

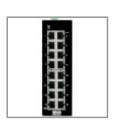


16-Port Unmanaged Industrial Gigabit Ethernet Switch - 10/100/1000 Mbps, DIN Mount, TAA

MODEL NUMBER: NGI-U16











Industrial-grade switch expands Ethernet connectivity to factory floors and other environments with space constraints and wide temperature ranges.

Features

16-Port Unmanaged Gigabit Ethernet Switch Connects Your Devices to a LAN

This space-saving switch transmits data over a Gigabit Ethernet network. Sixteen auto-negotiating 10/100/1000 Mbps ports send data only to the devices designated to receive it, which improves the efficiency and potential throughput of the network.

Rugged Metal Housing Built to Last in Harsh Environments

The compact NGI-U16 adds 10/100/1000 Mbps Gigabit Ethernet capacity to your industrial and commercial applications, such as factory floors, warehouse operations and other environments with space constraints and wide temperature ranges. The industrial-grade high-strength case withstands vibration, shock and free fall. It can also operate in extreme temperatures ranging from -40 degrees to 167 degrees Fahrenheit.

Unmanaged Switch Requires Little to No Configuration

Quickly connect your network devices with little to no configuration. LEDs indicate when the switch is powered on and which Ethernet ports are showing activity. The NGI-U16 supports MAC address autolearning and auto-aging for efficient routing, as well as automatic MDI/MDI-X crossover detection for plugand-play functionality. IEEE 802.3x flow control allows smooth transmission of large files.

Works with the Most Popular Web Browsers

The NGI-U16 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 NGI-U16 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Pre-Installed DIN Rail Clip Allows for Convenient Installation

The NGI-U16 may be DIN mounted using the pre-installed rail clip, which mounts firmly to any standard 35 mm DIN rail. A 2-pin 12–48VDC terminal block supplies power input. Device power must be supplied by LPS (Limited Power Source) circuit.

TAA-Compliant for GSA Schedule Purchases

The NGI-U16 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- 16 auto-negotiable 10/100/1000 Mbps RJ45 ports connect devices over a LAN
- Industrial-grade switch supports operating temperature range of -40° to 167°F
- Easy-to-read LEDs indicate connection and activity status for all Ethernet ports
- Plug-and-play operation with no software or configuration required before use
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

Expand reliable Gigabit Ethernet connectivity to factory floors and outdoor environments with space constraints and wide temperature ranges

Package Includes

- NGI-U16 16-Port Unmanaged Industrial Gigabit Switch
- DIN rail-mounting clip (preinstalled)
- Owner's manual





Specifications

OVERVIEW		
UPC Code	037332265852	
Product Type	Unmanaged Industrial Gigabit Ethernet Switch	
INPUT		
Maximum Input Amps Details	Maximum of 1.5A DC. The device power shall be supplied by LPS (Limited Power Source)	
Voltage Compatibility (VDC)	12-48	
Power Source	2-Pin Terminal Block	
POWER		
Power Consumption (Watts)	12.00	
Power Consumption Detail	12	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	1- Power ON/OFF(Green), 2- 1000(Green) for Ethernet speed 1000Mbps, 3- LNK/ACT(Green) for data Transmitting/Receiving	
PHYSICAL		
Primary Form Factor	DIN-Rail	
Color	Black	
Material of Construction	Metal casing	
Form Factors Supported	DIN-Rail Mountable	
Unit Dimensions (hwd / in.)	6.300 x 1.970 x 4.720	
Unit Dimensions (hwd / cm)	16 x 5 x 11.93	
Unit Weight (lbs.)	1.98	
Unit Weight (kg)	0.90	
ENVIRONMENTAL		
Operating Temperature Range	-40° to 167°F (-40° to 75°C)	
Storage Temperature Range	-40° to 185°F (-40° to 85°C)	
Relative Humidity	5% to 95% (Non-Condensing)	
ESD Protection	±8kV air discharge / ±4kV contact discharge	
COMMUNICATIONS		
Network Compatibility	1 Gbps (Gigabit)	
Network Compatibility Details	Auto-negotiable	
Switching Capacity	32Gbps	





Switching Capacity Details	1Gbps Per Port with Full Duplex
CONNECTIONS	
Number of Ports	16
Ports	16
Ports Detail	16x 10/100/1000BASE-T
SFP Uplink Ports	0
SFP Uplink Ports Detail	NA NA
PoE Power Budget (Watts)	0
PoE Supported Ports	0
Network Switch Ports	(16) 10/100/1000 (RJ45)
FEATURES & SPECIFICATIONS	
Jumbo Frames	10000
Console Port	No
MAC Auto Learning	Yes
MAC Addresses	8000
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
Fans (Type/Quantity)	Fanless
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); IEEE 802.3 10Base-T; IEEE 802.3 Auto-Negotiation; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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