

8-Port 10/100/1000 Mbps Desktop Gigabit Ethernet Unmanaged Switch, Metal Enclosure

MODEL NUMBER: NG8-1



Provides a Gigabit Ethernet connection for multiple devices in your home or small office network, workgroup or data center.

Features

8-Port Unmanaged Gigabit Ethernet Switch for Home Offices and Workgroups

The energy-efficient NG8-1 network switch connects up to eight devices, such as computers, routers, printers and servers, to a Gigabit Ethernet network and allows them to communicate with each other. It's recommended for your home network, small office or data center, 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 NG8-1 features eight 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) and back pressure (half duplex) allow smooth transmission of large files.

Complies with IEEE Energy Efficient Ethernet Standards

The NG8-1 supports IEEE 802.3az Energy Efficient Ethernet standards by automatically shifting unused ports into a low-power state without interrupting network connections. It consumes very little input power—just 2.75W. 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 NG8-1, 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 NG8-1 supports MAC address auto-learning and auto-aging for efficient routing.

Heavy-Duty Metal Enclosure with Versatile Installation Options

This rugged switch features a detachable five-foot (1.5-meter) power cord with NEMA 1-15P plug that connects to a protected UPS or standard AC outlet. The housing contains no fan, resulting in silent operation. The NG8-1 is designed for desktop placement, but also features keyhole tabs for optional wall mounting.

Specifications

Highlights

- Helps you share large bandwidth-intensive files to improve work efficiency
- 8 twisted-pair auto-negotiable RJ45 ports support auto MDI/MDIX functionality
- Unused ports shift into low-power state without interrupting network connection
- Consumes just 2.75W maximum input power to save energy costs
- Designed for either desktop installation or wall mounting with keyhole tabs

Package Includes

- NG8-1 8-Port Gigabit Ethernet Unmanaged Switch
- External Power Supply (Input: 100–240V, 50/60 Hz, 0.25A; Max Output: 5V 1000mA) with NEMA 1-15P plug
- Owner's manual

OVERVIEW	
UPC Code	037332287182
Product Type	Unmanaged Switch
INPUT	
Electrical Consumption (Max)	2.75W
AC Power Adapter Input Specs (V / Hz / A)	100-240V AC-, 50/60Hz
Nominal Input Voltage Description	Included 5V DC output power adapter accepts 100-240V AC nominal input
Voltage Compatibility (VAC)	100-240
Input Plug Type	NEMA 1-15P
Input Cord Length (ft.)	0.25
Input Cord Length (m)	0.08
Power Source	AC Adapter
POWER	
Power Consumption (Watts)	2.75
Output Volt/Amp (from external power supply)	5V, 1A
CONNECTIONS	
Number of Ports	8
Ports	8
Ports Detail	(8) 10/100/1000Mb RJ45 Female
SFP Uplink Ports	0
Network Switch Ports	(8) 10/100/1000 (RJ45)
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x1) PWR(x8) 1-8 Port/Status LED
PHYSICAL	
Primary Form Factor	Desktop; Wall-mount
Color	Black
Material of Construction	Metal
Form Factors Supported	Desktop, Wall mount
Shipping Dimensions (hwd / in.)	5.83 x 3.35 x 2.52
Shipping Dimensions (hwd / cm)	14.81 x 8.51 x 6.40
Shipping Weight (lbs.)	0.71



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Shipping Weight (kg)	0.32
Unit Dimensions (hwd / in.)	1.100 x 5.500 x 3.000
Unit Dimensions (hwd / cm)	2.79x13.97x7.62
Unit Weight (lbs.)	0.53
Unit Weight (kg)	0.24
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Operating Humidity Range	10% - 90%, RH (Non-condensing)
Storage Humidity Range	5% - 90%, RH (Non-condensing)
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	16Gbps
Switching Capacity Details	2Gbps per port with full duplex
FEATURES & SPECIFICATIONS	
Jumbo Frames	9
Console Port	No
MAC Auto Learning	No
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	No
Fans (Type/Quantity)	Fanless
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); EN 55032; EN 55035; NOM (Mexico); UL 62368-1
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); IEEE 802.3ab 1000Base-T; IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



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1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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