

## 5-Port 2.5 Gbps Desktop Gigabit Ethernet Unmanaged Switch with PoE+ Pass-Through, 70W, Metal Enclosure, TAA

MODEL NUMBER: NG5POE-M2



Provides a 2.5 Gb Ethernet connection and power for PoE devices in your small office network or workgroup.

### Features

#### 5-Port Unmanaged 2.5 Gigabit Ethernet Switch for Home Offices and Workgroups

The energy-efficient NG5POE-M2 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 2.5 Gigabit (2.5 Gbps) speeds, improving efficiency and cutting costly downtime.

#### Maximum Network Functionality

The NG5POE-M2 features five twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 2.5 Gbps 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 45 Gbps switching capacity allow smooth transmission of large files. One 10 Gbps SFP+ port is included for uplinking data to other switches using optical fiber cabling.

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

Because this network switch supports PoE, it can supply the power to operate compatible PoE devices, such as wireless LAN access points and bridges, VoIP phones and IP video cameras. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings. Four RJ45 ports support up to 30W each with a total PoE budget of 70W when using the included AC power adapter.

#### Complies with IEEE Energy Efficient Ethernet Standards

The NG5POE-M2 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-M2, so you can have your 2.5 Gbps 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 NG5POE-M2 supports MAC address auto-learning and auto-aging for efficient routing.

### Highlights

- Capable of 2.5 Gb Ethernet network speeds ideal for high-bandwidth applications
- 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

### Package Includes

- NG5POE-M2 5-Port 2.5 Gb Unmanaged Switch
- External power supply
- NEMA 5-15P to C13 power cord, 5 ft. (1.5 m)
- Schuko to C13 power cord, 5 ft. (1.5 m)
- Rubber mounting feet
- Owner's manual



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**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-M2 is designed for desktop placement, but also features keyhole tabs for optional wall mounting.

## Specifications

OVERVIEW	
UPC Code	037332287168
Product Type	Unmanaged Network Switch
INPUT	
Electrical Consumption (Max)	90.2W
AC Power Adapter Input Specs (V / Hz / A)	100-240V AC-, 50/60Hz
Electrical Consumption (Max PoE Load)	70W
Voltage Compatibility (VAC)	100-240
Input Frequency	50/60 Hz
Input Plug Type	NEMA 5-15P; Schuko
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Power Source	AC Adapter with detachable power cord
POWER	
Power Consumption (Watts)	90.20
Output Volt/Amp (from external power supply)	55VDC, 1.3A
Power Consumption Detail	58W (maximum)
CONNECTIONS	
Number of Ports	6
Ports	6
Ports Detail	(x5) 2.5Gigabit RJ45 Ethernet Ports1x 10Gb SFP+ Port
SFP Uplink Ports	1
SFP Uplink Ports Detail	(x1) 10Gb SFP+ port
PoE Capability	30W (802.3at)
PoE Power Budget (Watts)	70
PoE Port Description	Alert: 60W; Budget: 70W. Maximum output :30W per each PoE port
PoE Supported Ports	4



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Network Switch Ports	(5) 10/100/1000 (RJ45)
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	(x1 Green) PWR, (x4 Green) PoE, (x1 Green) PoE/Max, (x6 Amber) 100M/1000M Link, (x6 Green) 2.5Gb Link
<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.)	3.07 x 8.27 x 5.20
Shipping Dimensions (hwd / cm)	7.80 x 21.01 x 13.21
Shipping Weight (lbs.)	2.43
Shipping Weight (kg)	1.10
Unit Dimensions (hwd / in.)	1.020 x 6.300 x 4.330
Unit Dimensions (hwd / cm)	2.59 x 16.00 x 11.00
Unit Weight (lbs.)	1.1
Unit Weight (kg)	0.50
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	0° to 104°F (0° to 40°C)
Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Relative Humidity	5% - 90%, RH (Non-condensing)
Storage Humidity Range	5% - 90%, RH (Non-condensing)
<b>COMMUNICATIONS</b>	
Network Compatibility	100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps
Network Compatibility Details	Auto-negotiable
Switching Capacity	45Gbps
Switching Capacity Details	5Gbps per port with full duplex
<b>FEATURES &amp; SPECIFICATIONS</b>	
Jumbo Frames	12000
Console Port	No
MAC Auto Learning	No
MAC Addresses	4000
RMON	No



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SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	No
Fans (Type/Quantity)	Fanless
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	EN 55032; EN 55035; NOM (Mexico)
Product Compliance	CE (Europe); 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 802.3bt PoE++; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; RoHS; Trade Agreements Act (TAA); UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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