



## DESCRIPTION

NETGEAR 300 Series Gigabit Ethernet Unmanaged Switches with PoE provide easy, reliable, and affordable network connectivity for home and small offices. With these unmanaged plug-and-play switches, you can expand your network connections to multiple devices instantly.

The unmanaged switches provides power and data from a single Ethernet (CAT-5e) cable to devices such as IP cameras, VoIP/ Internet-based phones, wireless access points, etc. The majority of these models also support PoE power auto-balance and allocation feature.

NETGEARs unique PoE technology automatically balances the PoE power based on the device needs independent of PoE class detected. These switches deliver the power the device needs, at the most granular level.

## TECHNICAL CHARACTERISTICS

Brand : NETGEAR

Part number : GS316P-100EUS

### Réseau :

Full duplex : Y

Auto MDI/MDI-X : Y

10G support : N

Basic switching RJ-45 Ethernet ports quantity : 16

Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)

DC input voltage : 54 V

Depth : 102 mm

Flow control support : Y

Harmonized System (HS) code : 85176990

Heat dissipation : 437.42 BTU/h

Height : 27 mm

Housing material : Metal

Input current : 2.4 A

Jumbo frames : 9216

Jumbo frames support : Y

Latency (1 Gbps) : 3.7 $\mu$ s
LED indicators : Y
MAC address table : 4000 entries
Mean time between failures (MTBF) : 2362192 h
Networking standards : IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
Operating altitude : 0 - 3000 m
Operating relative humidity (H-H) : 0 - 90%
Operating temperature (T-T) : 0 - 40 °C
Packet buffer memory : 1 MB
Packet forwarding rate (1 Gbps) : 1448000 pps
Power connector : DC-in jack
Power consumption (max) : 127.9 W
Power over Ethernet (PoE) : Y
Power over Ethernet plus (PoE+) ports quantity : 16
Product colour : Black
Quality of Service (QoS) support : Y
Rack mounting : N
Storage temperature (T-T) : -20 - 70 °C
Switch type : Unmanaged
Switching capacity : 32 Gbit/s
Wall mountable : Y
Weight : 880 g
Width : 286 mm