

5-Port Unmanaged Industrial Gigabit Ethernet Switch - 10/100/1000 Mbps, PoE+ 30W, 2 GbE SFP Slots, DIN Mount

MODEL NUMBER: NGI-U05C2POE4



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

Features

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

This space-saving Tripp Lite Power over Ethernet (PoE) switch transmits both power and data over a Gigabit Ethernet network. Five 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-U05C2POE4 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 four 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-U05C2POE4 provides PoE+ compatibility up to 30W per PoE port and a PoE budget of 120W.

Ruggedized Metal Housing Built to Last in Harsh Environments

The compact NGI-U05C2POE4 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 14 degrees to 140 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-U05C2POE4 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.

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. Providing seamless operation in the event of power dips or failures, the switch features a 2-pin 24–57VDC terminal block power input to help prevent unnecessary downtime. Device power must be supplied by SELV circuit.

Highlights

- 5 auto-negotiable RJ45 and 2 GbE SFP ports connect devices over a LAN
- 4 PoE+ ports deliver up to 30W each with a 120W total PoE budget
- Industrial-grade switch supports operating temperature range of 14° to 140°F
- 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-U05C2POE4 5-Port Unmanaged Industrial Gigabit Switch
- DIN rail-mounting clip (pre-installed)
- Owner's manual



TAA-Compliant for GSA Schedule Purchases

The NGI-U05C2POE4 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	037332266026
Product Type	Unmanaged Plus Industrial Gigabit Ethernet Switch
INPUT	
Maximum Input Amps Details	Maximum of 6A
Voltage Compatibility (VDC)	From 24~57
Power Source	2-Pin Terminal Block
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	1- PWR(Green): for Power, 2- PoE1~4 (Green): for supplying power to PD device, 3- 1000(Green): for Ethernet speed 1000Mbps, 4- LNK/ACT(Green): for data transmitting/receiving, 5- SFP (Green): for data transmitting/receiving
PHYSICAL	
Primary Form Factor	Din-Rail
Color	Black
Form Factors Supported	DIN-Rail Mountable
Material of Construction	Metal casing
Shipping Dimensions (hwd / in.)	2.44 x 9.17 x 7.20
Unit Dimensions (hwd / in.)	6.30 x 1.97 x 4.72
Unit Weight (kg)	0.86
Unit Weight (lbs.)	1.90
ENVIRONMENTAL	
Operating Temperature Range	14°F to 140°F (-10°C to 60°C)
Storage Temperature Range	-40 to 185°F (-40°C to 85°C)
Relative Humidity	5 to 95% (non-condensing)
Power Consumption (Watts)	14.00
COMMUNICATIONS	
Network Compatibility	Gigabit Ethernet (10/100/1000)
Network Compatibility Details	Auto-negotiable



Switching Capacity	14Gbps
Switching Capacity Details	1Gbps Per Port with Full Duplex
CONNECTIONS	
RJ45 Ports	5
RJ45 Ports Detail	4 - RJ-45F (10/100/1000Mbps) with PoE+; 1- RJ-45F (10/100/1000Mbps)
SFP Uplink Ports	2
SFP Uplink Ports Detail	2 - SFP (1000Base-X)
PoE Power Budget (Watts)	120
PoE Port Description	30W maximum per port
PoE Supported Ports	4
Network Switch Ports	(5) 10/100/1000 (RJ45)
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
FEATURES & SPECIFICATIONS	
MAC Addresses	8000
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	
Certifications	Compliant Standards: IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX; IEEE 802.3ab 1000Base-T; IEEE 802.3x Flow control; IEEE 802.3 Auto-Negotiation; IEEE 802.3z 1000Base-SX/LX; IEEE 802.1p Class of Service; IEEE 802.3af PoE; IEEE 802.3at PoE+
Approvals	FCC, CE, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>