

## 16-Port Gigabit Ethernet Switch with 8 Outlet PDU

MODEL NUMBER: **NSU-G16**



Combines a Basic PDU and an Unmanaged 16-Port Gigabit Ethernet Switch in a single, space-saving 1U rack-mount design.

### Description

Tripp Lite's NSU-G16 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) with an Unmanaged 16-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 8 NEMA 5-15R outlets allowing you to power critical IT equipment. The Gigabit Ethernet Network Switch has 16 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-G16 has a rugged design built for years of reliable performance.

### Features

Tripp Lite's NSU-G16 combines a 1.44kW single-phase 120V Basic Power Distribution Unit (PDU) with an Unmanaged 16-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
- 8 NEMA 5-15R AC outlets
- NEMA 5-15P input plug; 6 ft. line cord
- 12 Amps

#### Unmanaged Ethernet Switch:

### Highlights

- Combines a Basic PDU and an Unmanaged 16-Port Gigabit Ethernet Switch in only 1U or rack space
- Ideal for racks with limited space such as wall-mount racks
- 1.44kW 12A 120V Basic Power Distribution Unit (PDU) with 8 NEMA 5-15R AC outlets
- 16-port Gigabit Ethernet Switch, Auto-Negotiable, Plug-and-Play Functionality
- Low power consumption with Green Ethernet Technology

### Package Includes

- NSU-G16
- Rack-mount hardware
- Owner's manual



- 16 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
- 32 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	037332184016
PDU Type	Basic
INPUT	
Electrical Consumption	PDU supports up to 12A total; Network switch consumes up to 10 watts
PDU Input Voltage	100; 120; 127
Maximum Input Amps	12
PDU Plug Type	NEMA 5-15P
Input Phase	Single-Phase
Input Cord Length (ft.)	6



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

Input Cord Length (m)	1.83
<b>OUTPUT</b>	
Output Circuit Breakers	12A
Output Receptacles	(8) 5-15R
<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>	
Color	Black
Minimum Required Rack Depth (cm)	28.96
Minimum Required Rack Depth (inches)	11.4
PDU Form Factor	Horizontal (1U)
Primary Form Factor	Rackmount
Shipping Dimensions (hwd / cm)	11.18 x 31.50 x 53.34
Shipping Dimensions (hwd / in.)	4.40 x 12.40 x 21.00
Shipping Weight (kg)	3.36
Shipping Weight (lbs.)	7.40
Unit Dimensions (hwd / cm)	4.34 x 47.4 x 21.34
Unit Dimensions (hwd / in.)	1.71 x 18.66 x 8.4
Unit Weight (kg)	2.72
Unit Weight (lbs.)	6
<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>CONNECTIONS</b>	
Ports	16
Network Switch Ports	(16) 10/100/1000 (RJ45)
<b>STANDARDS &amp; COMPLIANCE</b>	
Approvals	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, FCC Part 15 Class A, RoHS 2 (with exemptions), REACH
<b>WARRANTY</b>	



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

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

© 2020 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>