

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



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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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Form Factors Supported	Desktop, Rackmount
Rack Height	1U
Shipping Dimensions (hwd / cm)	7.62 x 24.38 x 43.69
Shipping Dimensions (hwd / in.)	3.00 x 9.60 x 17.20
Shipping Weight (kg)	2.68
Shipping Weight (lbs.)	5.90
Unit Dimensions (hwd / in.)	1.73 x 11.02 x 7.09
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 158F (-40 to 70C)
Relative Humidity	10 to 90% (non-condensing)
Operating Temperature	32 to 104F (0 to 40C)
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	
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)
FEATURES & SPECIFICATIONS	
Grounding Lug	Includes back panel grounding lug
Fans (Type/Quantity)	Fanless
Jumbo Frames	9000
Console Port	No



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MAC Auto Learning	Yes
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
STANDARDS & COMPLIANCE	
Certification & Compliance	RoHS; IEEE 802.3ab 1000Base-T; IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; IEEE 802.3 Auto-Negotiation; IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3at PoE+; UL 60950-1; CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); FCC Part 15 Class B (USA)
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

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