8-Port 10/100/1000 Mbps Desktop Gigabit Ethernet Unmanaged Switch with PoE+, 60W, Metal Enclosure

MODEL NUMBER: **NG8POE-1**

Provides a Gigabit Ethernet connection and power for PoE devices in your small office network or workgroup.

Features

8-Port Unmanaged Gigabit Ethernet Switch for Home Offices and Workgroups
The energy-efficient NG8POE-1 network switch connects up to eight devices to a Gigabit Ethernet network and allows them to communicate with each other. It's recommended for your home network, small office, workgroup or creative production environment. It helps you share large bandwidth-intensive files, such as CAD drawings and videos, at Gigabit (1000 Mbps/1 Gbps) speeds, improving efficiency and cutting costly downtime.

Maximum Network Functionality
The NG8POE-1 features eight twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX functionality, so crossover cables and uplink ports are not needed for connections to PCs, routers and other switches. No configuration is required, so you can have your Gigabit network up and running immediately. IEEE 802.3x flow control (full duplex) and back pressure (half duplex) allow smooth transmission of large files.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices
Because this network switch supports PoE, it can supply the power to operate compatible PoE devices, such as wireless LAN access points and bridges, VoIP phones and/or IP video cameras. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings. Eight RJ45 ports support up to 30W each with a total PoE budget of 60W when using the included AC power adapter.

Complies with IEEE Energy Efficient Ethernet Standards
The NG8POE-1 supports IEEE 802.3az Energy Efficient Ethernet standards by automatically shifting unused ports into a low-power state without interrupting network connections. It also meets IEEE 802.3ab, 802.3i and 802.3u standards.

VLAN Mode
The NG8POE-1 features port isolation, also referred to as "Private VLAN." It isolates all ports from each other and only allows access to the uplink port, which increases privacy. This is useful in VLAN applications such as hotels, where each room has access to the internet, but rooms are prevented from accessing one another.

Highlights

- Supports PoE to save you expense and effort of powering PoE devices individually
- 8 twisted-pair auto-negotiable RJ45 ports support auto MDI/MDIX functionality
- Unused ports shift into low-power state without interrupting network connection
- IEEE friendly: supports 802.3az Energy Efficient Ethernet standards
- Designed for either desktop installation or wall mounting with keyhole tabs

Package Includes

- NG8POE-1 8-Port Gigabit Ethernet Unmanaged Switch with PoE+
- External Power Supply (Input: 100–240V, 50/60 Hz, 2A; Max Output: 54V 1.5A)
- NEMA 5-15P to C13 power cord, 5 ft. (1.5 m)
- Schuko to C13 power cord, 5 ft. (1.5 m)
- (4) Rubber mounting feet
- Wall-mounting hardware
- Owner's manual

Plug-and-Play Functionality for Easy Use
No configuration is required in setting up the unmanaged NG8POE-1, so you can have your 10/100/1000 Mbps network up and running immediately. Cat5/5e/6/6a UTP/STP cables (sold separately) provide optimal performance. Easy-to-read LEDs indicate connection and activity status for each port. The NG8POE-1 supports MAC address auto-learning and auto-aging for efficient routing.

Heavy-Duty Metal Enclosure with Versatile Installation Options
This plug-and-play switch comes with an external power supply and two detachable power cords: NEMA 5-15P and Schuko. Both power cords connect to the power supply's C14 inlet. The housing contains no fan, resulting in silent operation. The NG8POE-1 is designed for desktop placement, but also features keyhole tabs for optional wall mounting.

Specifications

OVERVIEW	
UPC Code	037332287199
Product Type	Unmanaged Network Switch

INPUT	
Electrical Consumption (Max)	81W
AC Power Adapter Input Specs (V / Hz / A)	100-240V AC-, 50/60Hz
Electrical Consumption (Max PoE Load)	60W
Voltage Compatibility (VAC)	100-240
Input Plug Type	NEMA 5-15P; Schuko
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Power Source	AC Adapter

POWER	
Power Consumption (Watts)	81.00
Output Volt/Amp (from external power supply)	54V, 1.5A

CONNECTIONS	
Number of Ports	8
Ports	8
Ports Detail	8x 10/100/1000Mbps, Auto-Negotiable MDI/MDIX
SFP Uplink Ports	0
PoE Capability	60W (802.3bt)
PoE Power Budget (Watts)	60
PoE Port Description	Total PoE budget for this switch is 60 watts. Per-port average power distribution is 7.5 watts; maximum per-port power usage cannot exceed 30 watts.

PoE Supported Ports	8
Network Switch Ports	(8) 10/100/1000 (RJ45)
PoE Type	Type 3 PoE++/UPoE (60W, IEEE 802.3bt)

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x1)PWR(x8) Link/Act , (x8) POE

PHYSICAL	
Primary Form Factor	Desktop; Wall-mount
Color	Black
Material of Construction	Metal
Form Factors Supported	Desktop, Wall mount
Shipping Dimensions (hwd / in.)	10.63 x 9.76 x 2.76
Shipping Dimensions (hwd / cm)	27.00 x 24.79 x 7.01
Shipping Weight (lbs.)	3.79
Shipping Weight (kg)	1.72
Unit Dimensions (hwd / in.)	1.800 x 6.100 x 4.600
Unit Dimensions (hwd / cm)	4.57x15.49x11.68
Unit Weight (lbs.)	3.310
Unit Weight (kg)	1.50
Rack Units	1

ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Storage Humidity Range	5% - 90%, RH (Non-condensing)

COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable, Store and forward, 1.5Mb buffer memory
Switching Capacity	16Gbps
Switching Capacity Details	2Gbps per port with full duplex

FEATURES & SPECIFICATIONS	
Jumbo Frames	9216
Console Port	No
MAC Auto Learning	Yes
MAC Addresses	4096

RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
Fans (Type/Quantity)	Fanless

STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); EN 55032; EN 55035; NOM (Mexico); UL 62368-1
Product Compliance	CE (Europe); FCC Part 15 Class A (USA); FCC Part 15 Class B (USA); IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3at PoE+; IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; RoHS; UKCA

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

1000 Eaton Boulevard

Cleveland, OH 44122

United States

https://tripplite.eaton.com