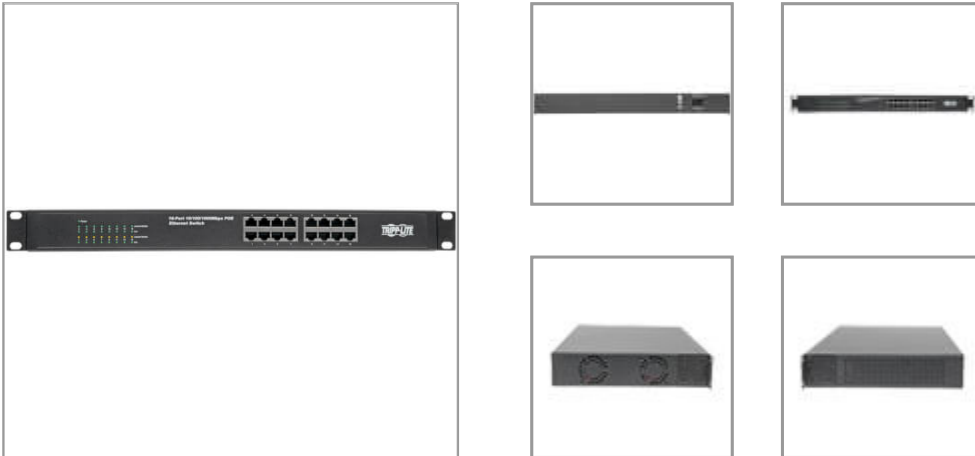


16-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch with PoE+, 230W, Metal Housing

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 |
| Product Type | Network Switch |
| 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 Temperature | 32 to 104F (0 to 40C) |
| Power Consumption (Watts) | 400 |
| Power Consumption Detail | Maximum power consumption is at 100% switching capacity with 230W POE consumption. |
| 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 |
| STANDARDS & COMPLIANCE | |
| 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 |

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