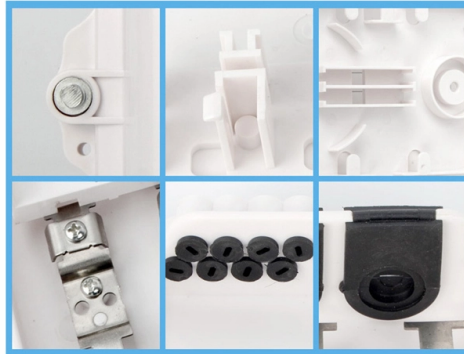


Industrial-grade high-speed switches



AI Overview

High-speed industrial switches provide robust, low-latency connectivity for harsh environments, supporting speeds up to 10G and advanced features like PoE, redundancy, and industrial protocol compatibility.

Cisco Industrial Switches Cisco offers a range of modular and compact industrial switches with 10-GE uplinks, high-wattage PoE options, and ultra-low jitter for industrial AI and automation applications. These switches support advanced security features such as Cisco TrustSec for microsegmentation and can be managed via Cisco Catalyst Center or Meraki. Ruggedized models like the IE3500 Rugged Series and Catalyst IE9300 Rugged Series are designed for extreme environments and support device-to-cloud performance monitoring, making them suitable for industrial automation, smart manufacturing, and critical infrastructure deployments.

FS Industrial Switches FS provides Layer 2, Layer 2+, and Layer 3 industrial switches with speeds up to 10G, including models like the IES3110-8TF-R. These switches feature fanless heat dissipation, IP30-IP41 protection ratings, and wide operating temperature ranges (-40°C to 85°C), ensuring reliability in harsh conditions. FS switches also support PoE with high-power budgets, M12 ports for rugged connectivity, and industrial protocols such as Profinet and Modbus, making them ideal for factory automation, smart grids, and transportation systems.

Extreme Networks ISW Series The Extreme Industrial Switches (ISW Series) are ruggedized Layer 2 switches designed for extended temperature ranges and harsh industrial environments. They offer flexible PoE options (up to 90W per port), full redundant ring technology for high availability, and Fabric Attach for zero-touch provisioning in virtualized networks. These switches are suitable for intelligent transportation systems, utilities, and smart city applications, providing continuous uptime and efficient management of industrial IoT devices.

Key Features to Consider High-speed ports: 1G, 2.5G, 10G uplinks for large data transfers. PoE suppo...

Article Content

Industrial Switches | Industrial Ethernet Switches | Antaira

Industrial Ethernet Switches Antaira offers a variety of industrial Ethernet switches, including industrial-grade network switches, DIN mount switches, and Ethernet switchboards, that can perform efficiently

Ethernet Switches

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

High-Performance Industrial Ethernet Switches for

High-performance Managed & Unmanaged Industrial Switches with PoE, Layer-3 routing, industrial-grade components, and long-distance fiber networking for

Industrial Ethernet Switches | Industrial Network Switch

Industrial-grade Ethernet Switches are specifically designed to connect devices in network environments that are subject to extreme operating temperatures of

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

QSW-IM1200-8C | Industrial-grade Fanless full 10GbE

The rugged 12-Port 10GbE Managed Switch QSW-IM1200-8C has four 10GbE SFP+ fiber ports, eight 10GbE SFP+/RJ45 combo ports, and supports Layer 2

Industrial Network Switches

Industrial network switches are essential components for maintaining robust and efficient communication within industrial environments. Designed to withstand harsh conditions, these switches ensure

Industrial Ethernet Switch KSwitch | Kontron

Industry 4.0 and IIoT are driving the adoption of standardized connectivity solutions across industrial environments. The Kontron KSwitch product family represents a

How to pick the right Industrial Ethernet Switch for

Industrial Ethernet switches are comprised of managed and unmanaged switches with Gigabit, PoE, and various industry certifications. Featured industrial-grade

Tp-link optical module is the real king! 20km gigabit single ...

For network administrators stuck with fiber distance limitations, geeks toiling until 3 am with self-built nas setups, and it pros constantly wrestling with loose ports due to repeatedly plugging

Industrial Ethernet Switches | Phoenix Contact

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

Cisco DIN Rail Industrial Switches At-a-Glance

Explore the latest Cisco Catalyst IE3x00 Rugged Series Switches at-a-glance for industrial networking.

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

How to Select Industrial-Grade Switches Based on Port

Learn how to choose industrial-grade switches by port count, PoE budget and data speed for reliable and efficient industrial networking.

QSW-IM3216-8S8T | Industrial-grade, full 10GbE 16

Designed for harsh industrial environments, the QSW-IM3216-8S8T high-speed switch features a fanless IP20-rated enclosure with a redundant DC 9-54V power

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

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

Industrial Ethernet Switches

With high-speed 10-GE uplinks, high-wattage PoE options, ultra-low jitter, advanced network security features, and device-to-cloud performance monitoring with the Cisco ThousandEyes agent, these

Industrial Ethernet Switches | WAGO

Industrial Switches WAGO's switch portfolio provides scalable Ethernet network infrastructure with excellent electrical and mechanical performance. These

Cisco IE3500 Heavy Duty Series Data Sheet

The Cisco IE3500 Heavy Duty Series (IE3500H) switches deliver

Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are a family of ruggedized Layer 2 switches designed to operate under harsh environments and extended temperature conditions. They provide continuous uptime,

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-

Durable Industrial Switches

The DIS switches are designed to easily handle hot and cold temperature variances,* and can cold start at their coldest temperatures. With superior

Contact Us

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