

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

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

Netgear GS316 Technical Specification

Product Specifications

½ 10/100/1000Mbps Ports: 16

½ Enclosure: Metal

½ Connector Type: Metal

Performance Specification

½ Bandwidth: 32 Gbps

½ Buffer Memory: 768 KB

½ Jumbo Frames: 9,270 bytes

½ Forwarding Rate (using 64-byte packets): 1,448,000 pps

½ Latency (using 64-byte packets): < 3.9 µsec

½ MAC Address Table Size: 2K

Form Factor

½ Desktop

½ Wall-Mountable

Energy Efficiency

½ Energy Efficient Ethernet (EEE) IEEE 802.3az: Yes

½ Auto Power Down: Yes

½ 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 LEDS: Power, Link/Activity

Physical Specifications

Dimensions: 286x101x26mm
Weight: 0.84kg

Environmental Specifications

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

Price: £59.70