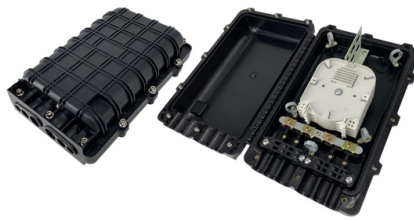


Gigabit Ethernet Switches Industrial Grade



Article Overview

Industrial-grade Gigabit Ethernet switches provide reliable, high-speed connectivity with PoE, redundancy, and robust protection for harsh environments.

Key Features

1. Gigabit Connectivity: Industrial switches support full Gigabit Ethernet (10/100/1000 Mbps) on copper and fiber ports, ensuring high-speed data transfer for time-sensitive industrial applications (Cisco, Phoenix Contact, Advantech) . 2. Managed vs. Unmanaged:

- Managed switches offer advanced features such as VLANs, QoS, network monitoring, redundancy protocols, and security controls (Moxa, WAGO) .
- Unmanaged switches provide plug-and-play connectivity for simpler networks without configuration requirements (Phoenix Contact, Advantech) . 3. Power over Ethernet (PoE): Many industrial switches provide PoE or PoE+ (up to 90W per port) to power devices like IP cameras, sensors, and access points directly through Ethernet cables (Cisco, WAGO, Phoenix Contact) . 4. Redundancy and Reliability: Industrial switches often include redundant power inputs, ring or mesh network protocols, and rapid recovery times (

Article Content

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Layer 3 Managed Switches

Moxa's Layer 3 managed switches feature industrial-grade reliability, multicast availability, and security enhancements based on the

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Durable Industrial Switches

D-Link's Industrial Switches have industrial-grade resilience to maintain your network uptime despite

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Gigabit Switches | Industrial Ethernet Switch | EtherWAN

EtherWAN's gigabit industrial Ethernet switches provide high port density, and are an economical solution for applications with high

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How should I choose an industrial grade Ethernet switch?

In modern industrial automation, Industrial Ethernet Switches (IES) have become a key component. Correctly selecting

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Industrial Ethernet Switches | Gigabit, PoE, Fast Ethernet

Brainboxes offers a comprehensive range of rugged Industrial Ethernet Switches designed to deliver

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Industrial Ethernet Switches | Filter and Search Products

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

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Industrial Grade 5P Gigabit Ethernet Switch, IEEE

Industrial grade 5P Gigabit Ethernet switch, IEEE 802.3x-compliant full-duplex 10/100/1000M connection,

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Industrial Ethernet Switches

Our managed Ethernet switches, fiber switches, and router switches provide fast Ethernet and gigabit

May 19, 2026

16-Port Managed Industrial Gigabit Ethernet Switch | Eaton

Expand your Gigabit Ethernet network into harsh environments, such as mines and construction sites, with this 16-port Lite Managed

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Layer 2 Managed Switches

Moxa's Layer 2 managed switches feature industrial-grade reliability, network redundancy, and security features based on the IEC

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Durable Industrial Switches

With Gigabit Ethernet, rapid failover, powerful security, and certifications for vibration, shock, and free-fall, these rugged switches

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10 Gigabit Ethernet Switches | 10GbE Ethernet Switches | EtherWAN

Unlock next-level performance with EtherWAN's industrial 1G and 10G Ethernet switches —engineered for high-density deployments

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Industrial Grade 5P Gigabit Ethernet Switch, IEEE 802.3x

Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are an excellent choice for industrial environments, including intelligent transportation systems, utilities,

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Industrial Switches

10-Port Industrial Gigabit L2 Managed DIN-Rail Switch TI-G102i (Version v1.6R) MORE INFO FIND RETAILERS Add to cart

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Industrial Ethernet Switches | Phoenix Contact

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE, IEC 61850 certification,

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Industrial Ethernet Switches Antaira offers a variety of industrial Ethernet switches, including industrial-grade network switches, DIN

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Industrial Gigabit Managed Switch 4-Port 802.3at PoE

Designed to be installed in heavy industrial demanding environments, the IGS-4215-4P4T2S is the new

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Industrial Power over Ethernet

PLANET Technology offers a range of Industrial Power over Ethernet solutions, including managed and unmanaged switches,

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How to pick the right Industrial Ethernet Switch for

Industrial Ethernet switches are comprised of managed and unmanaged switches with Gigabit, PoE, and

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Industrial Ethernet Switches | Eaton

Tripp Lite's industrial-grade network switches expand Gigabit Ethernet connectivity to factory floors and other environments with

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Industrial Grade Ethernet Switches -

Discover what industrial grade Ethernet switches are, their unique features, real-world applications, key differences

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5-Port Managed Industrial Gigabit Ethernet Switch, -40° to 75°C, DIN ...

Fully managed 5-port switch with SFP slot expands your Gigabit Ethernet network in harsh environments, including construction

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Cisco Industrial Ethernet 4000 Series Switches Data Sheet

Developed specifically to withstand the harshest industrial environments, these switches

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NGI-M08POE8-L2 | Eaton Tripp Lite series managed industrial ethernet ...

8-Port Managed Industrial Gigabit Ethernet Switch - Layer 2, 1 Gbps, PoE+ 30W, -40° to 75°C, DIN Mount, TAA PoE+ ports deliver

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Ethernet Switches

Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network

Dec 07, 2025

Best Industrial Gigabit Ethernet Switches for Rugged Networking

When deploying networks in industrial environments, you need switches that endure harsh conditions while delivering reliable, high

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5-Port Gigabit Ethernet Switch | Industrial LNK-IMC005G

Mini Industrial 5-Port Gigabit Ethernet Switch 12-48V DC IP40 - LNK-IMC005G
Overview The LNK

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Mini Industrial 5-Port Gigabit Ethernet Switch

ELECTRO MAGNETIC COMPLIANT & Surge Protection – Industrial DIN-rail switch
complies with CE EN

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Tripp Lite series 8-Port Unmanaged Industrial Gigabit

Unmanaged 8-port Gigabit Ethernet switch is designed to expand connectivity in harsh environments,

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Best Industrial Gigabit Ethernet Switches for Rugged Networking ...

This article highlights five robust industrial gigabit ethernet switches designed for DIN rail mounting, harsh conditions,

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Industrial Ethernet Switches

Industrial Ethernet switches offer Gigabit transmission speeds, various connection options, and are built to withstand extreme

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