**NETGEAR**

# NETGEAR GS316EP Managed Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

**Brand :** NETGEAR                                    **Product code:** GS316EP-100NAS

**Product name :** GS316EP

300 Series Plus Switch (GS316EP) 16-Port PoE+ Gigabit Ethernet Plus Switch (180W) with 1 SFP Port

NETGEAR GS316EP Managed Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black:

The NETGEAR 16-Port PoE+ Gigabit Ethernet Plus Switch delivers essential business networking features and powers PoE+ devices like VoIP phones, IP cameras, and more.

Gigabit Ethernet
16 ports provide up to 1000 Mbps of dedicated, non-blocking bandwidth each

PoE+ Support
15 PoE+ ports provide a total of 180W of power so you can power and connect your devices with a single wire

Advanced PoE Controls
Manage PoE prioritization, PoE power limit per port, PoE scheduling and more for simple control over all PoE-powered devices

Non-Blocking Switching
10Gbps (10/100/1000 Mbps) line rate fabric ensures congestion-free connectivity to your devices

Fanless Design
Silent operation makes this switch perfect for noise-sensitive environments

Versatile Mounting Options
Install your switch on your desktop, or mount it to your wall or rack with the hardware provided in the box

## Management features

| | |
|---|---|
| Switch type * | Managed |
| Quality of Service (QoS) support | ✔ |
| Web-based management | ✔ |

## Ports & interfaces

| | |
|---|---|
| Basic switching RJ-45 Ethernet ports quantity * | 15 |
| Basic switching RJ-45 Ethernet ports type * | Gigabit Ethernet (10/100/1000) |
| Gigabit Ethernet (copper) ports quantity | 15 |
| SFP module slots quantity | 1 |
| Power connector | DC-in jack |

## Network

| | |
|---|---|
| Networking standards * | IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x |
| Full duplex | ✔ |
| Flow control support | ✔ |
| Link aggregation | ✔ |
| Broadcast storm control | ✔ |
| VLAN support | ✔ |

## Data transmission

| | |
|---|---|
| Switching capacity * | 32 Gbit/s |
| MAC address table * | 4000 entries |
| Jumbo frames support | ✔ |

## Multicast features

| | |
|---|---|
| Multicast support | ✔ |

## Design

| | |
|---|---|
| Rack mounting * | ✔ |
| Product colour | Black |
| LED indicators | ✔ |

## Power

| | |
|---|---|
| Power source * | DC |
| Power supply included * | ✔ |

## Power over Ethernet (PoE)

| | |
|---|---|
| Power over Ethernet (PoE) * | ✔ |
| Power over Ethernet plus (PoE+) ports quantity | 15 |
| Total Power over Ethernet (PoE) budget | 180 W |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Storage temperature (T-T) | -20 - 70 °C |
| Operating relative humidity (H-H) | 0 - 90% |
| Storage relative humidity (H-H) | 0 - 95% |
| Operating altitude | 0 - 3000 m |
| Non-operating altitude | 0 - 3000 m |

## Weight & dimensions

| | |
|---|---|
| Width | 286 mm |
| Depth | 102 mm |

| Data transmission | | Weight & dimensions | |
|---|---|---|---|
| Jumbo frames | 10000 | Height | 27 mm |
| **Security** | | Weight | 883 g |
| DHCP features | DHCP client | **Packaging content** | |
| Access Control List (ACL) | ✔ | Cables included | AC |

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**Catalog Object Cloud**