

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

MODEL NUMBER: NG8



Energy-efficient unmanaged switch sets up in seconds with no configuration required. Provides a Gigabit network connection for multiple devices. Ideal for home or small offices, workgroups and creative production environments.

### Description

The NG8 8-Port 10/100/1000 Mbps Desktop Gigabit Ethernet Unmanaged Switch adds 10/100/1000 Mbps Ethernet capacity to your home office, small office, workgroup or creative production environment. Share large bandwidth-intensive files, such as CAD drawings and videos, at Gigabit speeds, improving efficiency and cutting costly downtime.

This desktop switch features eight twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX cross-over detection functions for convenient plug-and-play capability. No configuration is required, so you can have your Gigabit network up and running immediately. Easy-to-read LEDs indicate connection and activity status for each port. IEEE 802.3x flow control allows smooth transmission of large files.

The NG8 supports IEEE 802.3az Energy Efficient Ethernet standards by putting unused ports into a low-power state without interrupting network connections. It consumes very little input power—just a single watt. The detachable five-foot input cord with NEMA 1-15P plug connects to a protected UPS, generator or mains input AC source. The heavy-duty metal housing includes keyhole tabs for optional wall-mounting.

### Features

**Unmanaged Network Switch for Home/Small Offices or Workgroups** 8 twisted-pair RJ45 Gigabit Ethernet ports  
Auto-negotiable 10/100/1000 Mbps  
Automatic MDI/MDIX cross-over detection  
16 Gbps switching capacity (2 Gbps per port with full duplex)  
Easy-to-read LEDs indicate connection and activity status for each port  
Supports 9k jumbo frames  
MAC address table capacity of up to 4k addresses with automatic learning and aging  
Supports 802.3x flow control (full duplex) and back pressure (half duplex)  
**Compliant with IEEE 802.3az Energy Efficient Ethernet Standards** Automatically shifts unused ports to low-power state without interrupting network connection  
Consumes very little input power—just 1W  
Also meets IEEE 802.3ab, 802.3i, 802.3u and 802.3 standards

### Highlights

- 8 auto-negotiable 10/100/1000 Mbps RJ45 ports
- Supports auto MDI/MDIX cross-over function
- Consumes very little input power—just 1W
- 2 Gbps switching capacity per port with full duplex
- Plug and play with no configuration required

### Package Includes

- NG8 8-Port 10/100/1000 Mbps Desktop Gigabit Ethernet Unmanaged Switch
- External power supply w/NEMA 1-15P plug and 5 ft. cord
- Owner's manual



**Heavy-Duty Metal Housing** Fanless design for silent operation Detachable 5 ft. AC power cord with NEMA 1-15P plug Plug-and-play—no configuration necessary Keyhole tabs for optional wall-mounting

## Specifications

OVERVIEW	
UPC Code	037332194756
INPUT	
Electrical Consumption	1W power consumption at 5V DC
Nominal Input Voltage Description	Included 5V DC output power adapter accepts 100-240V AC nominal input
Plug Type	Power adapter includes NEMA 1-15P non-polarized input plug
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power LED (Green for Power On); One LED per RJ-45 port (Green indicates 10/100Mbps link; Amber indicates 1000Mbps link; LEDs flash to indicate port activity)
PHYSICAL	
Color	Black
Form Factors Supported	Desktop, Wall mount
Primary Form Factor	Desktop
Shipping Dimensions (hwd / cm)	9.65 x 11.68 x 16.51
Shipping Dimensions (hwd / in.)	3.80 x 4.60 x 6.50
Shipping Weight (kg)	0.50
Shipping Weight (lbs.)	1.10
Unit Dimensions (hwd / cm)	2.8 x 14.0 x 7.7
Unit Dimensions (hwd / in.)	1.1 x 5.53 x 3.05
Unit Weight (kg)	0.29
Unit Weight (lbs.)	.63
ENVIRONMENTAL	
Storage Temperature Range	14 to 158F (-10 to 70C)
Relative Humidity	10 to 90% (non-condensing)
Operating Temperature	32 to 104F (0 to 40C)
CONNECTIONS	



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Network Switch Ports	(8) 10/100/1000 (RJ45)
<b>CERTIFICATIONS</b>	
Certifications	Compliant Standards: IEEE 802.3ab (1000BASE-T GIGABIT ETHERNET), IEEE 802.3i (10BASE-T ETHERNET), IEEE 802.3u (100BASE-T ETHERNET), IEEE 802.3x (FULL DUPLEX/FLOW CONTROL), IEEE 802.3 (NWAY AUTO-NEGOTIATION), 802.3az (ENERGY EFFICIENT ETHERNET)
Approvals	Tested to North American and International safety and EMI standards EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013, IEC 60950-1:2005+A1:2009+A2:2013; FCC CLASS B, EN55022:2010+AC:2011, EN55024:2010, NOM, RoHS Compliant
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	5-year limited warranty

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