Netgear GS316 16 port Gigabit Ethernet Switch

Product Name: Netgear GS316 16 port Gigabit Ethernet Switch

Manufacturer: Netgear

Model Number: GS316

Netgear GS316 16 port Gigabit Ethernet Switch
The Netgear GS316 Switch provides easy and affordable network connectivity to small offices and home/offices. They are easy to use, reliable, and rugged with metal enclosures. Power-over-Ethernet (PoE) support is also available for supplying both power and data across a single CAT-5 ethernet cable to devices such as IP security cameras, VoIP phones, wireless access points, etc. With these Plug-and-Play switches, you can quickly and easily expand your network connections to multiple devices, with no configuration required.
 Netgear GS316 Key Features

ï¿½ Auto-MDI/MDIX eliminates the need for crossover cables
ï¿½ LED indicators for ease of use
ï¿½ Energy-efficient technology for power savings
ï¿½ Fanless design for silent operation
ï¿½ Auto-negotiation for automatic connection at the highest common speed between switch and an end device
ï¿½ Non-blocking switching architecture for maximum throughput at wire speed
ï¿½ 802.1p QoS for traffic/frame prioritisation
ï¿½ Plug-and-play; no setup required
ï¿½ Durable and rugged metal case
ï¿½ Ideal for small office and home networks
ï¿½ Standards-based technology ensures interoperability with any standards-based devices in the existing network
ï¿½ Wall-mountable

 Netgear GS316 Technical Specification
Product Specifications

ï¿½ 10/100/1000Mbps Ports: 16
ï¿½ Enclosure: Metal
ï¿½ Connector Type: Metal

Performance Specification

ï¿½ Bandwidth: 32 Gbps
ï¿½ Buffer Memory: 768 KB
ï¿½ Jumbo Frames: 9,270 bytes
ï¿½ Forwarding Rate (using 64-byte packets): 1,448,000 pps
ï¿½ Latency (using 64-byte packets): < 3.9 µsec
ï¿½ MAC Address Table Size: 2K

Form Factor

ï¿½ Desktop
ï¿½ Wall-Mountable

Energy Efficiency

ï¿½ Energy Efficient Ethernet (EEE) IEEE 802.3az: Yes
ï¿½ Auto Power Down: Yes
ï¿½ Short Cable Detection: Yes

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ï¿½ Power Supply: External 12V / 1.0A
ï¿½ Power Consumption (Max and Standby): 8.4W / 1.83W
ï¿½ Heat Dissipation (Max and Standby): 28.73 BTU / 6.26 BTU
ï¿½ PORT LEDS: Power, Link/Activity

Physical Specifications

ï¿½ Dimensions: 286x101x26mm
ï¿½ Weight: 0.84kg

Environmental Specifications

ï¿½ Operating Temperature: 0° to 40°C (32° to 104°F)
ï¿½ Operating Humidity: 90% maximum relative humidity, non-condensing
ï¿½ Storage Temperature: –20° to 70°C (– 4° to 158°F)
ï¿½ Storage Humidity: 5% to 95% relative humidity

Price: $80.95