

8-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch with PoE+, 140W

MODEL NUMBER: NG8POE



Description

The NG8POE 8-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch adds a Gigabit Ethernet connection with PoE+ capacity to your small office, workgroup or creative workspace.

Especially recommended for security applications to power IP cameras, VoIP phones and other PoE-compatible devices, this energy-efficient switch provides PoE+ compatibility with wireless access points and other devices with up to 30W per port and a PoE budget of 140W (up to 70W per port bank). Sharing large bandwidth-intensive files, such as CAD drawings and high-definition videos, at Gigabit speeds improves efficiency and cuts costly downtime. IEEE 802.3x flow control allows smooth transmission.

This unmanaged switch features eight twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX cross-over detection. It's plug-and-play with no configuration required and can be up and running immediately. Easy-to-read LEDs indicate power, connection, activity and PoE status for each port.

The NG8POE supports IEEE 802.3az Energy Efficient Ethernet standards by putting unused ports into a low-power state without interrupting network connections. The detachable five-foot power cord with NEMA 5-15P plug connects to any compatible AC source. The heavy-duty metal housing is designed for desktop installation or mounting into 1U of an EIA-standard 19-inch rack with the included brackets.

Features

Unmanaged Network Switch for Home/Small Offices, Workgroups and Security Applications

- 8 twisted-pair RJ45 Gigabit Ethernet ports with PoE+ capability

Highlights

- 8 auto-negotiable 10/100/1000 Mbps PoE+ RJ45 ports
- Up to 30W PoE+ per port; 140W total PoE budget
- Supports auto MDI/MDIX cross-over function
- 2 Gbps switching capacity per port with full duplex
- Plug-and-play with no configuration required

Package Includes

- NG8POE 8-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch
- Detachable AC power cord with NEMA 5-15P plug, 5 ft.
- (2) Mounting brackets
- (8) Screws
- (4) Rubber feet
- Owner's manual



- Auto-negotiable 10/100/1000 Mbps
- Automatic MDI/MDIX cross-over detection
- 16 Gbps switching capacity (2 Gbps per port with full duplex)
- LEDs indicate power, connection, activity and PoE status per port
- Supports 9k jumbo frames, MAC address auto-learning and auto-aging, and 802.3x flow control (full duplex) and back pressure (half duplex)

140W Total PoE+ Budget

- Up to 30W PoE per port
- Dual port banks support up to 70W PoE each
- Each port supplies PoE+ power to connected devices via network cable

Complies with IEEE 802.3az Energy Efficient Ethernet Standards

- Automatically shifts unused ports to low-power state without interrupting network connection
- Also meets IEEE 802.3ab, 802.3i, 802.3u and 802.3 standards

Heavy-Duty Metal Housing

- No-fan design for silent operation
- Detachable 5 ft. AC power cord with NEMA 5-15P plug
- Plug-and-play with no configuration required

Versatile Installation Options

- Includes rubber feet for secure placement on flat desktop surface
- Mounts in 1U of EIA-standard 19 in. rack with included brackets
- Grounding lug included

Specifications

MODEL TEXT	
Key Benefit	Energy-efficient switch provides Gigabit network connection for multiple devices. Recommended for small offices, workgroups, creative workspaces and security applications using IP cameras and other PoE-compatible devices.
INPUT	
Electrical Consumption	147W maximum power consumption (at 100% switching capacity with 140W POE consumption)
Nominal Input Voltage Description	100-240V AC nominal input
Plug Type	Detachable NEMA 5-15P input cord
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52



Input Frequency	50/60 Hz
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power LED (Green for Power On); Two LEDs per RJ-45 port (UPPER LED: Green indicates 10/100Mbps link; Amber indicates 1000Mbps link; LEDs flash to indicate port activity / LOWER LED: Green indicates POE is active); Set of 2 "POE MAX" LEDs light to indicate the POE budget has been exceeded (POE MAX 1 indicates ports 1-4 / POE MAX 2 indicates ports 5-8)
PHYSICAL	
Primary Form Factor	Desktop; Rackmount
Rack Height (U Spaces)	1
Shipping Dimensions (hwd / in.)	3.03 x 9.65 x 17.24
Shipping Dimensions (hwd / cm)	7.7 x 24.51 x 43.79
Shipping Weight (lbs.)	5.84
Shipping Weight (kg)	2.65
Unit Dimensions (hwd / in.)	1.73 x 11.02 x 7.09
Unit Dimensions (hwd / cm)	4.39 x 27.99 x 18.01
Unit Weight (lbs.)	4.1
Unit Weight (kg)	1.86
Color	Black
Form Factors Supported	Desktop, Rackmount
ENVIRONMENTAL	
Storage Temperature Range	-40 to 158F (-40 to 70C)
Relative Humidity	10 to 90% (non-condensing)
Operating Elevation (ft.)	Up to 10,000
Operating Temperature	32 to 104F (0 to 40C)
Operating Elevation (m)	Up to 3000
CONNECTIONS	
Network Switch Ports	(8) 10/100/1000 (RJ45)
PoE Supported Ports	8
PoE Capability	30W (802.3at)
PoE Power Budget (Watts)	140
SPECIAL FEATURES	
Grounding Lug	Includes back panel grounding lug



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

CERTIFICATIONS	
Certifications	Compliant Standards: IEEE 802.3ab (1000BASE-T GIGABIT ETHERNET), IEEE 802.3i (10BASE-T ETHERNET), IEEE 802.3u (100BASE-T ETHERNET), IEEE 802.3x (FULL DUPLEX/FLOW CONTROL), IEEE 802.3 (NWAY AUTO-NEGOTIATION), 802.3az (ENERGY EFFICIENT ETHERNET), 802.3at (POE+)
Approvals	Tested to UL60950-1: 2007 (2ND ED) +A1+A2 R14 (USA), CAN/CSA C22.2 NO. 60950-1-07, 2ND EDITION, 2014-10 (Canada), NOM (Mexico), FCC CLASS B (Emissions)
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>