Netgear ProSafe 8 Port Smart Managed Plus Gigabit Desktop Switch With 4 Ports of PoE

Product Name: Netgear ProSafe 8 Port Smart Managed Plus Gigabit Desktop Switch With 4 Ports of PoE
Manufacturer: -
Model Number: GS108PE

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The Netgear GS108PE provides fundamental network features such as VLANs, QoS, and IGMP Snooping that will help optimise the performance of business networks.
 Netgear GS108PE Key Features

ï¿½ Smart Managed Plus Switch delivers network monitoring, traffic prioritisation and VLAN
ï¿½ 8 Port
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 GS108PE Technical Specification
Product Specifications

ï¿½ Gigabit ports: 8
ï¿½ Fiber ports: 0
ï¿½ # of PoE ports: 4
ï¿½ Total PoE power budget (watts): 53
ï¿½ Max MAC entries: 4K
ï¿½ Buffer size: 192KB
ï¿½ Energy Efficient Ethernet (IEEE 802.3az) compliant: Yes

Performance Specification

ï¿½ Forwarding modes: Store-and-forward
ï¿½ Bandwidth: 16Gbps
ï¿½ Priority queuing: Weighted Round Robin (WRR)
ï¿½ Jumbo frame support: Up to 9720 bytes
ï¿½ Acoustic noise (dB) (ANSI-S10.12): 0
ï¿½ Mean Time Between Failures (MTBF) (hrs): 1,242,394

L2 Services - VLANS

ï¿½ VLAN (# Supported): 32
ï¿½ IEEE 802.1Q VLAN Tagging: Yes
ï¿½ Port-based VLAN: Yes

L2 Services - Availability

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ï¿½ Link Aggregation/Port Trunking2: No
ï¿½ Number of Static Manual LAGs and # of members: N/A

L2 Services - Multicast Filtering

ï¿½ IGMP Snooping (v1, v2 and v3): Yes
ï¿½ Block unknown Multicast: Yes
ï¿½ Supported Mulitcast groups: 128

L3 Services - DHCP

ï¿½ DHCP client: Yes

Quality of Service (QOS)

ï¿½ Rate limiting: Yes
ï¿½ DSCP: Yes
ï¿½ IEEE 802.1p COS: Yes
ï¿½ Port-based VLAN: Yes
ï¿½ TOS: Yes
ï¿½ WRR (Weighted Round Robin): Yes
ï¿½ Strict Priority Queue Technology: No

IEEE Network Protocols

ï¿½ IEEE 802.3 Ethernet
ï¿½ IEEE 802.3ab 1000BASE-T
ï¿½ IEEE 802.1Q VLAN Tagging
ï¿½ IEEE 802.3i 10BASE-T
ï¿½   IEEE 802.1p Class of Service
ï¿½ IEEE 802.3x Full-duplex Flow Control
ï¿½ IEEE 802.3u 100BASE-T
ï¿½ IEEE 802.3af (PoE)

Management

ï¿½ System Password: Yes
ï¿½ Web browser based management GUI: Yes
ï¿½ PC Utility: Yes
ï¿½ Port Mirroring: Yes
ï¿½ Multiple Language GUI: Yes - English, German, Japanese
ï¿½ Max number of source ports allowed (many to 1): 7
ï¿½ Many-to-One Port Mirroring: Yes
ï¿½ Cable Test utility: Yes
ï¿½ FW upgrade thru Plus Utility (TFTP): Yes
ï¿½ Config download (to Switch) thru Plus Utility: Yes
ï¿½ Config upload (to Server): Yes

Miscallaneous Features

ï¿½ Loop Detection: Yes
ï¿½ DoS Prevention: Yes
ï¿½ Broadcast Storm Control: Yes

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ï¿½ Energy Efficient Ethernet (EEE): Yes

LEDs

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

Physical Specifications

ï¿½ Dimensions: 158x101x29mm
ï¿½ Weight: 0.54kg
ï¿½ Fan: 0

Power Consumption (when all ports used, line-rate traffic and max PoE)

ï¿½ Worst case, all ports used, line-rate traffic, max PoE (W): 60.0
ï¿½ Heat Dissipation Max/Standby (BTU/hr): Max: 205.2   Min: 3.7

Environmental Specifications2

ï¿½ Operating temperature: 32° to 104°F (0° to 40°C)
ï¿½ Operating Humidity: 90% maximum relative humidity, non-condensing
ï¿½ Operating Altitude: 10,000ft (3,000m) maximum
ï¿½ Storage temperature: –4° to 158°F (–20° to 70°C)
ï¿½ Storage Humidity: 95% maximum relative humidity, non-condensing
ï¿½ Storage Altitude: 10,000ft (3,000m) maximum
ï¿½ Electromagnetic Emissions and Immunity Certifications Class: A
ï¿½ Safety Certifications: CB, CE LVD, CCC, EAC

Package Contents

ï¿½ Smart Managed Plus Switch
ï¿½ Power cord or power adapter (depending on model)
ï¿½ Quick Install Guide

Please Enquire