

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)

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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
10G support *	✗	Power over Ethernet (PoE)	
Full duplex	✓	Power over Ethernet (PoE) *	✓
Flow control support	✓	Power over Ethernet plus (PoE+) ports quantity	16
Auto MDI/MDI-X	✓	Power over Ethernet (PoE) power per port	30 W
Auto-sensing	✓	Total Power over Ethernet (PoE) budget	183 W
Auto-negotiation	✓	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 40 °C
Switching capacity *	32 Gbit/s	Storage temperature (T-T)	-20 - 70 °C
MAC address table *	4000 entries	Operating relative humidity (H-H)	0 - 90%
Latency (1 Gbps)	3.7 µs	Operating altitude	0 - 3000 m
Jumbo frames support	✓	Heat dissipation	669.9 BTU/h
Jumbo frames	9216	Weight & dimensions	
Packet forwarding rate (1 Gbps)	1448000 pps	Width	286 mm
Packet buffer memory	1 MB	Depth	102 mm
Design		Height	27 mm
Rack mounting *	✓	Weight	880 g
Product colour	Black	Certificates	
Housing material	Metal	Certification	CE, FCC Part A, IC A, RCM, VCCI, BSMI, KC, CB, CE LVD
LED indicators	Activity, Link, PoE, Power, Speed		



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