Netgear GS116LP - 16 Port Gigabit Ethernet Unmanaged Switch

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

Netgear GS116LP - 16 Port Gigabit Ethernet Unmanaged Switch
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

ï¿½ Smart Managed Plus Switch delivers network monitoring, traffic prioritisation and VLAN
ï¿½ Simple, yet useful network set-up on top of plug-and-play connectivity
ï¿½ Gigabit speed with QoS, VLAN and network monitoring
ï¿½ VLAN support for traffic segmentation
ï¿½ Quality of Service (QoS) for traffic prioritisation
ï¿½ Auto “denial-of-service” (DoS) prevention
ï¿½ Troubleshoot connection issues via cable test
ï¿½ Loop prevention and broadcast storm controls
ï¿½ IGMP snooping v1, v2 and v3 support for multicast optimisation
ï¿½ Rate limiting for better bandwidth allocation
ï¿½ Port mirroring for network monitoring
ï¿½ Jumbo frame support
ï¿½ Port Trunking to increase bandwidth and provide redundant links

 Netgear GS116LP Technical Specification
Product Specifications

ï¿½ Gigabit ports: 16
ï¿½ Max MAC entries: 4K
ï¿½ Buffer size: 1MB
ï¿½ Energy Efficient Ethernet (IEEE 802.3az) compliant: Yes

PoE Support

ï¿½ 802.3af: Ports 1-16
ï¿½ 802.3at: Ports 1-16
ï¿½ PoE Max Power Per Port: Up to 15.4w for 802.3af and 30W for 802.3at
ï¿½ Total PoE Power Budget: 76W

Performance Specification

ï¿½ Forwarding modes: Store-and-forward
ï¿½ Bandwidth: 32Gbps
ï¿½ Jumbo frame support: Yes
ï¿½ Acoustic noise (dB) (ANSI-S10.12): 0 (fanless)
ï¿½ Mean Time Between Failures (MTBF): 2,088,514 hours

Quality of Service (QOS)

ï¿½ DSCP: Yes
ï¿½ IEEE 802.1p COS: Yes
ï¿½ Queue WRR Ratio: 1:3:5:7:8:10:12:15 Weighted Fair Queue (WFQ)

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LEDs

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

IEEE Network Protocols

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

Physical Specifications

ï¿½ Dimensions: 286x102x27mm
ï¿½ Weight: 0.88kg

Power Consumption

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

Environmental Specifications

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

Package Contents

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

Price: 161.60EUR