

16-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch with PoE+, 230W, Metal Housing

MODEL NUMBER: NG16POE



Ethernet 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.

Description

The NG16POE 16-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 Ethernet switch provides PoE+ compatibility with wireless access points and other devices with up to 30W per port and a PoE budget of 230W. 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 16 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 detachable six-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 16 twisted-pair RJ45 Gigabit Ethernet ports with PoE+ capability Auto-negotiable 10/100/1000 Mbps Automatic MDI/MDIX cross-over detection 32 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)

230W Total PoE+ Budget Up to 30W PoE per port Each port supplies PoE+ power to connected devices via network cable

Heavy-Duty Metal Housing Detachable 6 ft. AC power cord with NEMA 5-15P plug Plug-and-play—no configuration necessary

Highlights

- 16 auto-negotiable 10/100/1000 Mbps PoE+ RJ45 ports
- Up to 30W PoE+ per port; 230W 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

- NG16POE 16-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch
- Detachable AC power cord with NEMA 5-15P plug, 6 ft.
- (2) Rack-mounting brackets
- (8) Screws
- (4) Rubber feet
- Owner's manual



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

OVERVIEW	
UPC Code	037332194800
INPUT	
Electrical Consumption	400W maximum power consumption (at 100% switching capacity with 230W POE consumption)
Nominal Input Voltage Description	100-240V AC nominal input
Plug Type	Detachable NEMA 5-15P input cord
Input Frequency	50/60 Hz
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power LED (Red); Two LEDs per RJ-45 port (UPPER LED: Green indicates 10/100Mbps link; Orange indicates 1000Mbps link; LEDs flash to indicate port activity / LOWER LED: Amber indicates POE is active)
PHYSICAL	
Color	Black
Form Factors Supported	Desktop, Rackmount
Primary Form Factor	Desktop; Rackmount
Rack Height	1U
Shipping Dimensions (hwd / cm)	8.79 x 55.50 x 29.49
Shipping Dimensions (hwd / in.)	3.46 x 21.85 x 11.61
Shipping Weight (kg)	3.88
Shipping Weight (lbs.)	8.56
Unit Dimensions (hwd / cm)	4.4 x 44.2 x 20.8
Unit Dimensions (hwd / in.)	1.73 x 17.4 x 8.19
Unit Weight (kg)	2.80
Unit Weight (lbs.)	6.17
ENVIRONMENTAL	
Storage Temperature Range	14 to 158F (-10 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	(16) 10/100/1000 (RJ45)
PoE Supported Ports	16
PoE Capability	30W (802.3at)
PoE Power Budget (Watts)	230
SPECIAL FEATURES	
Grounding Lug	Includes back panel grounding lug
CERTIFICATIONS	
Certifications	Compliant Standards: IEEE 802.3ab (1000BASE-T GIGABIT ETHERNET), IEEE 802.3i (10BASE-T ETHERNET), IEEE 802.3x (FULL DUPLEX/FLOW CONTROL), IEEE 802.3 (NWAY AUTO-NEGOTIATION), 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 A (Emissions)
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

© 2019 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>