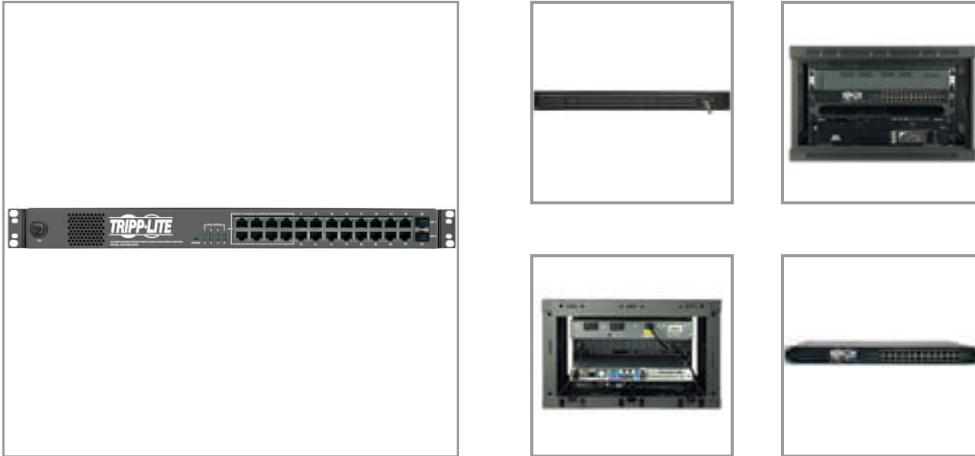Cat6A cables, such as Tripp Lite's N261-Series, are recommended for optimal performance

24-Port Gigabit Ethernet Switch with 12 Outlet PDU, 2 SFP and 8 PoE+ Ports, 120W

MODEL NUMBER: **NSU-G24C2P08**

Combines a Basic PDU and an Unmanaged 24-Port Gigabit Ethernet Switch (8 Ports PoE+) with 2 SFP uplink ports in a single, space-saving 1U rack-mount design.

Description

Tripp Lite's NSU-G24C2P08 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) and an Unmanaged 24-Port Gigabit Ethernet Switch (8 Ports POE+) with 2 Combo SFP (Small Form-Factor Pluggable) uplink ports, for an all-in-one 1U rack-mount solution. It is perfect for racks in smaller, distributed networks where space is at a premium by providing both power and Ethernet connectivity in only 1U of rack space. The power distribution unit supplies continuous AC power from a connected UPS system or alternate source and contains 12 NEMA 5-15R outlets, allowing you to power critical IT equipment. The Gigabit Ethernet Network Switch has 24 RJ45 ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX cross-over detection functions for true "plug and play" capability. It features 8 PoE+ ports, which support up to 30W per port and a POE budget of 120W, to connect POE devices such as Wireless APs, IP Cameras, VoIP phones and more. Two Combo SFP ports can uplink to other switches using optical fiber. Utilizing Green Ethernet technology, power consumption is automatically lowered by (i) turning off Ethernet ports not in use or connected to a shutdown computer, and (ii) detecting the connected network cable lengths to adjust the power usage to only what is necessary. Constructed of heavy-duty steel housing, the NSU-G24C2P08 has a rugged design built for years of reliable performance.

Features

Tripp Lite's NSU-G24C2P08 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) and an Unmanaged 24-Port Gigabit Ethernet Switch (8 Ports PoE+) with 2 Combo SFP uplink ports, for an all-in-one 1U rack-mount solution.**Power Distribution Unit (PDU)**:1.44kW 12A 120V Basic Power Distribution Unit12 NEMA 5-15R AC outletsNEMA 5-15P input plug; 6-ft. line cord12 Amps

Unmanaged Ethernet Switch:24 RJ45 Gigabit Ethernet ports, 8 Ports PoE+8 PoE+ ports support up to 30W per port and a POE budget of 120W, to connect POE devices such as Wireless APs, IP Cameras, VoIP phones and moreAuto-negotiable 10/100/1000 Mbps Ethernet on all ports selects port speed automatically based on the capabilities of the clientAuto MDI/MDIX crossover detection provides true, plug-and-play functionalityTwo SFP (Mini-GBIC) ports for uplinking to other switches using optical fiber. Each SFP port is shared with a RJ45 port. When the SFP port is active, the corresponding RJ-45 port will be disabled.48 Gbps switching capacity at Full-DuplexStore-and-Forward switching method2Mb RAM for data buffering8K address MAC address tableSupports Jumbo Frames up to 9216 BytesPower ON/OFF LED illuminates to indicate that the switch is receiving powerRJ45 LED's Per Port (Left LED Blinks Green for Activity, Right LED is off for 10 Mbps speeds, and solid Green for 100/1000 Mbps)POE LED's (LED is

Highlights

- Combines a Basic PDU and an Unmanaged 24-Port Gigabit Ethernet PoE+ Switch with 2 SFP uplink ports in only 1U of rack space
- Ideal for racks with limited space such as wall-mount racks
- Features 8 PoE+ ports, which support up to 30W per port and a POE budget of 120W, using standard Cat5e or better cabling
- 1.44kW 12A 120V Basic Power Distribution Unit (PDU) with 12 NEMA 5-15R AC outlets
- 24-port Gigabit Ethernet Switch, Auto-Negotiable, Plug-and-Play Functionality.
- 2 Combo SFP (Mini-GBIC) ports for uplink to other switches via optical fiber
- Low power consumption with Green Ethernet Technology

Package Includes

- NSU-G24C2P08
- Rack-mount hardware
- Owner's manual

solid Green when a device is connected and power is being provided through the port, and blinks when the connected device exceeds the POE Budget or a device fault is detected)Using Green Ethernet technology, energy efficiency is maximized by (i) turning off Ethernet ports not in use or connected to a shutdown computer and (ii) adjusting power usage relative to network cable lengthsCompliant with IEEE 802.3ab (1000BASE-T GbE), IEEE 802.3u (100BASE-TX Fast Ethernet), IEEE 802.3i (10BASE-T Ethernet), IEEE 802.3x (Full Duplex/Flow Control), IEEE 802.3 (NWAY Auto-Negotiation), IEEE 802.1P (QOS, Traffic Prioritization), IEEE 802.3at (POE+), IEEE 802.3ac (VLAN) and IEEE 802.3az (Energy Efficient Ethernet)Cat6A cables, such as Tripp Lite's N261-Series, are recommended for optimal performance

Rack-mount Configuration:1U Horizontal 19-inch rackmountConstructed of heavy-duty steel housing

Works with the Most Popular Web Browsers
The NSU-G24C2P08 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 NSU-G24C2P08 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Specifications

OVERVIEW	
UPC Code	037332184412
Product Type	Switch/PDU Combination
PDU Type	Basic

INPUT	
Electrical Consumption (Max)	141W
Electrical Consumption (Max PoE Load)	120W
Maximum Input Amps	12
PDU Plug Type	NEMA 5-15P
Voltage Compatibility (VAC)	120
Input Phase	Single-Phase
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83

OUTPUT	
Output Circuit Breakers	12A
Output Receptacles	(12) 5-15R

POWER	
Power Consumption (Watts)	141
Power Consumption Detail	PDU supports up to 12A total; Network switch consumes up to 141 watts (with a maximum POE load of 120 watts)

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power LED (Green for Power On), (x2) RJ45 LED's Per Port (Left LED Blinks Green for Activity, Right LED is off for 10 Mbps speeds, and solid Green for 100/1000 Mbps), PoE LED's LED is solid Green when a device is connected and power is being provided through the port, and blinks when the connected device exceeds the PoE Budget or a device fault is detected)

PHYSICAL	
Primary Form Factor	Rackmount
Color	Black
Minimum Required Rack Depth (cm)	28.96
Minimum Required Rack Depth (inches)	11.4
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / cm)	11.20 x 54.79 x 31.80
Shipping Dimensions (hwd / in.)	4.41 x 21.57 x 12.52
Shipping Weight (kg)	3.83
Shipping Weight (lbs.)	8.44
Unit Dimensions (hwd / in.)	1.71 x 18.66 x 8.4
Unit Dimensions (hwd / cm)	4.34 x 47.4 x 21.34
Unit Weight (lbs.)	7.05
Unit Weight (kg)	3.20
Rack Units	1

ENVIRONMENTAL	
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Relative Humidity	5 to 95% RH, Non-Condensing
Operating Temperature	32 to 104 F (0 to 40 C)

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

CONNECTIONS	
Number of Ports	24
RJ45 Ports	24
RJ45 Ports Detail	22x 10/100/1000BASE-T; 2x Combo RJ45/SFP

SFP Uplink Ports	2
SFP Uplink Ports Detail	2x Combo Mini-GBIC SFP Uplinks
PoE Capability	15.4W (802.3af); 30W (802.3at)
PoE Power Budget (Watts)	120
PoE Port Description	Ports 1-8 support up to 30W (PoE+) per port and a PoE budget of 120W
PoE Supported Ports	8
Network Switch Ports	(22) 10/100/1000 (RJ45); (2) Combo RJ45/SFP

FEATURES & SPECIFICATIONS	
MAC Addresses	8000
Jumbo Frames	9000
Console Port	No
MAC Auto Learning	No
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes

STANDARDS & COMPLIANCE	
Certification & Compliance	IEEE 802.3ab 1000Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3i 10Base-T; IEEE 802.3x Flow Control; IEEE 802.3 Auto-Negotiation; IEEE 802.1p CoS/QoS; IEEE 802.3at PoE+; IEEE 802.3ac (VLAN); IEEE 802.3az (Energy Efficient Ethernet); REACH; UL 60950-1; CAN/CSA-C22.2 No. 60950-1 (Canada); FCC Part 15 Class A (USA); RoHS

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