

## Netgear GS116LP - 16 Port Gigabit Ethernet Unmanaged Switch

Product Name: Netgear GS116LP - 16 Port Gigabit Ethernet Unmanaged Switch

Manufacturer: Netgear

Model Number: GS116LP

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The Netgear GS116LP provides fundamental network features such as VLANs, QoS, and IGMP Snooping that will help optimise the performance of business networks.

Netgear GS116LP Key Features

- Smart Managed Plus Switch delivers network monitoring, traffic prioritisation and VLAN
- Simple, yet useful network set-up on top of plug-and-play connectivity
- Gigabit speed with QoS, VLAN and network monitoring
- VLAN support for traffic segmentation
- Quality of Service (QoS) for traffic prioritisation
- Auto "denial-of-service" (DoS) prevention
- Troubleshoot connection issues via cable test
- Loop prevention and broadcast storm controls
- IGMP snooping v1, v2 and v3 support for multicast optimisation
- Rate limiting for better bandwidth allocation
- Port mirroring for network monitoring
- Jumbo frame support
- Port Trunking to increase bandwidth and provide redundant links

Netgear GS116LP Technical Specification

Product Specifications

- Gigabit ports: 16
- Max MAC entries: 4K
- Buffer size: 1MB
- Energy Efficient Ethernet (IEEE 802.3az) compliant: Yes

PoE Support

- 802.3af: Ports 1-16
- 802.3at: Ports 1-16
- PoE Max Power Per Port: Up to 15.4w for 802.3af and 30W for 802.3at
- Total PoE Power Budget: 76W

Performance Specification

- Forwarding modes: Store-and-forward
- Bandwidth: 32Gbps
- Jumbo frame support: Yes
- Acoustic noise (dB) (ANSI-S10.12): 0 (fanless)
- Mean Time Between Failures (MTBF): 2,088,514 hours

Quality of Service (QoS)

- DSCP: Yes
- IEEE 802.1p COS: Yes
- Queue WRR Ratio: 1:3:5:7:8:10:12:15 Weighted Fair Queue (WFQ)

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### LEDs

- ½ Per port: Speed, Link, Activity, PoE
- ½ Per device: Power Status, PoE Max

### IEEE Network Protocols

- ½ IEEE 802.3 Ethernet
- ½ IEEE 802.3u 100BASE-TX
- ½ IEEE 802.3ab 1000BASE-T
- ½ IEEE 802.1p Class of Service
- ½ IEEE 802.3az Energy Efficient Ethernet (EEE)
- ½ IEEE 802.3i 10BASE-T Ethernet
- ½ IEEE 802.3x Flow Control

### Physical Specifications

- ½ Dimensions: 286x102x27mm
- ½ Weight: 0.88kg

### Power Consumption

- ½ Power Supply: External Input 54V 1.66A (90W)
- ½ Power Supply Supported: External Input 54V 3.7A (200W), Input 54V 2.4A (130W), Input 54V 1.66A (90W)
- ½ Max power (worst case, all ports used, line-rate traffic) (Watts): 90W
- ½ Min power (link-down standby) (Watts): 2.68W
- ½ Heat Dissipation (max and min) (BTU/hr): 270.18 BTU/ 9.18 BTU
- ½ Energy Efficient Ethernet (EEE) IEEE 802.3az: Yes
- ½ Short cable power reduction: Yes
- ½ Auto power-down: Yes
- ½ Fan(s): 0 (fanless)

### Environmental Specifications

- ½ Operating temperature: 0&deg; to 40&deg;C (32&deg; to 104&deg;F)
- ½ Operating Humidity: 90% maximum relative humidity (RH), non-condensing
- ½ Operating Altitude: 10,000ft (3,000m) maximum
- ½ Storage temperature: &ndash;20&deg; to 70&deg;C (&ndash; 4&deg; to 158&deg;F)
- ½ Storage Humidity: 95% maximum relative humidity (RH), non-condensing
- ½ Storage Altitude: 10,000ft (3,000m) maximum

### Package Contents

- ½ Netgear Gigabit Ethernet PoE+ Unmanaged Switch
- ½ Power adapter
- ½ Wall installation kit & Rack-mount kit
- ½ Quick install guide

**Price: £139.50**