

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

าั¿½ Smart Managed Plus Switch delivers network monitoring, traffic prioritisation and VLAN

ī¿½ Simple, yet useful network set-up on top of plug-and-play connectivity

า๊¿½ Gigabit speed with QoS, VLAN and network monitoring

� VLAN support for traffic segmentation

آذِ Quality of Service (QoS) for traffic prioritisation

� Auto "denial-of-service" (DoS) prevention

า๊¿½ Troubleshoot connection issues via cable test

� Loop prevention and broadcast storm controls

า๊¿½ IGMP snooping v1, v2 and v3 support for multicast optimisation

� Rate limiting for better bandwidth allocation

آذِ Port mirroring for network monitoring

� Jumbo frame support

าั¿½ 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

าั¿½ 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

آذِ½ Total PoE Power Budget: 76W

Performance Specification

า๊¿½ Forwarding modes: Store-and-forward

� Bandwidth: 32Gbps � Jumbo frame support: Yes

آذِ1/2 Acoustic noise (dB) (ANSI-S10.12): 0 (fanless)

ï¿1/2 Mean Time Between Failures (MTBF): 2,088,514 hours

Quality of Service (QOS)

� DSCP: Yes

ï¿⅓ IEEE 802.1p COS: Yes

าั¿½ 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

ï¿1/2 IEEE 802.3 Ethernet

ï¿⅓ IEEE 802.3u 100BASE-TX

ï¿⅓ IEEE 802.3ab 1000BASE-T

ï¿⅓ IEEE 802.1p Class of Service

� IEEE 802.3az Energy Efficient Ethernet (EEE)

ï¿1/2 IEEE 802.3i 10BASE-T Ethernet

� IEEE 802.3x Flow Control

Physical Specifications

� Dimensions: 286x102x27mm

ï¿⅓ Weight: 0.88kg

Power Consumption

i¿½ 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)

آذِيًّ Max power (worst case, all ports used, line-rate traffic) (Watts): 90W

آذِ Min power (link-down standby) (Watts): 2.68W

าั¿1/2 Heat Dissipation (max and min) (BTU/hr): 270.18 BTU/ 9.18 BTU

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

ï¿1/2 Short cable power reduction: Yes

� Auto power-down: Yes � Fan(s): 0 (fanless)

Environmental Specifications

آزا 2 Operating temperature: 0° to 40° C (32° to 104°F)

ī¿1/2 Operating Humidity: 90% maximum relative humidity (RH), non-condensing

� Operating Altitude: 10,000ft (3,000m) maximum

تزاري Storage temperature: –20° to 70°C (– 4° to 158°F)

آذًا Storage Humidity: 95% maximum relative humidity (RH), non-condensing

آزا Storage Altitude: 10,000ft (3,000m) maximum

Package Contents

าั¿½ Netgear Gigabit Ethernet PoE+ Unmanaged Switch

� Power adapter

تز1/2 Wall installation kit & Rack-mount kit

� Quick install guide

Price: £139.50