

Article Overview

Industrial 5-port gigabit switches provide high-speed Ethernet connectivity in harsh environments, with features like DIN-rail mounting, wide temperature tolerance, and robust power protection.

Key Options

1. Tripp Lite NGI-M05-C1

- o Ports: 5 auto-negotiating 10/100/1000 Mbps + 1 GbE SFP slot for uplink
- o Environment: Operates from -40°C to 75°C, IP30 aluminum case resistant to vibration, shock, and free fall
- o Management: Fully managed with QoS, IGMP snooping, MAC auto-learning, and browser-based configuration
- o Power: Redundant 6-pin 20-57VDC terminal block inputs for reliability
- o Mounting: DIN-rail compatible
- o Applications: Industrial automation, oil & gas, mining, outdoor installations, and other space-constrained environments

2. TRENDnet TI-GLC50

- o Ports: 5 copper gigabit ports
- o Environment: IP30 metal enclosure, -40°C to 75°C, shock, vibration, and freefall rated
- o Features: Supports Jumbo Frames up to 9KB, grounding point for surge protection, DIN-rail and wall mount included
- o Applications: Rugged industrial environments requiring compact installation and high reliability

3. TP-Link TL-SG705P

- o Ports: 5 gigabit ports, 4 with PoE+ support (up to 30W per port, 65W total)
- o Environment: Fanless, durable metal case for heat dissipation and noise reduction
- o Features: Auto-negotiation, MDI/MDI-X, PoE Auto Recovery, Extend Mode for long-distance PoE deployment
- o Applications: Offices, surveillance, small businesses, and IP camera networks

4. Waveshare Industrial 5P Gigabit Switch

- o Power: Wide voltage range 5-36V, dual inputs (DC jack and screw terminal), over-voltage and reverse-proof protection
- o Applications: Industrial setups requiring flexible power options and protection against electrical faults

Considerations for Selection

- o Managed vs Unmanaged: Managed switches (like Tripp Lite NGI-M05-C1) allow configuration, VLANs, and traffic prioritization, while unmanaged switches (like TRENDnet TI-GLC50) are plug-and-play.
- o Environmental Tolerance: Ensure the switch can handle your operating temperature range and resist vibration or shock.



Industrial switch with 5 gigabit ports TL

- o Power Requirements: For PoE devices, check total power budget and port capabilities.
- o Mounting: DIN-rail mounting is common for industrial racks; wall mount may also be needed.
- o Network Expansion: SFP uplink ports allow fiber connections for longer distances or linking multiple switches. These industrial 5-port gigabit switches are ideal for high-performance, reliable networking in challenging environments, providing both speed and durability for critical applications.

Connect up to 5 devices directly to your router using TP-Link's secure, reliable gigabit network switches that are easy to install and

Mini Industrial 5-Port Gigabit Ethernet Switch - Hardened, 10/100/1000Mbps, Din Rail & Wall Mountable (

TL-SG705 provides an easy way to expand your wired network. With five Gigabit ports and plug and play,

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

4 PoE+ Gigabit Ports for Flexible Network Deployment Compliant with the 802.3af/at PoE+ standard, TL

TP-Link Omada 5 Port Gigabit Easy Managed PoE Switch, 65W Budget, PoE+ Compliant, Up to 250m Distance, Auto Recovery,

From the manufacturer Designed for Home, Business Class Components. Ideal

Five Gigabit Ports for Faster Speeds Increase the speed of your network with the TL-SG605 5-port Gigabit desktop switch. 5 non

Enjoy Power over Ethernet 4 of the 5 Auto-Negotiation RJ45 ports (Port 1 to Port 4) of the switch support

Reliable and Quiet: IEEE 802.3X flow control provides reliable data transfer and Fanless design

5-Port Gigabit Easy Smart Switch with 4-Port PoE+ Five 10/100/1000Mbps RJ45 ports Equipped with four

The TL-SG2105 industrial switch is a rugged managed Ethernet switch designed for demanding environments, featuring 5 Gigabit

Der TP-Link TL-SG105 ist ein sehr zuverlässiger 5-Port Gigabit Switch für den Alltag. Das Metallgehäuse

High Performance TL-SF1005D Fast Ethernet Switch provides 5 10/100Mbps Auto-Negotiation RJ45 ports.

Industrial switch with 5 gigabit ports TL

The TP-Link TL-SG105E is a 5-port Gigabit "Easy Smart" switch that provides an ideal entry point for users moving from unmanaged

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

Web: <https://www.kremgroup.co.za>

