

## 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

- Smart Managed Plus Switch delivers network monitoring, traffic prioritisation and VLAN 8 Port
- 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 GS108PE Technical Specification

#### Product Specifications

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

#### Performance Specification

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

#### L2 Services - VLANS

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

#### L2 Services - Availability

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✓ Link Aggregation/Port Trunking: No  
✓ Number of Static Manual LAGs and # of members: N/A

### L2 Services - Multicast Filtering

✓ IGMP Snooping (v1, v2 and v3): Yes  
✓ Block unknown Multicast: Yes  
✓ Supported Multicast groups: 128

### L3 Services - DHCP

✓ DHCP client: Yes

### Quality of Service (QOS)

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

### IEEE Network Protocols

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

### Management

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

### Miscellaneous Features

✓ Loop Detection: Yes  
✓ DoS Prevention: Yes  
✓ Broadcast Storm Control: Yes

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

• Energy Efficient Ethernet (EEE): Yes

• LEDs

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

• Physical Specifications

• Dimensions: 158x101x29mm

• Weight: 0.54kg

• Fan: 0

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

• Worst case, all ports used, line-rate traffic, max PoE (W): 60.0

• Heat Dissipation Max/Standby (BTU/hr): Max: 205.2 Min: 3.7

• Environmental Specifications

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

• Operating Humidity: 90% maximum relative humidity, non-condensing

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

• Storage temperature: -4°F to 158°F (-20°C to 70°C)

• Storage Humidity: 95% maximum relative humidity, non-condensing

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

• Electromagnetic Emissions and Immunity Certifications Class: A

• Safety Certifications: CB, CE LVD, CCC, EAC

• Package Contents

• Smart Managed Plus Switch

• Power cord or power adapter (depending on model)

• Quick Install Guide

**Please Enquire**