



8-Port Unmanaged Industrial Gigabit Ethernet Switch - 10/100/1000 Mbps, PoE+ 30W, 2 GbE SFP Slots, -40° to 75°C, DIN Mount, TAA

MODEL NUMBER: NGI-U08C2POE8











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

Features

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

This space-saving Power over Ethernet (PoE) switch transmits both power and data over a Gigabit Ethernet network. Eight 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. The NGI-U08C2POE8 also features two GbE SFP slots for uplinking data to other switches via optical fiber or copper.

PoE+ Ports Deliver Power to Devices Without Access to AC Outlets

This unmanaged switch features eight PoE ports capable of powering compatible devices, such as cameras, sensors, clocks, digital signage and wireless access points, without the need to run separate power lines or install the devices near an AC outlet. The NGI-U08C2POE8 provides PoE+ compatibility up to 30W per port and a PoE budget of 120W at 24VDC or 240W at 48VDC.

Ruggedized Metal Housing Built to Last in Harsh Environments

The compact NGI-U08C2POE8 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 to 75 degrees Celsius (-40 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-U08C2POE8 supports MAC address auto-learning and auto-aging for efficient routing, as well as automatic MDI/MDI-X crossover detection for plug-and-play functionality. IEEE 802.3x flow control allows smooth transmission of large files. A DIP switch supports an alarm relay output in which you can connect an alarm light or buzzer.

Works with the Most Popular Web Browsers

The NGI-U08C2POE8 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-U08C2POE8 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Highlights

- 8 auto-negotiable RJ45 and 2 GbE SFP ports connect devices over a LAN
- PoE+ ports deliver up to 30W each with a 240W total PoE budget @ 48VD
- Industrial-grade switch supports operating temperature range of -40° to 75°C
- 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
- Deliver power to PoE devices, including security cameras and wireless access points, mounted in areas that are difficult to reach or have no electrical outlets

Package Includes

- NGI-U08C2POE8 8-Port Unmanaged Industrial Gigabit Switch
- DIN rail-mounting clip (preinstalled)
- Owner's manual





Pre-Installed DIN Rail Clip Allows for Convenient Installation

The device may be DIN mounted using the pre-installed rail clip, which mounts firmly to any standard 35 mm DIN rail. A 6-pin 24–57VDC terminal block supplies power input.

TAA-Compliant for GSA Schedule Purchases

The NGI-U08C2POE8 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW		
UPC Code	037332266040	
Product Type	Industrial-Grade Switch	
INPUT		
Maximum Input Amps Details	Maximum of 6A	
Voltage Compatibility (VDC)	24-57	
Power Source	6-Pin Terminal Block	
POWER		
Power Consumption (Watts)	14.00	
Power Consumption Detail	254w	
CONNECTIONS		
Number of Ports	8	
Ports	8	
Ports Detail	8- RJ-45F (10/100/1000Mbps) with PoE+	
SFP Uplink Ports	2	
SFP Uplink Ports Detail	2 - SFP (100Base-FX/1000Base-X)	
PoE Capability	30W (802.3at)	
PoE Power Budget (Watts)	240	
PoE Port Description	30W maximum per port	
PoE Supported Ports	8	
Network Switch Ports	(8) 10/100/1000 (RJ45)	
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	1- PWR(Green): for Power; 2- RPS (Green): for Redundant Power; 3- ALM (Rad): for Primary Power or Low I/P voltage; 4- PoE1~8 (Green): for supplying power to PD device; 5- 1000(Green): for Ethernet speed 1000Mbps; 6-LNK/ACT(Green): for data transmitting/receiving; 7- SFP (Green): for data transmitting/receiving	
PHYSICAL		





Printary Port Particle Disk-Rail	Diament Francisco	DIN Dell	
Material of Construction Aluminum casing Form Factors Supported DIN-Rail Mountable Shipping Dimensions (Mod / In.) 2.44 x 9.17 x 7.20 Shipping Dimensions (Mod / In.) 6.20 x 23.29 x 18.29 Shipping Weight (Ros.) 2.34 Shipping Weight (Rog.) 1.06 Unit Dimensions (Mod / In.) 1.970 x 6.300 x 4.720 Unit Weight (Ros.) 2.03 Unit Weight (Ros.) 2.03 ENVIRONMENTAL Very Control of Service (Annual Control	Primary Form Factor	DIN-Rail	
DIN-Rall Mountable			
Shipping Dimensions (hwd / in.) 2.44 x 9.17 x 7.20 Shipping Dimensions (hwd / cm) 6.20 x 23.29 x 18.29 Shipping Weight (bb.) 2.34 Shipping Weight (kg) 1.06 Unit Dimensions (hwd / in.) 1.970 x 6.300 x 4.720 Unit Dimensions (hwd / cm) 16 x 5 x 11.93 Unit Weight (bb.) 2.03 Unit Weight (kg) 0.92 ENVIRONMENTAL Cyperating Temperature Range 4.0° to 167° f (-40° to 75°C) Storage Temperature Range 4.0° to 185° f (-40° to 75°C) Storage Temperature Range 4.0° to 185° f (-40° to 85°C) Relative Humidity 5% to 95% (Non-Condensing) Operating Elevation 0.6562 ft. (0.2000 m) ESD Protection 38kV air discharge / x4kV contact discharge COMMUNICATIONS Network Compatibility Details Auto-negotiable Switching Capacity Details 1 Gbps (Gigabit) Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 1 Gbps per port with full duplex Conside Port No			
Shipping Dimensions (Invd / cm) 6.20 x 23.29 x 18.29 Shipping Weight (bbs) 2.34 Shipping Weight (kg) 1.06 Unit Dimensions (Invd / cm) 1.970 x 6.300 x 4.720 Unit Dimensions (Invd / cm) 1.65 x 11.83 Unit Weight (bbs) 2.03 ENVIRONMENTAL Derating Temperature Range 40° ft 0 16° ft (40° to 75°C) Storage Temperature Range 40° ft 0 16° ft (40° to 85°C) Relative Humidity 5% to 55% (Non-Condensing) Operating Elevation 6.6562 ft. (0-2000 m) ESD Protection 28kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Glgabit) Network Compatibility Details 1 Gbps (Glgabit) Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 1 0000 Console Port No MAC Addresses 8000 MAC Addresses 8000 MAC Addresses 8000 MAC Addresses 8000 <td>Form Factors Supported</td> <td>DIN-Rail Mountable</td>	Form Factors Supported	DIN-Rail Mountable	
Shipping Weight (bb.) 2.34 Shipping Weight (kg) 1.06 Unit Dimensions (hwd / m) 1.970 x 6.300 x 4.720 Unit Dimensions (hwd / cm) 16 x 5 x 11.93 Unit Weight (bb.) 2.03 Unit Weight (kg) 0.92 ENVIRONMENTAL Operating Temperature Range 40° to 167° F (40° to 75°C) Storage Temperature Range 40° to 185° f (40° to 88°C) Relative Humidity 5% to 95% (Non-Condensing) Operating Elevation 66562 ft. (0-2000 m) ESD Protection 48kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 1 0000 Console Port No MAC Addresses 8000 MAC Addresses 8000 SMNP No SIMP No SIMP No DHCP Snooping	Shipping Dimensions (hwd / in.)	2.44 x 9.17 x 7.20	
Shipping Weight (kg) 1.06 Unit Dimensions (nwd / in.) 1.970 x 6.300 x 4.720 Unit Dimensions (hwd / cm) 16 x 5 x 11.93 Unit Weight (lbs.) 2.03 ENVIRONMENTAL Operating Temperature Range 40°F to 167°F (-40° to 75°C) Storage Temperature Range 40°F to 168°F (-40° to 85°C) Relative Humidity 5% to 85% (Non-Condensing) Operating Elevation -6562 ft. (0-2000 m) ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 10000 Console Port No MAC Auto Learning Yes MAC Addresses 8000 SMMP No SMMP No Storm Control No DHCP Snooping No	Shipping Dimensions (hwd / cm)	6.20 x 23.29 x 18.29	
Unit Dimensions (hwd / rm) 1.970 x 6.300 x 4.720 Unit Dimensions (hwd / rm) 16 x 5 x 11.93 Unit Weight (lbs.) 2.03 Unit Weight (kg) 0.92 ENVIRONMENTAL Operating Temperature Range -40° to 185° F (-40° to 75° C) Storage Temperature Range -40° to 185° F (-40° to 85° C) Relative Humidity 5% to 95% (Non-Condensing) Operating Elevation 0-6562 ft. (0-2000 m) ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 1 0000 Console Port No MAC Auto Learning Yes MAC Addresses 8000 RMON No SNMP No SNMP No Storm Control No Auto MUMDIX Crossover Detection Yes	Shipping Weight (lbs.)	2.34	
Unit Dimensions (hwd / cm) 16 x 6 x 11.93 Unit Weight (kg) 2.03 ENVIRONMENTAL Operating Temperature Range -40°F to 187°F (-40° to 75°C) Storage Temperature Range -40°F to 187°F (-40° to 85°C) Relative Humidity 5% to 95% (Non-Condensing) Operating Elevation 0-562 ft. (0-2000 m) ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Alto-regotiable Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-regotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 10000 Console Port No MAC Auto Learning Yes MAC Addresses 8000 RMON No SNMP No Storm Control No OHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	Shipping Weight (kg)	1.06	
Unit Weight (bs.) 2.03 Unit Weight (kg) 0.92 ENVIRONMENTAL Operating Temperature Range -40°F 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) Operating Elevation 0-6562 ft. (0-2000 m) ESD Protection 48V air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 2 Gbps Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 10000 Console Port No MAC Auto Learning Yes MAC Addresses 8000 RMON No SNIMP No Storm Control No DHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	Unit Dimensions (hwd / in.)	1.970 x 6.300 x 4.720	
Unit Weight (kg) 0.92 ENVIRONMENTAL Operating Temperature Range -40°F 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) Operating Elevation 0-6862 ft. (0-2000 m) ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 1 0000 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	Unit Dimensions (hwd / cm)	16 x 5 x 11.93	
ENVIRONMENTAL Operating Temperature Range	Unit Weight (lbs.)	2.03	
Operating Temperature Range -40°F 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) Operating Elevation -6562 ft. (0-2000 m) ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex FEATURES & SPECIFICATIONS Jumbo Frames 10000 Console Port No MAC Auto Learning Yes MAC Addresses 8000 RMON No SNMP No SNMP No Storm Control No DHCP Snooping No Auto-MDIMDIX Crossover Detection Yes	Unit Weight (kg)	0.92	
Storage Temperature Range	ENVIRONMENTAL		
Relative Humidity 5% to 95% (Non-Condensing) Operating Elevation 0-6562 ft. (0-2000 m) ESD Protection 28kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Sps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex 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 MOI/MDIX Crossover Detection Yes	Operating Temperature Range	-40°F to 167°F (-40° to 75°C)	
Operating Elevation 0-6562 ft. (0-2000 m) ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex 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	Storage Temperature Range	-40° to 185°F (-40° to 85°C)	
ESD Protection ±8kV air discharge / ±4kV contact discharge COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps Switching Capacity Details 1 Gbps per port with full duplex 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	Relative Humidity	5% to 95% (Non-Condensing)	
COMMUNICATIONS Network Compatibility	Operating Elevation	0-6562 ft. (0-2000 m)	
Network Compatibility 1 Gbps (Gigabit) Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps 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	ESD Protection	±8kV air discharge / ±4kV contact discharge	
Network Compatibility Details Auto-negotiable Switching Capacity 20 Gbps 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	COMMUNICATIONS		
Switching Capacity Details 1 Gbps per port with full duplex 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	Network Compatibility	1 Gbps (Gigabit)	
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	Network Compatibility Details	Auto-negotiable	
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	Switching Capacity	20 Gbps	
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	Switching Capacity Details	1 Gbps per port with full duplex	
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	FEATURES & SPECIFICATIONS		
MAC Auto LearningYesMAC Addresses8000RMONNoSNMPNoStorm ControlNoDHCP SnoopingNoAuto MDI/MDIX Crossover DetectionYes	Jumbo Frames	10000	
MAC Addresses 8000 RMON No SNMP No Storm Control No DHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	Console Port	No	
RMON No SNMP No Storm Control No DHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	MAC Auto Learning	Yes	
SNMP No Storm Control No DHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	MAC Addresses	8000	
Storm Control No DHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	RMON	No	
DHCP Snooping No Auto MDI/MDIX Crossover Detection Yes	SNMP	No	
Auto MDI/MDIX Crossover Detection Yes	Storm Control	No	
	DHCP Snooping	No	
Fans (Type/Quantity) Fanless	Auto MDI/MDIX Crossover Detection	Yes	
	Fans (Type/Quantity)	Fanless	





STANDARDS & COMPLIANCE		
Product Compliance	RoHS; CE (Europe); IEEE 802.1p Class of Service (Europe); IEEE 802.3 10Base-T; IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3at PoE+; IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; IEEE 802.3z 1000Base-SX/LX; REACH; FCC (USA); Trade Agreements Act (TAA)	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	3-year limited warranty	

1000 Eaton Boulevard Cleveland, OH 44122 United States https://tripplite.eaton.com © 2025 Eaton. All Rights Reserved. Eaton is a registered trademark. All other trademarks are the property of their respective owners.