

# SERVEREDGE 10/100/1000Base TX, 08 Port Gigabit Unmanaged Ethernet Switch

PART NUMBER: NS-08UG



## PRODUCT DESCRIPTION

The Serveredge NS-08UG, 10/100/1000Base-TX, 8 Port, Gigabit Unmanaged Ethernet Switch provides easy, reliable, and affordable network connectivity for small to large offices. With the Serveredge unmanaged plug-and play-switched, you can expand your network to multiple devices instantly.

The automated features of this gigabit switch make installation plug-and-play and hassle-free. No configuring is required. Auto MDI/MDI-X crossover on all ports eliminate the need for crossover cables or uplink ports. Auto-negotiation on each port senses the link speed of a network device (either 10, 100, or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance. Compact size enclosure makes it ideal for desktops with limited space, dynamic LED lights provide real-time work status and basic fault diagnosis.

## PRODUCT FEATURES

- Innovative energy-efficient technology saves power up to 40%.
- 100% Data filtering rate eliminates all error packets.
- Supports IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode.
- Non-blocking switching architecture forwards and filters packets at full wire-speed for maximum throughput.
- 16Gbps Bandwidth
- Auto-MDI/MDIX eliminates the need for crossover cables.
- Supports MAC address auto-learning and auto-aging.
- Support the port N-Way Auto-Negotiation, Store and Forward.
- Compact size design for desktops.
- Plug and Play design simplifies installation.

## TECHNICAL SPECIFICATIONS

Fixed port	8*10/100/1000Base-TX RJ45 port (Data)
Function	N : (Standard normal) V : (Port isolation) C : (Flow Control mode)
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x IEEE 802.1q VLAN
Port Specification	10/100/1000BaseT (X) Auto
Transmission Mode	Store and Forward (full wire speed)
Bandwidth	16Gbps
Packet Forwarding	11.52Mpps Supports 9K jumbo packet length forwarding at wire speed
MAC Address	2K
Buffer	2.5M
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter)
Watt	Standby Power Consumption : ≤6W ;
LED Indicator	PWR:Power LED Port:(Green=100M LED+Orange=1000M LED)
Power	External Power DC : 12V 0.5A
Operating Temperature/Humidity	-10~+55°C ; 5%~90% RH Non coagulation
Storage Temperature/Humidity	-40~+75°C ; 5%~95% RH Non coagulation
Product size/Packing size (L*W*H)	175mm*75mm*28mm 215mm*175mm*45mm
Weight N.W/G.W (kg)	0.4kg/0.6kg
Installation	Desktop
Lightning protection level	3KV 8/20us ; IP30
Certificate	CE mark, commercial ; CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;
Warranty	1 year (Accessories not included)