

## NETGEAR Plus GS316EP(GS316EP-100UKS)

NETGEAR Plus GS316EP - Switch - Managed - 15 x 10/100/1000 (PoE+) + 1 x SFP - desktop,wall-mountable - PoE+ (180 W)

Along with the already great Plus switch features,GS316EP enhances your business networking experience even more with exciting new features. Advanced PoE controls,including power allocation override,remote enable/disable/power cycle,PoE scheduling and more,ensure simple power management of PoE connected devices.



## Key Selling Points

Plug-and-play Plus switch fundamental network management features

15-port PoE+ for a total of 180W of power enabling powering of all types of PoE devices with a single wire deployment of power and network connectivity to PoE+ devices such as wireless access points,IP cameras,VoIP phones,access-controlled security door locks or any other IoT PoE-powered devices

Completely silent operation within a small,desktop form factor and also wall-mountable

10 Gbps (10/100/1000 Mbps) line rate fabric for great connectivity to your devices without congestion

## Main Specifications

Product Description	NETGEAR Plus GS316EP - switch - 16 ports - Managed
Device Type	Switch - 16 ports - Managed
Subtype	Gigabit Ethernet
Ports	15 x 10/100/1000 (PoE+) + 1 x SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	180 W
Performance	Bandwidth: 28 Gbps
Capacity	Buffer memory (kBytes): 192  VLANs supported: 64  Multicast groups: 128
MAC Address Table Size	4K entries
Jumbo Frame Support	10000 bytes
Routing Protocol	IGMPv2,IGMP,IGMPv3
Remote Management Protocol	HTTP,DHCP
Features	Flow control,VLAN support,IGMP snooping,port mirroring,store and forward,Broadcast Storm Control,full duplex mode,Quality of Service (QoS),fanless,DHCP client,loop prevention,Class of Service (CoS),Type of Service (ToS),DiffServ Code Point (DSCP) support,cable test,Link Aggregation,rate limit,Denial of Service (DoS) protection,Energy-Efficient Ethernet (EEE),Weighted Round Robin (WRR),loopback detection,VLAN Tagging,port-based VLAN,port trunking,block unknown multicast,password protection,PoE scheduling,uninterrupted PoE
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)	28.6 cm x 10.2 cm x 2.7 cm
Weight	883 g
Manufacturer Warranty	5-year warranty

## Extended Specification

### General

Device Type	Switch - 16 ports - Managed
Enclosure Type	Desktop, wall-mountable
Subtype	Gigabit Ethernet
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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	15 x 1000Base-T RJ-45 PoE+ - 30 W 1 x 1000Base-X SFP
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### Power

Power Device	External power adapter
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### Miscellaneous

Included Accessories	Rubber feet, wall mounting kit
MTBF	784,742 hours
Compliant Standards	CSA,VCCI,BSMI,EN55024,KC,FCC Part 15 Class B,ACMA,EN 55032

### Dimensions & Weight

Width	28.6 cm
Depth	10.2 cm
Height	2.7 cm
Weight	883 g

### Manufacturer Warranty

Service & Support	Limited warranty - 5 years Limited warranty - power supply - 2 years Limited warranty - phone consulting - 90 days with product registration
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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 GS316EP  
External power adapter, rubber feet, wall mounting kit

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet