

Gigabit Industrial-Grade Ethernet Switches



Overview

Industrial Ethernet Switches Built for diverse industrial applications, these switches feature all-gigabit, high-density, all-copper or mixed Gigabit Switch.

Key Takeaways

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

Industrial Ethernet Switches

Built for diverse industrial applications, these switches feature all-gigabit, high-density, all-copper or mixed

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

Industrial Ethernet Switches | Eaton

Thoughtful features such as DIN rail mounting, Power over Ethernet (PoE) ports and rugged metal cases make these switches a

Industrial PoE Switches | PoE Industrial Switch

An industrial PoE Gigabit Ethernet Switch can deliver high-speed voice and data transmission while powering endpoint devices over

Industrial Ethernet Switches | Phoenix Contact

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

16-Port Managed Industrial Gigabit Ethernet Switch | Eaton

16-Port Smart Gigabit Ethernet Switch Connects Your Network Devices to a LAN This Lite Managed switch transmits data over a

Industrial Ethernet Switches

Advantech's industrial Ethernet switch solutions provide an abundance of options, including Gigabit Ethernet switches.

Unmanaged Industrial Ethernet Switches | Rugged DIN Rail Switch

Unmanaged Industrial Ethernet Switches Compact DIN Rail Switches Industrial-grade Unmanaged Switches are "plug & play"

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

Industrial Ethernet Switches | Eaton

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

Amazon : Industrial Ethernet Switch

Industrial Ethernet Switch, 6-Port Gigabit Ethernet Switch Hardened, 1000Mbps, 4*1 RJ45 Uplink+1 SFP Port, Din Rail & Wall

Ethernet Switches

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

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