

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		Design	
Switch type *	Unmanaged	Housing material	Metal
Quality of Service (QoS) support	✓	LED indicators	✓
Ports & interfaces		Wall mountable	✓
Basic switching RJ-45 Ethernet ports quantity *	16	Performance	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Mean time between failures (MTBF)	2362192 h
Power connector	DC-in jack	Power	
Network		DC input voltage	54 V
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x	Input current	2.4 A
10G support *	✗	Power consumption (max)	127.9 W
Full duplex	✓	Power over Ethernet (PoE)	
Flow control support	✓	Power over Ethernet (PoE) *	✓
Auto MDI/MDI-X	✓	Power over Ethernet plus (PoE+) ports quantity	16
Data transmission		Operational conditions	
Switching capacity *	32 Gbit/s	Operating temperature (T-T)	0 - 40 °C
MAC address table *	4000 entries	Storage temperature (T-T)	-20 - 70 °C
Latency (1 Gbps)	3.7 µs	Operating relative humidity (H-H)	0 - 90%
Jumbo frames support	✓	Operating altitude	0 - 3000 m
Jumbo frames	9216	Heat dissipation	437.42 BTU/h
Packet forwarding rate (1 Gbps)	1448000 pps	Weight & dimensions	
Packet buffer memory	1 MB	Width	286 mm
Design		Depth	102 mm
Rack mounting *	✗	Height	27 mm
Product colour	Black	Weight	880 g
		Logistics data	
		Harmonized System (HS) code	85176990



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