

## NETGEAR Plus GS308EPP(GS308EPP-100PES)

NETGEAR Plus GS308EPP - Switch - smart - 8 x 10/100/1000 (PoE+) - desktop, wall-mountable - PoE+ (123 W)



Introducing the NETGEAR GS308EPP PoE+ Gigabit Ethernet Plus Switch with 8 ports PoE+ and a total PoE budget of 124W to power PoE applications such as VoIP phones, IP cameras for surveillance, wireless access points and more.

GS308EP includes basic and advanced network management features to help optimize the performance of business networks. Management is also flexible via the easy-to-use web browser-based management GUI. Basic management features include VLANs, QoS, and IGMP Snooping, and advanced management features include advanced per port PoE control and uninterrupted PoE.

Use VLANs to separate traffic for better speed and improved bandwidth, QoS to prioritize traffic for better delivery quality and IGMP snooping for optimized multicast performance at Layer 2 which is especially useful for bandwidth-intensive IP multicast applications such as IPTV. Advanced per port PoE controls manage the power of the PoE connected devices by enabling and disabling PoE power per port, PoE prioritization, PoE power limit per port and more. Lastly, unique to NETGEAR, it has uninterrupted PoE. Keep PoE power on even when the switch is updating firmware or performing a software reboot.

### Key Selling Points

Enable network configuration and management at the price point of unmanaged switches

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

Business-friendly and easy-to-use web browser-based management GUI

VLAN support for traffic segmentation

Quality of Service (QoS) for traffic prioritization

Auto "denial-of-service" (Dos) prevention

Troubleshoot connection issues via cable test

Loop detection and broadcast storm controls

Rate limiting for better bandwidth allocation

Port mirroring for network monitoring

Jumbo frame support

Advanced features such as per port PoE controls

Uninterrupted PoE keeps PoE power on even when the switch is updating firmware or performing software reboot

802.3at standard offering 30W/port

Fanless and versatile mounting option (desktop and wall-mountable)

### Main Specifications

Product Description	NETGEAR Plus GS308EPP - switch - 8 ports - smart
Device Type	Switch - 8 ports - smart
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 (PoE+)
Power Over Ethernet (PoE)	PoE+
PoE Budget	123 W
Performance	Bandwidth: 16 Gbps
Capacity	VLANs supported: 64   Multicast groups: 128
MAC Address Table Size	4K entries
Jumbo Frame Support	9216 bytes
Routing Protocol	IGMPv2, IGMP, IGMPv3
Remote Management Protocol	DHCP
Features	Flow control, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, DoS attack prevention, port mirroring, store and forward, full duplex mode, QoS, fanless, DHCP client, 192KB packet buffer, CoS, DSCP support, cable test, Link Aggregation, rate limit, EEE, WRR, loopback detection, VLAN Tagging, port-based VLAN, port trunking, block unknown multicast, password protection

Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3at, IEEE 802.3az
Dimensions (WxDxH)	15.8 cm x 10.1 cm x 2.7 cm
Weight	490 g
Manufacturer Warranty	5-year warranty

## Extended Specification

### General

Device Type	Switch - 8 ports - smart
Enclosure Type	Desktop, wall-mountable
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 (PoE+)
Power Over Ethernet (PoE)	PoE+
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Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3at, IEEE 802.3az
Status Indicators	Power, system, PoE, link/activity/speed, PoE max

### Expansion / Connectivity

Interfaces	8 x 1000Base-T RJ-45 PoE+ - 30 W
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### Power

Power Device	External power adapter
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### Miscellaneous

Included Accessories	Rubber feet, wall mounting kit
MTBF	842,428 hours
Compliant Standards	CSA, VCCI, BSMI, EN55024, KC, FCC Part 15 Class B, ACMA, EN 55032

### Dimensions & Weight

Width	15.8 cm
Depth	10.1 cm
Height	2.7 cm

Weight 490 g

### Manufacturer Warranty

Service & Support	Limited warranty - 5 years Limited warranty - technical support - 90 days
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### Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	90% (non-condensing)
Min Storage Temperature	-20 °C
Max Storage Temperature	70 °C
Humidity Range Storage	95% (non-condensing)

### What's in the box

NETGEAR Plus GS308EPP  
External power adapter, rubber feet, wall mounting kit

\*TD SYNEX is not responsible for errors in the documentation of products.