



## 5-Port 10G Ethernet Switch

**Five 100 Mbps/1G/2.5G/5G/10G RJ45 Ports, Unmanaged, Desktop Format, Wall-mount Option**

Part No.: **562201**

EAN-13: 0766623562201 | UPC: 766623562201

## 5-Port 10Gbps Switch to Make Your Network Future-Proof

Experience next-gen network performance with this Multi-Gig 5-Port Ethernet Network Switch from Network Solutions, designed for professionals, enterprises, and enthusiasts who demand ultra-fast, reliable connectivity. Equipped with five 10GBASE-T RJ45 Ethernet ports compliant with the latest IEEE 802.3an standard, it delivers blazing-fast data transfers of up to 10 Gbps, ensuring seamless operation for bandwidth-intensive applications. Whether it's video streaming, cloud computing, IoT, or VR workloads, this switch handles them with exceptional efficiency.

### Scalable, Auto-Sensing Connectivity for Any Network

The switch features 100 Mbps, 1G, 2.5G, 5G, and 10G auto-sensing ports that intelligently detect and deliver the optimal speed for connected devices. Whether you're connecting legacy devices or cutting-edge hardware like 10G servers, NAS systems, or Wi-Fi 6 (IEEE 802.11ax) & Wi-Fi 7 (IEEE 802.11be) APs, this switch adapts to your network needs with full backward compatibility.

### Perfect for High-Bandwidth Tasks without Bottlenecks

This 10G LAN Switch delivers the speed and reliability needed for bandwidth-hungry applications, be it seamless home entertainment, LAN parties, or even 8K video streaming. Connect your gaming rigs, media servers, or 10G PCIe adapters to experience ultra-low latency and lag-free performance, whether you're gaming with friends or streaming high-resolution content. For professionals and creators, it's the ideal backbone for high-resolution video editing over the network, large-scale data transfers like backups and file sharing. This enables smooth collaboration for studios, creative teams, and demanding workflows.

For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

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## Compact, Silent, and Built to Last

Designed for flexibility and durability, the switch comes in a compact, rugged metal housing perfect for desktop or wall-mounted setups. With its fanless design, it operates silently, making it ideal for noise-sensitive environments like home offices, studios, or professional workstations.

### Features:

- Five ultra-fast 10GBASE-T RJ45 Ethernet ports, IEEE 802.3an compliant
- 100 Mbps/1/2.5/5/10 Gbps auto-sensing ports that automatically detect optimal network speeds
- 100 Gbps switch fabric / switching capacity
- Future-proof high-bandwidth connection; ideal for 10G servers, NAS devices, and Wi-Fi 6/7 access points
- Backward compatible with 100/1000/2500/5000 Mbps devices
- Auto-MDIX and NWay auto-negotiation support on all RJ45 ports
- Supports jumbo frames up to 12 kBytes
- Store and forward switching architecture
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports 16k MAC address entries with Auto-learning and Auto-aging
- Buffer memory of 12 Mbits
- Compact desktop format with rugged metal housing
- LEDs for power and link/activity
- Fanless design for silent operation
- Built-in wall-mounting holes and four rubber feet for desktop use
- Fully TAA-compliant
- Three-year warranty

### Specifications:

#### Standards

- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control for full duplex mode)
- IEEE 802.3bz (2.5/5GBASE-T Ethernet)
- IEEE 802.3an (10GBASE-T Ethernet)

#### General

- Media support:
  - 100Base-TX Cat5/5e/6/6a/8 UTP/STP RJ45
  - 1000Base-T Cat5e/6/6a/8 UTP/STP RJ45

- 2.5G/5GBase-T Cat6/6a/8 UTP/STP RJ45
- 10GBase-T Cat6/6a/8 UTP/STP RJ45
- MAC address table: 16k
- Buffer memory: 12 Mbits
- Forwarding rate: 14.88 Mpps
- Backplane speed / switch fabric: 100 Gbps
- Switch architecture: store and forward
- Certifications: FCC, CE, RoHS, REACH, UKCA, TAA
- MTBF: 521,600 hours at 25°C (77°F)

#### LEDs

- Power
- Link/Act

#### Power

- Included external power adapter:
  - Input: 90.0 - 264.0 VAC, 47 - 63 Hz
  - Output: DC, 12.0 V, 3.0 A

#### Physical

- Metal housing
- Dimensions (L x W x H): 145 x 180 x 34 mm (5.71 x 7.09 x 1.34 in.)
- Net weight: 966 g (2.13 lbs.)
- Gross weight: 1.31 kg (2.89 lbs.)
- Operating temperature: 0 - 40°C (32 - 104°F)
- Storage temperature: -40 - 70°C (-4 - 194°F)
- Operating humidity: 10 - 90% RH, non-condensing
- Storage humidity: 5 - 90% RH, non-condensing

#### Package Contents

- 5-Port 10 GbE Ethernet Switch
- Power adapter
- Four rubber feet
- Instructions



