

Five-port industrial-grade gigabit switch



Article 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°C to +75°C or +80°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-s...

Article Content

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5-Port Industrial Network Switch, Unmanaged, 30W PoE+, DIN Mount

Unmanaged 5-port Gigabit Ethernet switch with PoE expands connectivity in harsh environments, including factory floors,

Jun 30, 2026

5-Port Industrial Network Switch, Gigabit, Unmanaged,

Unmanaged 5-port Gigabit Ethernet switch is designed to expand connectivity in harsh

Sep 17, 2025

5-Port Industrial Gigabit PoE+ DIN-Rail Switch

TRENDnet's 5-Port Industrial Gigabit PoE+ DIN-Rail Switch -20° – 65°C (-4° – 149°F), model TI-PGM541,

Oct 18, 2025

5-Port Industrial Network Switch, Unmanaged, 30W

This space-saving Power over Ethernet (PoE) switch transmits both power and data over a Gigabit

Mar 20, 2026

5-Port Gigabit Ethernet Switch | Industrial LNK-IMC005G

Discover the Industrial Gigabit Ethernet Switch with 5 RJ45 ports for industrial networking. Provides stable connectivity and robust

Jan 08, 2026

Industrial Grade 5P Gigabit Ethernet Switch, IEEE

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

Feb 27, 2026

Tripp Lite Industrial 5-Port Lite Managed PoE+ Gigabit ...

Tripp Lite Industrial 5-Port Lite Managed PoE+ Gigabit Ethernet Switch, 2 SFP GbE Slots, 10/100/1000 Mbps RJ45 Ports, 30W

Sep 14, 2025

Gigabit-Switch-5P

Industrial 5P Gigabit Ethernet Switch, supports 5~36V wide voltage power supply, onboard overvoltage protection, and reverse

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5-Port Industrial Gigabit DIN-Rail Mini Switch

The hardened industrial switch features five copper gigabit ports for high-speed device connections. The

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IGS-1005 Industrial Switch with 5 Gigabit Ports is featuring with 6KV surge protection, power redundancy,

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5-Port Industrial Gigabit Ethernet Switch-EG2-0501-SFP

EG2-0501-SFP 5-Port Industrial Gigabit Ethernet Switch #100Mbps Copper
#1000Mbps Copper #100Mbps

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5-Port Hardened Industrial Gigabit DIN-Rail Switch

TRENDnet's TI-G50 is a reliable IP30 unmanaged DIN-rail switch with hardened components rated for extreme industrial

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Gigabit Ethernet Switch 5-Port Mini Industrial Switch 10

This unmanaged industrial Ethernet switch is designed to match the critical industrial standards. With

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5-Port Industrial Ethernet Switch, 10/100 Mbps, DIN

Features 5-Port Unmanaged Ethernet Switch Connects Your Devices to a LAN This space-saving switch

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MokerLink 5 Port Industrial DIN-Rail Network Switch, 4

5-Port Gigabit Industrial Ethernet Switch Reliable and Convenient Industrial Network Solution The IND

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5 Port Unmanaged Industrial Gigabit Ethernet Switch

5 Port Unmanaged Industrial Gigabit Ethernet Switch - DIN Rail / Wall-Mountable - TAA Network up to 5

Dec 15, 2025

Mini Industrial 5 Ports Gigabit Switch Hardened 5 Port RJ45 10

And also support Redundant power. Industrial Grade Quality – The Hardened Mini Gigabit Switch use industrial grade components

Jul 18, 2026

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

This space-saving switch transmits data over a Gigabit Ethernet network. Five auto-negotiating 10/100/1000 Mbps ports send data

Apr 22, 2026

Amazon : Centopto Mini Industrial 5 Ports Gigabit PoE Switch ...

It will solve the problem that you only have 12V or 24V centralized power supply or solar power supply. Industrial Grade Quality –

Jun 23, 2026

Mini Industrial 5-Port Gigabit Ethernet Switch

About this item 10/100/1000Mbps Ethernet – The Industrial 5 ports Ethernet Switch have 5 RJ45 ports

Aug 28, 2025

5-Port Lite Managed Industrial Gigabit Ethernet Switch | Eaton

Expand your Gigabit Ethernet network into harsh environments, such as mines and construction sites, with this 5-port Lite Managed

Contact Us

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