

## 5-Port 10/100/1000 Mbps PoE-Powered Desktop Gigabit Ethernet Unmanaged Switch with PoE+ Pass-Through, 65W, Metal Enclosure

MODEL NUMBER: NG5POE-1



Provides a Gigabit Ethernet connection and power for PoE devices in your small office network or workgroup.

### Features

#### 5-Port Unmanaged Gigabit Ethernet Switch for Home Offices and Workgroups

The energy-efficient NG5POE-1 network switch connects up to five devices to a Gigabit Ethernet network and allows them to communicate with each other. It's recommended for your home network, small office, workgroup or creative production environment. It helps you share large bandwidth-intensive files, such as CAD drawings and videos, at Gigabit (1000 Mbps/1 Gbps) speeds, improving efficiency and cutting costly downtime.

#### Maximum Network Functionality

The NG5POE-1 features five twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX functionality, so crossover cables and uplink ports are not needed for connections to PCs, routers and other switches. No configuration is required, so you can have your Gigabit network up and running immediately. IEEE 802.3x flow control (full duplex), back pressure (half duplex) and 10 Gbps switching capacity (2 Gbps per port with full duplex) allow smooth transmission of large files.

#### Supports Power over Ethernet to Save You Money and Give You More Installation Choices

When you connect the PD port (Port 1) to a PoE-enabled, IEEE 802.3af/at-compliant PoE injector, midspan or switch, the NG5POE-1 draws power from that device to power itself and passes the available surplus power to up to four PoE edge devices, such as VoIP phones and security cameras, allowing you to realize the full potential of each of the power sourcing equipment (PSE) ports in your network. Four RJ45 ports support up to 30W each with a total PoE budget of 60W when using the included AC power adapter.

#### Complies with IEEE Energy Efficient Ethernet Standards

The NG5POE-1 supports IEEE 802.3az Energy Efficient Ethernet standards by automatically shifting unused ports into a low-power state without interrupting network connections. It also meets IEEE 802.3ab, 802.3i and 802.3u standards.

#### Plug-and-Play Functionality for Easy Use

No configuration is required in setting up the unmanaged NG5POE-1, so you can have your 10/100/1000 Mbps network up and running immediately. Cat5/5e/6/6a UTP/STP cables (sold separately) provide optimal performance. Easy-to-read LEDs indicate connection and activity status for each port. The

### Highlights

- Supports PoE to save you expense and effort of powering PoE devices individually
- 5 twisted-pair auto-negotiable RJ45 ports support auto MDI/MDIX functionality
- Unused ports shift into low-power state without interrupting network connection
- IEEE friendly: supports 802.3az Energy Efficient Ethernet standards
- Designed for either desktop installation or wall mounting with keyhole tabs

### Package Includes

- NG5POE-1 5-Port Gigabit Ethernet Unmanaged Switch with PoE+
- External Power Supply (Input: 100–240V, 50/60 Hz, 1.5A; Max Output: 51V 1.25A)
- NEMA 5-15P to C13 power cord, 5 ft. (1.5 m)
- Schuko to C13 power cord, 5 ft. (1.5 m)
- Owner's manual



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NG5POE-1 supports MAC address auto-learning and auto-aging for efficient routing.

**Heavy-Duty Metal Enclosure with Versatile Installation Options**

This plug-and-play switch comes with an external power supply and two detachable power cords: NEMA 5-15P and Schuko. Both power cords connect to the power supply's C14 inlet. The housing contains no fan, resulting in silent operation. The NG5POE-1 is designed for desktop placement, but also features keyhole tabs for optional wall mounting.

## Specifications

OVERVIEW	
UPC Code	037332287175
Product Type	Unmanaged Switch
INPUT	
Electrical Consumption (Max)	63.75W
AC Power Adapter Input Specs (V / Hz / A)	100-240V AC-, 50/60Hz
Electrical Consumption (Max PoE Load)	60W
Voltage Compatibility (VAC)	110-240
Input Plug Type	NEMA 5-15P; Schuko
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Power Source	AC Adapter
POWER	
Power Consumption (Watts)	63.75
Output Volt/Amp (from external power supply)	5V, 1.25A
CONNECTIONS	
Number of Ports	5
Ports	5
Ports Detail	5x 10/100/1000Mbps, Auto-Negotiable MDI/MDIX
SFP Uplink Ports	0
PoE Capability	60W (802.3bt)
PoE Power Budget (Watts)	60
PoE Port Description	Total power budget of 60 watts when using AC power. Total power budget of 26 watts when powered via PD input port. Power output up to 30 watts per port
PoE Supported Ports	5
Network Switch Ports	(5) 10/100/1000 (RJ45)



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PoE Type	Type 3 PoE++/UPoE (60W, IEEE 802.3bt)
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	(x1) PWR, (x5) Link/ACT, (x4) POE
<b>PHYSICAL</b>	
Primary Form Factor	Desktop; Wall-mount
Color	Black
Material of Construction	Metal
Form Factors Supported	Desktop, Wall mount
Shipping Dimensions (hwd / in.)	7.48 x 6.81 x 3.54
Shipping Dimensions (hwd / cm)	19.00 x 17.30 x 8.99
Shipping Weight (lbs.)	1.96
Shipping Weight (kg)	0.89
Unit Dimensions (hwd / in.)	1.100 x 5.510 x 3.070
Unit Dimensions (hwd / cm)	2.79x14.00x7.80
Unit Weight (lbs.)	1.68
Unit Weight (kg)	0.76
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	32° to 158°F (0° to 70°C)
Storage Humidity Range	5% - 90%, RH (Non-condensing)
<b>COMMUNICATIONS</b>	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	10Gbps
Switching Capacity Details	2Gbps per port with full duplex
<b>FEATURES &amp; SPECIFICATIONS</b>	
Jumbo Frames	9216
Console Port	No
MAC Auto Learning	Yes
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No



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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); EN 55032; EN 55035; NOM (Mexico); UL 60950-1
Product Compliance	CE (Europe); FCC Part 15 Class A (USA); FCC Part 15 Class B (USA); IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; 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; RoHS; UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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