

NETGEAR GS316PP-100AJS network switch Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : NETGEAR

Product code: GS316PP-100AJS

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16-Port GB PoE+ unmanaged Switch 183W FlexPoE

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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)	DC input voltage	54 V
Power connector	DC-in jack	Input current	3.7 A
Network		Power consumption (max)	195,9 W
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x	Power over Ethernet (PoE)	
10G support *	✗	Power over Ethernet (PoE) *	✓
Full duplex	✓	Power over Ethernet plus (PoE+) ports quantity	16
Auto MDI/MDI-X	✓	Power over Ethernet (PoE) power per port	30 W
Data transmission		Total Power over Ethernet (PoE) budget	200 W
Switching capacity *	32 Gbit/s	Operational conditions	
MAC address table *	4000 entries	Operating temperature (T-T)	0 - 40 °C
Latency (1 Gbps)	3,7 µs	Storage temperature (T-T)	-20 - 70 °C
Jumbo frames support	✓	Operating relative humidity (H-H)	0 - 90%
Jumbo frames	9216	Operating altitude	0 - 3000 m
Packet forwarding rate (1 Gbps)	1448000 pps	Heat dissipation	669,9 BTU/h
Packet buffer memory	1 MB	Weight & dimensions	
Design		Width	286 mm
Rack mounting *	✓	Depth	102 mm
Product colour	Black	Height	27 mm
Housing material	Metal	Weight	880 g
LED indicators	✓		

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