

## 24-Port Gigabit Ethernet Switch with 12 Outlet PDU, 2 SFP Ports

MODEL NUMBER: **NSU-G24C2**



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

### Description

Tripp Lite's NSU-G24C2 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) and an Unmanaged 24-Port Gigabit Ethernet Switch 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. 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-G24C2 has a rugged design built for years of reliable performance.

### Features

Power Distribution Unit (PDU):

- 1.44kW 12A 120V Basic Power Distribution Unit
- 12 NEMA 5-15R AC outlets
- NEMA 5-15P input plug; 6 ft. line cord
- 12 Amps

Unmanaged Ethernet Switch:

- 24 RJ45 Gigabit Ethernet ports

### Highlights

- Ideal for racks with limited space such as wall-mount racks
- 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-G24C2 PDU Ethernet Switch 1U Combo
- Mounting hardware
- Owner's Manual



- Auto-negotiable 10/100/1000 Mbps Ethernet on all ports selects port speed automatically based on the capabilities of the client
- Auto MDI/MDIX crossover detection provides true, plug-and-play functionality
- Two 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-Duplex
- Store-and-Forward switching method
- 2Mb RAM for data buffering
- 8K address MAC address table
- Supports Jumbo Frames up to 9216 Bytes
- Power ON/OFF LED illuminates to indicate that the switch is receiving power
- RJ45 LED's Per Port (Left LED Blinks Green for Activity, Right LED is off for 10/100 Mbps speeds, and solid Green for 1000 Mbps)
- Compliant 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), 802.3ac (VLAN) and 802.3az (Energy Efficient Ethernet)

**Power Management:**

- 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 lengths

**Rack-mount Configuration:**

- 1U Horizontal 19-inch rackmount
- Constructed of heavy-duty steel housing

## Specifications

| OVERVIEW                |               |
|-------------------------|---------------|
| UPC Code                | 037332184009  |
| PDU Type                | Basic         |
| OUTPUT                  |               |
| Output Receptacles      | (12) 5-15R    |
| Output Circuit Breakers | 12A           |
| INPUT                   |               |
| PDU Input Voltage       | 100; 120; 127 |



|  |  |
|--|--|
| Maximum Input Amps                           | 12   |
| PDU Plug Type                                | NEMA 5-15P   |
| Input Cord Length (ft.)                      | 6  |
| Input Cord Length (m)                        | 1.83   |
| Input Phase                                  | Single-Phase   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |  |
| LED Indicators                               | Power LED (Green for Power On), (x2) RJ-45 LED's Per Port (Left LED Blinks Green for Activity, Right LED is off for 10/100 Mbps speeds, and solid Green for 1000 Mbps) |
| <b>PHYSICAL</b>                              |  |
| Primary Form Factor                          | Rackmount  |
| Minimum Required Rack Depth (inches)         | 11.4   |
| Minimum Required Rack Depth (cm)             | 28.96  |
| Shipping Dimensions (hwd / in.)              | 4.40 x 12.50 x 21.40   |
| Shipping Dimensions (hwd / cm)               | 11.18 x 31.75 x 54.36  |
| Shipping Weight (lbs.)                       | 7.60   |
| Shipping Weight (kg)                         | 3.45   |
| 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.)                           | 6.75   |
| Unit Weight (kg)                             | 3.06   |
| Color  | Black  |
| PDU Form Factor                              | Horizontal (1U)  |
| <b>ENVIRONMENTAL</b>                         |  |
| Storage Temperature Range                    | 14 to 158 F (-10 to 70 C)  |
| Relative Humidity                            | 5 to 95% RH, Non-Condensing  |
| Operating Elevation (ft.)                    | 10,000   |
| Operating Temperature                        | 32 to 104 F (0 to 40 C)  |
| Operating Elevation (m)                      | 3,000  |
| <b>CONNECTIONS</b>                           |  |
| Ports  | 24   |
| Network Switch Ports                         | (22) 10/100/1000 (RJ45); (2) Combo RJ45/SFP; Console (RJ45)  |
| <b>CERTIFICATIONS</b>                        |  |



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|-------------------------------------|---|
| Approvals                           | UL 60950-1, CAN/CSA-C22.2 No. 60950-1, FCC Part 15 Class A, RoHS 2 (with exemptions), REACH |
| <b>WARRANTY</b>                     |   |
| Product Warranty Period (Worldwide) | 5-year limited warranty   |

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