

Controller Area Network (CAN) Open Products And Solutions Market Growth Rate Expected To Reach 7.9% CAGR By 2030

The Business Research Company's Controller Area Network (CAN) Open Products And Solutions Global Market Report 2026 – Market Size, Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, September 8, 2026 /EINPresswire.com/ -- The controller area network (CAN) open products and solutions market has been gaining traction in recent years, driven by advances in automotive and industrial sectors. As embedded electronic control units become more prevalent and industries focus on automation and connectivity, this market is set for sustained expansion. Let's explore the current market size, growth drivers, key regional dynamics, and future trends shaping this sector.

Steady Market Growth Forecast for Controller Area Network (CAN) Open Products and Solutions

The market for CAN open products and solutions has witnessed impressive growth historically and is expected to continue this momentum. From a valuation of \$0.82 billion in 2025, it is projected to reach \$0.89 billion by 2026, reflecting a compound annual growth rate (CAGR) of 7.7%. Factors contributing to past growth include challenges related to limited interoperability between electronic control systems, increased adoption of embedded electronic control units in vehicles, expansion in industrial automation and machine control, rising demand for reliable vehicle communication networks, and the early standardization of communication protocols in manufacturing.

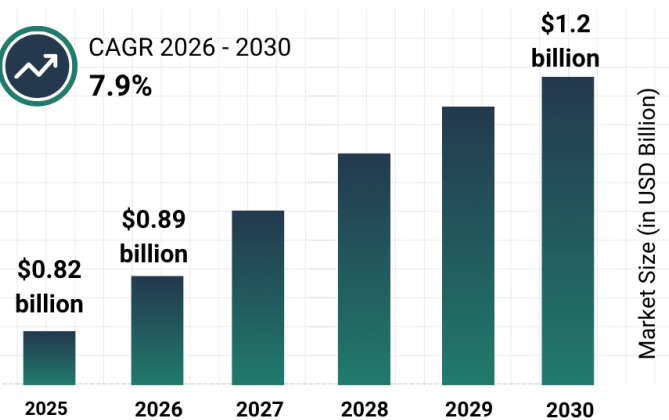
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CAGR 2026 - 2030
7.9%



Controller Area Network (CAN) Open Products And Solutions Market Size

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Looking ahead, the controller area network (CAN) open products and solutions market is forecasted to grow even more vigorously, reaching \$1.2 billion by 2030 with a CAGR of 7.9%. This uptrend is driven by the evolving complexity of electric and autonomous vehicle architectures, expansion of industrial automation networks, growing emphasis on smart manufacturing and connected factories, heightened focus on cybersecurity within industrial communications, and the integration of AI-powered diagnostics in embedded networks. Key trends expected to influence the market include the increasing use of standardized protocols facilitating interoperable embedded systems, rising demand for real-time diagnostics and predictive maintenance, wider implementation of CAN-based systems in electric and hybrid vehicles, growth of distributed electronic control architectures in automation, and the adoption of edge-based communication for low-latency device control.

Understanding Controller Area Network (CAN) Open Products and Solutions

Controller area network (CAN) open products and solutions encompass hardware, software, and integrated platforms designed to enable communication between electronic control units (ECUs) through the CAN protocol within distributed embedded systems. These solutions offer standardized and interoperable communication frameworks that support real-time data exchange, diagnostics, and control across interconnected electronic devices. Built to provide reliable, high-speed, and fault-tolerant communication, they are essential for managing complex networked architectures in automotive, industrial, and other embedded environments.

View the full controller area network (can) open products and solutions market report:

https://www.thebusinessresearchcompany.com/report/controller-area-network-can-open-products-and-solutions-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

The Growing Role of [Industrial Automation in Market](#) Expansion

One of the primary drivers behind the growth of the controller area network (CAN) open products and solutions market is the rising adoption of industrial automation. This approach utilizes control systems, computing technologies, and machinery to automate industrial processes, minimizing the need for human intervention. By improving operational efficiencies, reducing errors, and enhancing production speeds, industrial automation is transforming manufacturing and other sectors. CAN open products and solutions play a crucial role by enabling dependable, real-time communication between machines and control units, thereby improving coordination, boosting system efficiency, and enhancing process accuracy within

automated setups.

Increasing Industrial Robot Installations Highlight Market Potential

Supporting this growth trend, data from September 2025 by the International Federation of Robotics—a Germany-based non-profit organization—shows that industrial robot installations reached 542,000 units in 2024, with the operational stock climbing to 4.664 million units worldwide. This surge in automation machinery underscores the increasing reliance on robust communication networks like those based on controller area network (CAN) open products and solutions, which facilitate seamless interaction among automated systems.

Regional Overview Reveals North America's Lead and Asia-Pacific's Rapid Growth

In 2025, North America held the largest share of the controller area network (CAN) open products and solutions market. However, the Asia-Pacific region is anticipated to be the fastest-growing market throughout the forecast period. The market report covers key geographies including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of regional growth patterns and opportunities.

Our 2026 market reports now include enhanced strategic insights through:

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