

Columbia Industrial Gigabit Switch Brand



Overview

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE, IEC 61850 certification, and for DIN rail mounting.

Key Takeaways

Columbia manufactures industrial gigabit Ethernet switches, including the GL900 model with PoE+ support and AVB/TSN protocol stack.

Columbia Industrial Switches

Columbia offers the GL900, a manageable gigabit Ethernet switch featuring 9 ports (4 PoE+), supporting 1000BASE-T connections and AVB/TSN protocol stack for time-sensitive networking applications. This switch is designed for industrial environments, providing reliable connectivity for automation, control systems, and other industrial applications. Columbia switches are suitable for scenarios requiring PoE power delivery, network segmentation, and robust performance under demanding conditions.

Other Industrial Gigabit Switch Manufacturers

If you are exploring alternatives or additional suppliers, several leading manufacturers provide industrial-grade gigabit switches: Cisco: Offers a wide range of industrial Ethernet switches with full gigabit ports, PoE options, high resilience, and advanced security features. Cisco switches are designed for harsh environments like factories, transportation infrastructure, and substations, supporting AI-ready and time-sensitive networking. Moxa: Provides managed and unmanaged industrial Ethernet switches, including PoE and EN 50155-certified models for rail applications.

Moxa switches support multiple industrial protocols such as PROFINET, Modbus, and EtherNet/IP, and are designed for network redundancy, security, and easy field management. Phoenix Contact: Offers managed and unmanaged gigabit switches with PoE, IEC 61850 certification, and DIN rail mounting. Their portfolio includes ruggedized switches for extreme temperatures and IP-rated enclosures, suitable for critical infrastructure and industrial automation.

Considerations for Selection

When choosing a gigabit industrial switch, consider: Port count and PoE requirements: Ensure the switch supports the number of devices and power needs. Environmental ratings: Look for IP protection, temperature range, and vibration resistance. Protocol support: For industrial automation, support for TSN, PROFINET, Modbus, or EtherNet/IP may be required.

Management features: Managed switches allow VLANs, QoS, and redundancy protocols for reliable network operation. Columbia's GL900 is a solid option for industrial gigabit networking, and other manufacturers like Cisco, Moxa, and Phoenix Contact provide additional choices depending on specific industrial requirements and certifications.

Article Content

Industrial Ethernet Switches

Our managed Ethernet switches, fiber switches, and router switches provide fast Ethernet and gigabit combo ports as well as numerous network protocols, such as SNMP, PROFINET, and EtherNet/IP,

Industrial Ethernet Switches | Phoenix Contact

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Ethernet Switches

Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network redundancy, strengthened security, easy management, and competitive price-to

All Industrial Switch Products

Ruijie offers next-generation industrial Ethernet switches designed for harsh industrial environments, providing flexible full-gigabit access as well as 10GE uplink ports, and supporting a wide operating

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

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

Best Ethernet Switches for Business (2025): Selection

Whether you need a plug-and-play device or an advanced managed PoE+ switch, router-switch offers a comprehensive range of options from trusted

Ethernet Switches

Our broad portfolio of secure, simple, and scalable Ethernet switches is ideal for the campus, SD-Branch, and data center. The new FortiSwitch 600 and 2000 expand Fortinet's secure, simplified,

Industrial Ethernet Switches with 8/16/24 Ports for

FS Industrial Ethernet Switches with robust design for harsh industrial and outdoor environments subject to vibrations, shocks and extreme temperature fluctuations

Finding the best network switch: 12 top brands for 2025

Looking for the best network switch? Compare top brands for performance, security, and scalability. Find the right switch to keep your business running fast.

Industrial Ethernet Switches | Industrial Network Switch | Perle

Industrial-grade Ethernet Switches are specifically designed to connect devices in network environments that are subject to extreme operating temperatures of -40°C to 75°C, vibrations, and shocks. They

The best network switch of 2025 | TechRadar

The best network switch will be a necessity for anyone looking to add more wired connections and gain greater network speeds.

9 Best Network Switches for 2024: Speed and Features Compared

Network switches can increase your network's connectivity speeds, give you access to more ports, and cut your infrastructure costs. Find the right switch for you.

8-Port Industrial Network Switch, Gigabit, Unmanaged, DIN Mount

Unmanaged 8-port Gigabit Ethernet switch is designed to expand connectivity in harsh environments, including factories, warehouses and construction sites.

Cisco IE3500 Rugged Series switches

Cisco IE3500 Rugged Series switches provide the foundation for industrial AI-ready operations by establishing a scalable, low-latency, secure network.

8-Port Industrial Gigabit Ethernet Switches | IDS-106GE | Perle

IDS-106GE unmanaged gigabit switches with RJ45 and SFP ports support QoS prioritized messages for automation and control systems using EtherNet/IP or PROFINET.

2025's Best 8-Port Gigabit PoE Switches for Industrial

In particular, 8-port Gigabit PoE switches have become extremely popular, because they are capable of offering the perfect balance between

Industrial 8-Port Gigabit Ethernet Plus Switch with 2x10G

Industrial 8-Port Gigabit Ethernet Plus Switch with 2x10G SFP+ and 4x1.2.5G SFP, 10/100/1000Mbps, DIN Rail Mount Unmanaged Ethernet Fiber Switch

Industrial Ethernet Switches

Advantech's Industrial Ethernet solution each provides options for managed/unmanaged Ethernet Switches and Ethernet Converters (Ethernet Adapters), varying from Fast Ethernet to Gigabit port

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Technical inquiry: <https://ensaa.es/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

