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## 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

i¿1/2 Auto-MDI/MDIX eliminates the need for crossover cables

ï¿1/2 LED indicators for ease of use

ï¿1/2 Energy-efficient technology for power savings

ï¿1/2 Fanless design for silent operation

 $\ddot{\imath}_{2}$  Auto-negotiation for automatic connection at the highest common speed between switch and an end device

i¿1/2 Non-blocking switching architecture for maximum throughput at wire speed

ï¿1/2 802.1p QoS for traffic/frame prioritisation

ï¿1/2 Plug-and-play; no setup required

ï¿1/2 Durable and rugged metal case

ï¿1/2 Ideal for small office and home networks

 $i_{\dot{c}} h_2$  Standards-based technology ensures interoperability with any standards-based devices in the existing network

ï¿1∕2 Wall-mountable

Netgear GS316 Technical Specification Product Specifications

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

Performance Specification

ï¿1/2 Bandwidth: 32 Gbps

ï¿1/2 Buffer Memory: 768 KB

ï¿1/2 Jumbo Frames: 9,270 bytes

ï¿1/2 Forwarding Rate (using 64-byte packets): 1,448,000 pps

ï¿1/2 Latency (using 64-byte packets): < 3.9 &micro;sec

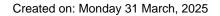
ï¿1/2 MAC Address Table Size: 2K

Form Factor

� Desktop � Wall-Mountable

Energy Efficiency

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





## Netgear GS316 16 port Gigabit Ethernet Switch

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

Physical Specifications

� Dimensions: 286x101x26mm � Weight: 0.84kg

Environmental Specifications

ï¿1/2 Operating Temperature: 0° to 40°C (32° to 104°F)

 $\ddot{\imath}\dot{\imath}^{\prime\prime}_{2} \text{ Operating Humidity: 90\% maximum relative humidity, non-condensing}$ 

ï¿1/2 Storage Temperature: –20° to 70°C (– 4° to 158°F)

ï¿1/2 Storage Humidity: 5% to 95% relative humidity

Price: £59.70