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

MODEL NUMBER: **NG24-1**

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

Features

24-Port Unmanaged Gigabit Ethernet Switch for Small Offices and Workgroups
The energy-efficient NG24-1 network switch connects up to 24 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 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 NG24-1 features 24 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 NG24-1 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 10W. 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 NG24-1, 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 NG24-1 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 C13/C14 power cord that connects to a protected UPS or AC wall outlet. The housing contains no fan, resulting in silent operation. The NG24-1 is designed for desktop placement with the included rubber feet or 1U rack mounting using the included brackets.

Specifications

Highlights

- Helps you share large bandwidth-intensive files to improve work efficiency
- 24 twisted-pair auto-negotiable RJ45 ports support auto MDI/MDIX functionality
- Unused ports shift into low-power state without interrupting network connection
- Consumes just 10W maximum input power to help you save energy costs
- Designed for either desktop installation or 1U rack mounting with included hardware

Package Includes

- NG24-1 24-Port Gigabit Ethernet Unmanaged Switch
- Detachable C13 to C14 power cord, 5 ft. (1.5 m)
- (2) Rack-mounting brackets
- (8) Bracket screws
- (4) Rubber feet
- Owner's manual

OVERVIEW	
UPC Code	037332287236
Product Type	Unmanaged Switch

INPUT	
Electrical Consumption (Max)	16W
Nominal Input Voltage Description	Accepts 100-240V AC nominal input
Voltage Compatibility (VAC)	100-240
Input Frequency	50/60 Hz
Input Plug Type	C14
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Power Source	Power Cord

POWER	
Power Consumption (Watts)	10.00
Output Volt/Amp (from external power supply)	12V 1.5A

CONNECTIONS	
Number of Ports	24
Ports	24
Ports Detail	24x 10/100/1000BASE-T
SFP Uplink Ports	0
PoE Supported Ports	0
Network Switch Ports	(24) 10/100/1000 (RJ45)

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

PHYSICAL	
Primary Form Factor	Desktop; Rackmount
Color	Black
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	Desktop, Rackmount
Included Mounting Accessories	Yes

Minimum Required Rack Depth (cm)	18.01
Minimum Required Rack Depth (inches)	7.09
Shipping Dimensions (hwd / in.)	17.24 x 9.65 x 3.03
Shipping Dimensions (hwd / cm)	43.79 x 24.51 x 7.70
Shipping Weight (lbs.)	4.41
Shipping Weight (kg)	2.00
Unit Dimensions (hwd / in.)	1.700 x 11.000 x 7.000
Unit Dimensions (hwd / cm)	27.8x4.24x18.0
Unit Weight (lbs.)	3.2
Unit Weight (kg)	1.45
Rack Units	1

ENVIRONMENTAL

Operating Temperature Range	0° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	10 to 90% (non-condensing)
Operating Temperature	32 to 104 F (0 to 40 C)
Storage Humidity Range	5% - 90%, RH (Non-condensing)

COMMUNICATIONS

Network Compatibility	1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	48 Gbps
Switching Capacity Details	2 Gbps per port with full duplex

FEATURES & SPECIFICATIONS

Jumbo Frames	10000
Console Port	No
MAC Auto Learning	Yes
MAC Addresses	8192
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
Fans (Type/Quantity)	Fanless

STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); ICES (Canada); IEC 62368-1; UL 62368-1
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); 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; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty