, UNITED STATES, February 12, 2025 /EINPresswire.com/ -- The On-board Connectivity Market size was USD 10.01 Billion in 2023 and is expected to reach USD 27.67 Billion by 2032, growing at a CAGR of 11.97% over the forecast period of 2024-2032.

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Keyplayers:
Qualcomm – Snapdragon Automotive Connectivity Platform
Intel – Automotive 5G Telematics Solutions
Harman International (Samsung) – Harman Ignite Platform
Robert Bosch GmbH – Connected Vehicle Cloud Services
Panasonic Corporation – Panasonic Automotive Connectivity Solutions
Continental AG – Telematics Connectivity Module (TCM)
Valeo – Valeo Smart Connectivity Module
Denso Corporation – Denso V2X (Vehicle-to-Everything) Communication System
Sierra Wireless – AirPrime Embedded Modules for Automotive Connectivity
ZF Friedrichshafen AG – ZF ProConnect Connectivity Platform
NXP Semiconductors – Automotive Connectivity Solutions for V2X
AT&T – AT&T Connected Car Platform
Vodafone Group – Vodafone Automotive IoT Telematics Solutions
Ericsson – Connected Vehicle Cloud
Verizon – Hum by Verizon (Connected Car Service)
Huawei Technologies – Huawei 5G-V2X Connectivity Solutions
Gemalto (Thales Group) – Cinterion IoT Modules for Automotive Connectivity

Renesas Electronics – Renesas V2X Communication Solutions
LG Electronics – Automotive Communication and Infotainment Solutions
Tesla, Inc. – Tesla In-Car Connectivity and OTA (Over-the-Air) Updates

By Type, Solution Segment Leads, While Service Segment Poised for Highest Growth in On-board Connectivity Market
The Solution segment dominated the market in 2023, accounting for the largest revenue share. This dominance is attributed to the increasing integration of in-car Wi-Fi, 5G connectivity, and V2X communication systems, which enable seamless connectivity within vehicles for navigation, entertainment, and safety. The solution segment will continue to lead the market due to the rising adoption of IoT devices in vehicles and the growing demand for advanced driver assistance systems (ADAS).

The Service segment is expected to register the highest CAGR during the forecast period. This growth is driven by the increasing demand for managed services, maintenance, cloud-based services, and OTA updates essential for the smooth operation of connected vehicles.

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By Industry, the Transportation Segment Dominates, While the Entertainment Segment Set for the Fastest Growth in the On-board Connectivity Market
The Transportation segment led the On-board Connectivity Market in terms of both revenue and volume in 2023. This is primarily due to the growing demand for connected cars, electric vehicles (EVs), and self-driving cars, all of which rely heavily on advanced connectivity solutions for navigation, infotainment, and safety systems. The increasing adoption of IoT technologies, regulatory frameworks for vehicle safety, and the need for high-speed connectivity solutions are all contributing factors to the growth of this segment.

The Entertainment segment is projected to register the highest CAGR during the forecast period. With the increasing consumer demand for media consumption and real-time streaming while on the go, connected vehicles now provide new forms of internet connectivity that allow passengers to enjoy movies, music, and gaming.

By Region, North America Leads On-board Connectivity Market, While Asia-Pacific Set for Fastest Growth
North America dominated the On-board Connectivity Market in 2023, holding the largest revenue share. This is primarily due to the high demand for connected vehicles, technological advancements, and a mature automotive infrastructure, particularly in the United States. The U.S. is a leader in the development and adoption of in-car connectivity solutions, including Wi-Fi, navigation, and V2X communication. These factors have contributed to strong consumer expectations for connected car features and the significant involvement of key automotive and technology players in research and development.
The Asia-Pacific region is expected to experience the highest growth rate (CAGR) throughout the

forecast period. This is attributed to the rapid development of 5G technology, rising production of automobiles, and growing consumer demand for digital services across the region.

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