16-Port 10/100/1000 Mbps 1U Rack-Mount/Desktop Gigabit Ethernet Unmanaged Switch, Metal Housing

MODEL NUMBER: **NG16**

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.

Highlights

- 16 auto-negotiable 10/100/1000 Mbps RJ45 ports
- Supports auto MDI/MDIX cross-over function
- Consumes very little input power—just 7W max
- 2 Gbps switching capacity per port with full duplex
- Plug-and-play with no configuration required

Package Includes

- NG16 16-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

Description

The NG16 16-Port 10/100/1000 Mbps 1U Rack-Mount/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 rack-mount/desktop switch features 16 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 NG16 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 seven watts max. The detachable five-foot input cord with NEMA 5-15P plug connects to a protected UPS, generator or mains input 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 or Workgroups16 twisted-pair RJ45 Gigabit Ethernet portsAuto-negotiable 10/100/1000 MbpsAutomatic MDI/MDIX cross-over detection32 Gbps switching capacity (2 Gbps per port with full duplex)Easy-to-read LEDs indicate connection and activity status for each portSupports 9k jumbo framesSupports MAC address auto-learning and auto-agingSupports 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 connectionConsumes very little input power—just 7W maxAlso meets IEEE 802.3ab, 802.3i, 802.3u and 802.3 standards

Heavy-Duty Metal Housing Fanless design for silent operationDetachable 5 ft. AC power cord with NEMA 5-15P plugPlug-and-play—no configuration necessary

Versatile Installation Options Includes 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 NG16 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 NG16 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Specifications

OVERVIEW	
UPC Code	037332194725
Product Type	Unmanaged Switch

INPUT	
Electrical Consumption (Max)	7W
Nominal Input Voltage Description	Accepts 100-240V AC nominal input
Plug Type	Includes NEMA 5-15P input plug
Voltage Compatibility (VAC)	100-240
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52

POWER	
Power Consumption (Watts)	7

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power LED (Green for Power On); One LED per RJ45 port (Green indicates 10/100Mbps link; Amber indicates 1000Mbps link; LEDs flash to indicate port activity)

PHYSICAL	
Primary Form Factor	Desktop; Rackmount
Color	Black
Form Factors Supported	Desktop, Rackmount
Shipping Dimensions (hwd / cm)	6.60 x 25.80 x 34.00
Shipping Dimensions (hwd / in.)	2.59 x 10.15 x 13.38
Shipping Weight (kg)	2.23
Shipping Weight (lbs.)	4.91
Unit Dimensions (hwd / in.)	4.96 x 11.02 x 1.73
Unit Dimensions (hwd / cm)	12.5 x 27.9 x 4.39

Unit Weight (lbs.)	3.2
Unit Weight (kg)	1.45
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	32 Gbps
Switching Capacity Details	2 Gbps per port with full duplex

CONNECTIONS

Number of Ports	16
RJ45 Ports	16
RJ45 Ports Detail	16x 10/100/1000BASE-T
SFP Uplink Ports	0
PoE Supported Ports	0
Network Switch Ports	(16) 10/100/1000 (RJ45)

FEATURES & SPECIFICATIONS

Fans (Type/Quantity)	Fanless
Jumbo Frames	10000
Console Port	No
MAC Auto Learning	Yes
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes

STANDARDS & COMPLIANCE

Product Compliance	IEEE 802.3 Auto-Negotiation; 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

WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty