

NETGEAR GS316PP Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : NETGEAR

Product code: GS316PP-100NAS

Product name : GS316PP



00 Series SOHO Unmanaged Switch (GS316PP) 16-Port Gigabit Ethernet Unmanaged PoE+ Switch with FlexPoE (183W)

NETGEAR GS316PP 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	Wall mountable	✔
Quality of Service (QoS) support	✔	Performance	
Ports & interfaces		Mean time between failures (MTBF)	2362192 h
Basic switching RJ-45 Ethernet ports quantity *	16	Power	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Power source *	DC/PoE
Power connector	DC-in jack	DC input voltage	54 V
Network		Input current	3.7 A
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x	Power consumption (max)	195.9 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✔
		Power over Ethernet plus (PoE+) ports quantity	16
		Power over Ethernet (PoE) power per port	30 W
		Total Power over Ethernet (PoE) budget	183 W
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Storage temperature (T-T)	-20 - 70 °C
10G support *	✘	Operating relative humidity (H-H)	0 - 90%
Full duplex	✔	Operating altitude	0 - 3000 m
Flow control support	✔	Heat dissipation	669.9 BTU/h
Auto MDI/MDI-X	✔	Weight & dimensions	
Auto-sensing	✔	Width	286 mm
Auto-negotiation	✔	Depth	102 mm
Data transmission		Height	27 mm
Switching capacity *	32 Gbit/s	Weight	880 g
MAC address table *	4000 entries	Certificates	
Latency (1 Gbps)	3.7 μs	Certification	CE, FCC Part A, IC A, RCM, VCCI, BSMI, KC, CB, CE LVD
Jumbo frames support	✔		
Jumbo frames	9216		
Packet forwarding rate (1 Gbps)	1448000 pps		
Packet buffer memory	1 MB		
Design			
Rack mounting *	✔		
Product colour	Black		
Housing material	Metal		
LED indicators	Activity, Link, PoE, Power, Speed		



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