

# 24-Port Gigabit Ethernet Switch with 12 Outlet PDU

MODEL NUMBER: NSU-G24



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

## Description

Tripp Lite's NSU-G24 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) with an Unmanaged 24-Port Gigabit Ethernet Switch 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. 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-G24 has a rugged design built for years of reliable performance.

## Features

Tripp Lite's NSU-G24 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) with an Unmanaged 24-Port Gigabit Ethernet Switch for an all-in-one 1U rack-mount solution. **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 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 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 Port Link LED's (LED is off for 10 Mbps speeds, and solid Green for 100/1000 Mbps) Port Activity LED's (LED blinks Yellow to indicate activity) 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 rack mount Constructed of heavy-duty steel housing

## Highlights

- Combines a Basic PDU and an Unmanaged 24-Port Gigabit Ethernet Switch in only 1U of rack space
- 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
- Low power consumption with Green Ethernet Technology

## Package Includes

- NSU-G24
- Rack-mount hardware
- Owner's manual

**Works with the Most Popular Web Browsers**

The NSU-G24 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-G24 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

## Specifications

OVERVIEW	
UPC Code	037332188397
Product Type	Switch/PDU Combination
PDU Type	Basic
INPUT	
Input Phase	Single-Phase
Electrical Consumption (Max)	10W
Maximum Input Amps	12
PDU Plug Type	NEMA 5-15P
Voltage Compatibility (VAC)	120
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)	10
Power Consumption Detail	PDU supports up to 12A total; Network switch consumes up to 10 watts
CONNECTIONS	
Number of Ports	24
Ports	24
Ports Detail	24x 10/100/1000BASE-T
SFP Uplink Ports	0
PoE Supported Ports	0
Network Switch Ports	(24) 10/100/1000 (RJ45)
USER INTERFACE, ALERTS & CONTROLS	



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LED Indicators	Power LED (Green for Power On), Port Link LED's (LED is off for 10 Mbps speeds, and solid Green for 100/1000 Mbps), Port Activity LED's (LED blinks Yellow to indicate activity)
<b>PHYSICAL</b>	
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 / in.)	12.52 x 21.57 x 4.40
Shipping Dimensions (hwd / cm)	31.80 x 54.79 x 11.18
Shipping Weight (lbs.)	7.45
Shipping Weight (kg)	3.38
Unit Dimensions (hwd / in.)	1.710 x 18.660 x 8.400
Unit Dimensions (hwd / cm)	4.34 x 47.4 x 21.34
Unit Weight (lbs.)	6.06
Unit Weight (kg)	2.75
Rack Units	1
<b>ENVIRONMENTAL</b>	
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)
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	48 Gbps
Switching Capacity Details	2 Gbps per port with full duplex
<b>FEATURES &amp; SPECIFICATIONS</b>	
Jumbo Frames	9000
Console Port	No
MAC Auto Learning	No
MAC Addresses	8000
RMON	No
SNMP	No
Storm Control	No



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DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	UL 60950-1; CAN/CSA-C22.2 No. 60950-1 (Canada)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	5-year limited warranty

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