



8-Port Gigabit Ethernet Network Switch - Desktop/Wall Mount - Unmanaged - Metal Housing - Fanless

NS-100-08 - Specifications

Description

This 8-port switch is a gigabit Ethernet switch, providing 8 Gigabit Ethernet ports to upload data via the convergence switch. The switch is reliable, easy to install and maintain, and equipped with rapid switch function. With multiple access ports, the switch is applicable for access or aggregation and upload of small-scale LAN devices.

Physical Characteristics

Dimensions	145 x 25.6 x 68.4 mm (5.7 x 1.0 x 2.7 inches)
Shell	Metal Material, Fan-Free Design
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 85°C
Operating & Storage Humidity	5% to 95% (no condensation)
Power Supply	Input: 100-240 VAC, 50/60 Hz, 0.3 A, Output: 5 VDC, 1 A
Ports	8 x 10/100/1000Mbps auto-negotiation RJ45 ports
Port Loop Guard	Supported
Port Type	RJ45 port, Full duplex, MDI/MDI-X adaptive
Uplink Port	Port 8
Lightning-Proof Ranking	RJ45 port - 4kV, Power source - 2kV
LED Indicator	1 * Power LED, 8 * Link/Act LED

Performance

Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Total Bandwidth	16Gbps
Transmission Speed	Ethernet: 10 Mbps (Half Duplex) / 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (half-duplex)/200 Mbps (full-duplex) Gigabit Ethernet: 2000 Mbps (full-duplex)
Transmission Medium	Ethernet: CAT3 or better UTP/STP cable Fast Ethernet: CAT5 or better UTP/STP cable Gigabit Ethernet: CAT5E or CAT6 UTP/STP cable (recommended)
MAC Address Table	4K
MAC Address Learning	Automatic Learning/Aging
Forwarding Mode	Store-and-forward switching
Packet Forwarding Rate	11.904 Mpps
Internal Cache	1.5 Mbits
Package Filtering/Forwarding Rate	Ethernet: 14881 pps one port, Fast Ethernet: 148810 pps one port, Gigabit Ethernet: 1488100 pps one port
Switching Capacity	16 Gbps
Switch Type	Layer 2

Environmental

RoHS	Yes
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Packaging Information

Package Quantity	1
Product Weight	0.6 lbs [0.25kg]

