

Product Specification

S1000-5T / S1000-8T

5-Port / 8-Port Gigabit Unmanaged Mini Ethernet Switches

Features

- 5 or 8 x 10/100/1000BASE-T Gigabit Ethernet RJ45 ports
- Plug-and-play operation with no configuration required
- Auto-Negotiation and Auto-MDI/MDIX on all ports
- Non-blocking switching architecture with wire-speed forwarding
- IEEE 802.3x flow control for reliable data transmission
- IEEE 802.3az Energy Efficient Ethernet for reduced power consumption
- Fanless metal housing for silent and reliable operation
- Compact desktop and wall-mount design

Compliance

- IEEE 802.3 / 802.3u / 802.3ab
- IEEE 802.3x / 802.3az
- CE / FCC
- RoHS

Applications

- Home and SOHO network expansion
- Small office and business networks
- PCs, printers, NAS and network storage
- IP cameras and network devices
- Wired entertainment and multimedia networks

Description

The S1000-5T and S1000-8T are compact unmanaged Gigabit Ethernet switches designed for easy expansion of home, office and small business networks. The S1000-5T provides five 10/100/1000BASE-T RJ45 ports, while the S1000-8T provides eight Gigabit Ethernet ports.

All ports support Auto-Negotiation and Auto-MDI/MDIX, allowing compatible network devices to connect automatically without manual configuration or crossover cables. The non-blocking switching architecture provides wire-speed Gigabit Ethernet forwarding for PCs, printers, NAS devices, IP cameras and other network equipment.

IEEE 802.3x flow control helps maintain reliable data transmission, while IEEE 802.3az Energy Efficient Ethernet reduces power consumption based on network activity. The compact metal housing and fanless design provide silent and reliable operation and support flexible desktop or wall-mount deployment.

Product Performance Specifications

1、Hardware Specifications

Parameter	S1000-5T	S1000-8T
Product Type	Gigabit Unmanaged Mini Ethernet Switch	Gigabit Unmanaged Mini Ethernet Switch
Ethernet Ports	5 x 10/100/1000BASE-T RJ45	8 x 10/100/1000BASE-T RJ45
Switching Capacity	10Gbps	16Gbps
Packet Forwarding Rate	7.44Mpps	11.9Mpps
MAC Address Table	2K	4K
Packet Buffer	128KB	192KB
Jumbo Frame	Up to 9KB	Up to 9KB
Forwarding Architecture	Non-blocking	Non-blocking
Transmission Method	Store-and-Forward	Store-and-Forward
Auto-Negotiation	Supported	Supported
Auto-MDI/MDIX	Supported on All Ports	Supported on All Ports
Flow Control	IEEE 802.3x	IEEE 802.3x
Energy Efficient Ethernet	IEEE 802.3az	IEEE 802.3az
Duplex Mode	Half / Full Duplex	Half / Full Duplex
Housing	Metal	Metal
Cooling	Fanless	Fanless
Acoustic Noise	0dBA	0dBA
Mounting	Desktop / Wall-Mount	Desktop / Wall-Mount

Power Supply	External DC Power Adapter	External DC Power Adapter
Operating Temperature	0°C to 40°C	0°C to 40°C
Operating Humidity	10% to 90%, Non-condensing	10% to 90%, Non-condensing

Handling and Safety Precautions：

- Take appropriate ESD precautions when installing, removing, or handling the switch and pluggable modules.
- Ensure that the input voltage and power source comply with the rated input specifications of the switch.
- Properly ground the switch before powering on the equipment.
- Keep the switch powered off during installation, cabling, or hardware replacement unless hot-swappable operation is specifically supported.
- Ensure adequate airflow around the switch and do not block the air intake or exhaust vents.
- Install the switch securely in a compatible 19-inch rack and ensure that the rack is properly grounded and mechanically stable.
- Do not open, modify, or disassemble the switch chassis or power supply modules.
- Disconnect the power supply before cleaning the equipment. Use a clean, dry, lint-free cloth only. Do not use liquid or aerosol cleaners.
- Keep the equipment away from water, excessive humidity, heat sources, open flames, and conductive contaminants.
- Do not place excessive strain on power cords, network cables, or optical cables, and maintain the recommended cable bend radius.
- Use only compatible optical modules, cables, power supplies, and accessories specified for the switch.
- Keep the switch and its cabling away from high-voltage power lines and strong electromagnetic interference sources.
- Do not look directly into optical transceiver ports or fiber connectors when optical modules are installed and operating.
- Before replacing a hot-swappable power supply or fan module, follow the specified removal and installation procedures to prevent equipment damage or personal injury.

Ordering Information

PN	Description
S1000-32C	32-Port 100GbE QSFP28 Layer 3 Managed Data Center Ethernet Switch, High-Density 1U Rackmount Design
S1000-48B8C	48-Port 25GbE SFP28 Layer 3 Managed Data Center Leaf Switch, 8 × 100GbE QSFP28 Uplink Ports, 1U Rackmount
S1000-48T6S	48-Port Gigabit Ethernet Layer 3 Managed Access Switch, 48 × 10/100/1000BASE-T RJ45 Ports, 6 × Dedicated 10GbE SFP+ Uplink Ports, for Enterprise and Campus Networks
S1000-48X6S	48-Port 1GbE SFP Layer 3 Managed Fiber Aggregation Switch, 6 × Dedicated 10GbE SFP+ Uplink Ports, for Enterprise and Campus Networks
S1000-48TP4S	48-Port Gigabit Ethernet PoE+ Layer 2 Managed Access Switch, 48 × 10/100/1000BASE-T RJ45 PoE+ Ports, Up to 30W per Port, 4 × 1GbE SFP Uplink Ports, for IP Surveillance and Enterprise Networks
S1000-5T	5-Port Gigabit Unmanaged Mini Ethernet Switch, 5 × 10/100/1000BASE-T RJ45 Ports, Fanless Metal Housing, Desktop/Wall-Mount Design
S1000-8T	8-Port Gigabit Unmanaged Mini Ethernet Switch, 8 × 10/100/1000BASE-T RJ45 Ports, Fanless Metal Housing, Desktop/Wall-Mount Design