

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

MODEL NUMBER: NG8POE



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.

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 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

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

Heavy-Duty Metal HousingNo-fan design for silent operationDetachable 5 ft. AC power cord with NEMA 5-15P plugPlug-and-play with no configuration required

Versatile Installation OptionsIncludes rubber feet for secure placement on flat desktop surfaceMounts in 1U of EIA-standard 19 in. rack with included bracketsGrounding lug included

Works with the Most Popular Web Browsers

The NG8POE is browser-based and works independently from the connected computer's operating system. Because switch compatibility is based on common hardware standards, rather than system software dependencies, the NG8POE accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Specifications

| OVERVIEW | |
|---------------------------------------|---|
| UPC Code | 037332194787 |
| Product Type | Unmanaged Switch |
| INPUT | |
| Electrical Consumption (Max) | 147W |
| Electrical Consumption (Max PoE Load) | 140W |
| Nominal Input Voltage Description | 100-240V AC nominal input |
| Plug Type | Detachable NEMA 5-15P input cord |
| Voltage Compatibility (VAC) | 100-240 |
| Input Frequency | 50/60 Hz |
| Input Plug Type | NEMA 5-15P |
| Input Cord Length (ft.) | 5 |
| Input Cord Length (m) | 1.52 |
| POWER | |
| Power Consumption (Watts) | 147 |
| Power Consumption Detail | Maximum power consumption is at 100% switching capacity with 140W POE consumption. |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Power LED (Green for Power On); Two LEDs per RJ45 port (UPPER LED: Green indicates 10/100Mbps link; Amber indicates 1000Mbps link; LEDs flash to indicate port activity / LOWER LED: Amber 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 |
| Color | Black |

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|--------------------------------------|-----------------------------------|
| Rack Height | 1U |
| Form Factors Supported | Desktop, Rackmount |
| Shipping Dimensions (hwd / in.) | 3.00 x 9.60 x 17.20 |
| Shipping Dimensions (hwd / cm) | 7.62 x 24.38 x 43.69 |
| Shipping Weight (lbs.) | 5.90 |
| Shipping Weight (kg) | 2.68 |
| Unit Dimensions (hwd / in.) | 1.730 x 11.020 x 7.090 |
| Unit Dimensions (hwd / cm) | 4.39 x 27.99 x 18.01 |
| Unit Weight (lbs.) | 4.1 |
| Unit Weight (kg) | 1.86 |
| Rack Units | 1 |
| ENVIRONMENTAL | |
| Storage Temperature Range | -40° to 158°F (-40° to 70°C) |
| Relative Humidity | 10% to 90% (Non-Condensing) |
| Operating Temperature | 32 to 104 F (0 to 40 C) |
| COMMUNICATIONS | |
| Network Compatibility | 1 Gbps (Gigabit) |
| Network Compatibility Details | Auto-negotiable |
| Switching Capacity | 16 Gbps |
| Switching Capacity Details | 2 Gbps per port with full duplex |
| CONNECTIONS | |
| Number of Ports | 8 |
| RJ45 Ports | 8 |
| RJ45 Ports Detail | 8x 10/100/1000BASE-T |
| SFP Uplink Ports | 0 |
| PoE Capability | 30W (802.3at) |
| PoE Power Budget (Watts) | 140 |
| PoE Supported Ports | 8 |
| Network Switch Ports | (8) 10/100/1000 (RJ45) |
| PoE Type | Type 2 PoE+ (30W, IEEE 802.3at) |
| FEATURES & SPECIFICATIONS | |
| Grounding Details | Includes back panel grounding lug |
| Jumbo Frames | 9000 |

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|-------------------------------------|---|
| Console Port | No |
| MAC Auto Learning | Yes |
| 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. 60950-1 (Canada); NOM (Mexico); UL 60950-1 |
| Product Compliance | RoHS; IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3at PoE+; IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; FCC Part 15 Class B (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 5-year limited warranty |