

## 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 &ldquo;denial-of-service&rdquo; (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

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

### IEEE Network Protocols

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

### Physical Specifications

• Dimensions: 286x102x27mm  
• Weight: 0.88kg

### Power Consumption

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

### Environmental Specifications

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

### Package Contents

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

**Price: £139.50**