

## 5-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch with PoE+, 75W

MODEL NUMBER: NG5POE



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 NG5POE 5-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. Four ports support up to 26W each with a total PoE budget of 75W. 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 five 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 NG5POE 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

#### Highlights

- 5 auto-negotiable 10/100/1000 Mbps RJ45 ports
- 4 ports support 26W PoE+ each; 75W 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

- NG5POE 5-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



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

- 5 twisted-pair RJ45 Gigabit Ethernet ports
- Auto-negotiable 10/100/1000 Mbps
- Automatic MDI/MDIX cross-over detection
- 10 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)

### 75W Total PoE+ Budget

- 4 ports support up to 26W 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

| OVERVIEW                          |   |
|-----------------------------------|---|
| UPC Code                          | 037332194794  |
| Product Type                      | Network Switch  |
| INPUT                             |   |
| Electrical Consumption            | 78W maximum power consumption (at 100% switching capacity and 75W continuous 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.)           | 5   |



|  |   |
|--|---|
| Input Cord Length (m)                        | 1.52  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| LED Indicators                               | Power LED (Green for Power On); PORTS 1-4 include two LEDs per 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); PORT 5 includes one LED only (Green indicates 10/100Mbps link; Amber indicates 1000Mbps link; LEDs flash to indicate port activity) |
| <b>PHYSICAL</b>                              |   |
| Color  | Black   |
| Form Factors Supported                       | Desktop, Rackmount  |
| Primary Form Factor                          | Desktop; Rackmount  |
| Rack Height                                  | 1U  |
| Shipping Dimensions (hwd / cm)               | 7.62 x 24.64 x 43.94  |
| Shipping Dimensions (hwd / in.)              | 3.00 x 9.70 x 17.30   |
| Shipping Weight (kg)                         | 2.13  |
| Shipping Weight (lbs.)                       | 4.70  |
| Unit Dimensions (hwd / cm)                   | 4.44 x 27.99 x 17.88  |
| Unit Dimensions (hwd / in.)                  | 1.75 x 11.02 x 7.04   |
| Unit Weight (kg)                             | 1.43  |
| Unit Weight (lbs.)                           | 3.15  |
| <b>ENVIRONMENTAL</b>                         |   |
| Storage Temperature Range                    | -40 to 158F (-40 to 70C)  |
| Relative Humidity                            | 10 to 90% (non-condensing)  |
| Operating Temperature                        | 32 to 104F (0 to 40C)   |
| Power Consumption (Watts)                    | 78  |
| Power Consumption Detail                     | Maximum power consumption is at 100% switching capacity with 75W POE consumption.   |
| <b>CONNECTIONS</b>                           |   |
| Network Switch Ports                         | (5) 10/100/1000 (RJ45)  |
| PoE Supported Ports                          | 4   |
| PoE Capability                               | 30W (802.3at)   |
| PoE Power Budget (Watts)                     | 75  |
| <b>SPECIAL FEATURES</b>                      |   |
| Grounding Lug                                | Includes back panel grounding lug   |
| <b>STANDARDS &amp; COMPLIANCE</b>            |   |



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|-------------------------------------|---|
| 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)   |
| <b>WARRANTY</b>                     |   |
| Product Warranty Period (Worldwide) | 5-year limited warranty   |

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