

Netgear GS316 16 port Gigabit Ethernet Switch



Product Name: Netgear GS316 16 port Gigabit Ethernet Switch

Manufacturer: Netgear

Model Number: GS316

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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

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

Netgear GS316 Technical Specification

Product Specifications

- 10/100/1000Mbps Ports: 16
- Enclosure: Metal
- Connector Type: Metal

Performance Specification

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

Form Factor

- Desktop
- Wall-Mountable

Energy Efficiency

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

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

Physical Specifications

• Dimensions: 286x101x26mm
• Weight: 0.84kg

Environmental Specifications

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

Price: Â£59.70
