

Which company makes the best industrial-grade network switches for transportation



AI Overview

Top companies for industrial-grade network switches in transportation include Omnitron Systems, Moxa, Cisco, Siemens, and Phoenix Contact, known for reliability, redundancy, and harsh-environment performance. Leading Manufacturers

1. Omnitron Systems Technology, Inc. Based in Irvine, California, Omnitron produces industrial Ethernet switches, media converters, and network interface devices. Their switches are designed for mission-critical applications, offering robust fiber connectivity and high reliability in transportation networks.
2. Moxa Moxa is a global leader in industrial networking, providing switches optimized for transportation, energy, and manufacturing sectors. Their products support redundant power supplies, fast-recovery ring protocols, and cybersecurity features, making them ideal for Intelligent Transportation Systems (ITS) deployments.
3. Cisco Systems, Inc. Cisco offers a wide range of industrial Ethernet switches with advanced management, security, and redundancy features. Their switches are widely adopted in transportation networks due to high reliability, scalability, and integration with IoT and smart city infrastructure.
4. Siemens AG Siemens provides industrial-grade switches known for durability in harsh environments and integration with industrial automation and IoT systems. Their products are particularly strong in Europe and Asia-Pacific transportation networks, supporting Industry 4.0 initiatives.
5. Phoenix Contact Phoenix Contact manufactures rugged Ethernet switches designed for extreme temperatures, vibration, and electromagnetic interference, making them suitable for roadside and tunnel installations in transportation systems.

Key Features for Transp...

Article Content

Managed Industrial Ethernet Switches | Rugged DIN Rail Switch

Specifically designed to connect devices in network environments that are subject to extreme operating temperatures of -40°C to 75°C, vibrations, and shocks, Perle has over 516 models of Managed

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35 Ethernet Switch Manufacturers in 2026 This section provides an overview for ethernet switches as well as their applications and principles. Also, please take a look at the list of 35 ethernet switch

Layer 3 Managed Switches

We offer toughened industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for rail applications, IEC 61850-3 for

Choose the Right Ethernet Switches for Your Network | Moxa

We offer a broad range of industrial Ethernet switches to connect your networks from edge to core. Our switches excel in extreme conditions (-40 to 75°C) and feature IEC 62443 based security to provide

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This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look at the list of 19 industrial ethernet switch manufacturers and their

Industrial Ethernet Switches

With extensive experience supporting standards and requirements in rail, energy, utilities, road infrastructure and other industrial sectors, we help you select the right industrial Ethernet switch for

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19 Industrial Ethernet Switch Manufacturers in 2026 This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look at the list of 19

Networking Products and Solutions

Industrial networking Industrial-grade networking bridging IT and OT, built on the same platform as campus and branch, with ruggedized capabilities for factory,

Top Leading Companies in Industrial Ethernet Switch Market

Overview: Cisco is a global technology leader renowned for its cutting-edge networking solutions. The company plays a pivotal role in the industrial Ethernet switch market, providing robust

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Industrial Ethernet Switches

Built to endure the demanding conditions of factories, transportation infrastructure, grid substations, and other harsh environments, Cisco Industrial Ethernet switches come in a wide range of form factors to

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Best Ethernet Switches for Business (2025): Selection

Selecting the right Ethernet switch for your business network is critical to ensuring optimal performance, security, and scalability while avoiding costly

Top Leading Companies in Industrial Ethernet Switch Market

Top 10 Leading Companies in the Market Cisco Systems Overview: Cisco is a global technology leader renowned for its cutting-edge networking solutions. The company plays a pivotal

Industrial Ethernet Switches for Intelligent

This buyer's guide covers what makes an industrial Ethernet switch suitable for ITS, how managed and unmanaged models compare, the key features to evaluate,

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Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are an excellent choice for industrial environments, including intelligent transportation systems, utilities, and smart cities. Full redundant ring technology creates fault-

RUGGEDCOM | Siemens

RUGGEDCOM offers Ethernet Layer 2 rack and compact switches, Layer 3 routers and multi-service platforms, media converters, serial device servers, software,

Randex | Automated Storage & Retrieval Systems

UK suppliers of automated vertical lifts, mobile shelving, compact storage and office filing systems. Maximise space, optimise retrieval.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.araziyahsafety.co.za>

Email: info@araziyahsafety.co.za

Phone: +27 72 418 3692

Address: 123 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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