

## 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

**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

### 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

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

**Works with the Most Popular Web Browsers**

The NG5POE 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 NG5POE accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

## Specifications

OVERVIEW	
UPC Code	037332194794
Product Type	Unmanaged Switch
INPUT	
Electrical Consumption (Max)	78W
Electrical Consumption (Max PoE Load)	75W
Nominal Input Voltage Description	100-240V AC nominal input
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)	78
Power Consumption Detail	Maximum power consumption is at 100% switching capacity with 75W POE consumption.
CONNECTIONS	
Number of Ports	5
Ports	5
Ports Detail	5x 10/100/1000BASE-T
SFP Uplink Ports	0
PoE Capability	30W (802.3at)
PoE Power Budget (Watts)	75
PoE Supported Ports	4
Network Switch Ports	(5) 10/100/1000 (RJ45)



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PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
<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>	
Primary Form Factor	Desktop; Rackmount
Color	Black
Rack Height	1U
Form Factors Supported	Desktop, Rackmount
Shipping Dimensions (hwd / in.)	3.00 x 9.70 x 17.30
Shipping Dimensions (hwd / cm)	7.62 x 24.64 x 43.94
Shipping Weight (lbs.)	4.70
Shipping Weight (kg)	2.13
Unit Dimensions (hwd / in.)	1.750 x 11.020 x 7.040
Unit Dimensions (hwd / cm)	4.44 x 27.99 x 17.88
Unit Weight (lbs.)	3.15
Unit Weight (kg)	1.43
Rack Units	1
<b>ENVIRONMENTAL</b>	
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)
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	10 Gbps
Switching Capacity Details	2 Gbps per port with full duplex
<b>FEATURES &amp; SPECIFICATIONS</b>	
Grounding Details	Includes back panel grounding lug
Jumbo Frames	9000
Console Port	No
MAC Auto Learning	Yes
RMON	No



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SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
Fans (Type/Quantity)	Fanless
<b>STANDARDS &amp; COMPLIANCE</b>	
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)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	5-year limited warranty

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