

## 5-Port Gigabit Switch Industrial Grade



### AI Overview

Industrial 5-port Gigabit Ethernet switches provide reliable, high-speed connectivity in harsh environments, with options for managed or unmanaged operation, wide temperature tolerance, and rugged mounting. Key Features of Industrial 5-Port Gigabit Switches

- 1. Managed vs Unmanaged:** Managed switches like the Tripp Lite NGI-M05-C1 allow configuration of QoS, IGMP snooping, SFP uplinks, and browser-based management, ideal for complex industrial networks requiring traffic control and monitoring. Unmanaged switches such as the LNK-IMC005G or Brainboxes SW-515 provide plug-and-play operation with no configuration needed, suitable for simpler setups where reliability and speed are the priority.
- 2. Temperature and Environmental Tolerance:** Industrial switches operate in extreme temperatures, typically from  $-40^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$  or  $+80^{\circ}\text{C}$ , and are resistant to vibration, shock, and free fall. Aluminum or ruggedized enclosures (IP30-rated) protect against mechanical stress and environmental hazards.
- 3. Power Supply and Redundancy:** Many models support wide voltage ranges (e.g., 12–48V DC or 5–36V DC) and dual/redundant power inputs to maintain operation during power dips or failures. Terminal block or screw terminal connections simplify wiring in industrial settings.
- 4. Connectivity and Performance:** All five ports support 10/100/1000 Mbps Gigabit Ethernet, often with auto-negotiation and MDI/MDI-X crossover detection for plug-and-play functionality. Some switches include SFP slots for fiber uplinks, enabling long-distance or high-speed network expansion. High-performance models like the SW-515 can sustain near-full line rate across all ports with negligible frame loss, even under maximum load.
- 5. Mounting Options:** Compact designs allow DIN rail or wall mounting, saving space in control cabinets or factory floors.
- 6. Certifications and Reliability:** Industrial switches are often CE and FCC certified and undergo burn-in testing to ensure long-term reliability. Features like MAC address auto-learning, flow control, and over-volt...

## Article Content

### 5-Port Managed Industrial Gigabit Ethernet Switch, -40°

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

### Industrial Grade 5P Gigabit Ethernet Switch, IEEE

Onboard switch chip, 5x ports 10/100/1000M non-blocking switch architecture Full-duplex 10/100/1000M support for each port (the half-duplex 100M connection is

### Mini Industrial 5-Port Gigabit Ethernet Switch

Industrial Grade Quality – The Hardened Mini Gigabit Switch use industrial grade components and aluminum housing, it can work at wide range temperature

### 5-Port Managed Industrial Gigabit Ethernet Switch

This space-saving switch transmits data over a Gigabit Ethernet network. Five auto-negotiating 10/100/1000 Mbps ports send data via Cat5e/6/6a cable only to the devices designated to receive it,

### Support Documents and Downloads

Search technical documentation and downloads including firmware and drivers.

### 5-Port Gigabit Ethernet Switch | Industrial LNK-IMC005G

Offering a cost-effective and robust connectivity solution, this industrial-grade switch is ideal for use in industrial automation, intelligent transportation, and other mission-critical applications where network

### 5-Port Industrial Switch, Unmanaged, EIP QoS, DIN,

Unmanaged 5-port Gigabit Ethernet switch with EIP QoS expands connectivity in harsh environments, including factories, warehouses and construction sites.

### Unmanaged Industrial Ethernet Switches | Rugged DIN Rail Switch

Unmanaged Industrial Ethernet Switches Compact DIN Rail Switches Industrial-grade Unmanaged Switches are "plug & play" devices specifically designed to connect equipment in network

### 5-Port Gigabit Ethernet Switch | Industrial LNK-IMC005G

Mini Industrial 5-Port Gigabit Ethernet Switch 12-48V DC IP40 - LNK-IMC005G  
Overview The LNK-IMC005G Series is a compact and rugged 5-port industrial

### Mini 5-Port Gigabit Ethernet Switch, Industrial

It's an economical choice for industrial Ethernet connectivity, ensuring your network remains strong and dependable. Equip your network with the xoxnikior IMC005G

5-Port Industrial Switch, Unmanaged, EIP QoS, DIN,

Industrial-grade switch expands Gigabit Ethernet connectivity to environments with space constraints and wide temperature ranges. This space-saving switch with

Industrial Ethernet Switches

Built for diverse industrial applications, these switches feature all-gigabit, high-density, all-copper or mixed copper and fiber ports, PoE options, and resiliency protocols.

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MikroTik · Products

MikroTik makes networking hardware and software, which is used in nearly all countries of the world. Our mission is to make existing Internet technologies

Industrial 5-Port Gigabit Din-Rail Switch

IGS-1005 Industrial Switch with 5 Gigabit Ports is featuring with 6KV surge protection, power redundancy, Power Fail relay, QoS, IP30-rated housing and

Industrial Grade 5P Gigabit Ethernet Switch, IEEE 802.3x

plug & play 5x 10/100/1000M Ethernet ports with Auto MDI/MDI-X support, no extra configuration required, plug and play

Tripp Lite series 5-Port Unmanaged Industrial Gigabit

Unmanaged 5-port Gigabit Ethernet PoE switch with SFP slots expands connectivity in harsh environments, including factories, warehouses and construction sites.

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

3onedata | Industrial Communication Solutions

3onedata is a leading supplier of industrial communication solutions, we have been dedicated to IIoT for over 20 years. Our main products include industrial Ethernet

5 Port Unmanaged Industrial Gigabit Ethernet Switch

5 Port Unmanaged Industrial Gigabit Ethernet Switch - DIN Rail / Wall-Mountable - TAA Network up to 5 Ethernet devices through a rugged, industrial Gigabit

5-Port Industrial Network Switch, Gigabit, Unmanaged,

Unmanaged 5-port Gigabit Ethernet switch is designed to expand connectivity in harsh environments, including factories, warehouses and

Intellinet Industrial 5-Port GbE Switch (509480)

The Industrial 5-Port Gigabit Ethernet Switch from Intellinet Network Solutions delivers high-performance networking in a compact, industrial-grade form.

Sixnet® SLX-5MS-5ST Managed 5-port Industrial Ethernet Switch

Item number SLX-5MS-5ST The Sixnet® 5-port Managed Industrial Ethernet Switch enables fast Ethernet connectivity for industrial equipment in extreme industrial settings. Rugged and high

Fiber Optic Network Switches

VERSITRON manufactures a wide range of fiber optic switches that provide links for your 10Base, 100Base, 1000Base Gigabit, and 10 Gigabit networks

STEAMEMO 5-Port Industrial Ethernet Switch | DIN-Rail Mount

Buy STEAMEMO 5-Port Industrial Ethernet Switch | DIN-Rail Mount | 100Mbps Ports + 1Gbps Switching | -40°C to 70°C Operation | Rugged Metal Housing | Lifetime Protection: Switches - Amazon FREE DELIVERY possible on eligible purchases

## Contact Us

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