

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

The NSU-G16 combines a 1.44kW single-phase 120V 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 eight 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

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: 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 rack-mount Constructed of heavy-duty steel housing

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



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Works with the Most Popular Web Browsers

The NSU-G16 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-G16 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Specifications

OVERVIEW	
UPC Code	037332184016
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	(8) 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	16
Ports	16
Ports Detail	16x 10/100/1000BASE-T
SFP Uplink Ports	0
PoE Supported Ports	0
Network Switch Ports	(16) 10/100/1000 (RJ45)
USER INTERFACE, ALERTS & CONTROLS	



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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 10/100 Mbps speeds, and solid Green for 1000 Mbps)
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 / in.)	4.40 x 12.40 x 21.00
Shipping Dimensions (hwd / cm)	11.18 x 31.50 x 53.34
Shipping Weight (lbs.)	7.40
Shipping Weight (kg)	3.36
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
Unit Weight (kg)	2.72
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	32 Gbps
Switching Capacity Details	2 Gbps per port with full duplex
FEATURES & SPECIFICATIONS	
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
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); UL 60950-1
Product Compliance	RoHS; IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3ac (VLAN); IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; REACH; FCC Part 15 Class A (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	5-year limited warranty

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