NETGEAR GS316P Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : NETGEAR   **Product code:** GS316P-100EUS

Product name : GS316P

GS316P - 16-Port Gigabit Ethernet Unmanaged PoE+ Switch,Port-Gigabit-Ethernet-PoE + Switch, 115W PoE + Budget

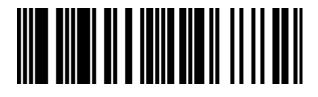NETGEAR GS316P Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black:

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.

NETGEAR's 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.

Management features

Switch type *	Unmanaged
Quality of Service (QoS) support	✓

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	16
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Power connector	DC-in jack

Network

Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
10G support *	✗
Full duplex	✓
Flow control support	✓
Auto MDI/MDI-X	✓

Data transmission

Switching capacity *	32 Gbit/s
MAC address table *	4000 entries
Latency (1 Gbps)	3.7 µs
Jumbo frames support	✓
Jumbo frames	9216
Packet forwarding rate (1 Gbps)	1448000 pps
Packet buffer memory	1 MB

Design

Rack mounting *	✗
Product colour	Black

Design

Housing material	Metal
LED indicators	✓
Wall mountable	✓

Performance

Mean time between failures (MTBF)	2362192 h

Power

DC input voltage	54 V
Input current	2.4 A
Power consumption (max)	127.9 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✓
Power over Ethernet plus (PoE+) ports quantity	16

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-H)	0 - 90%
Operating altitude	0 - 3000 m
Heat dissipation	437.42 BTU/h

Weight & dimensions

Width	286 mm
Depth	102 mm
Height	27 mm
Weight	880 g

Logistics data

Harmonized System (HS) code	85176990

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