

NETGEAR GS316P(GS316P-100EUS)

NETGEAR GS316P - Switch - unmanaged - 16 x 10/100/1000 (PoE+) - desktop,wall-mountable - PoE+ (115 W)

The NETGEAR SOHO Ethernet Unmanaged Switches provide easy and affordable network connectivity to small offices and home/offices. They are easy to use, reliable, and rugged with metal enclosures. Power-over-Ethernet (PoE) support is also available for supplying both power and data across a single CAT-5 Ethernet cable to devices such as IP security cameras, VoIP phones, wireless access points, etc. With these Plug-and-Play switches, you can quickly and easily expand your network connections to multiple devices, with no configuration required.



Key Selling Points

Energy-efficient technology for power savings

Auto-MDI/MDIX eliminates the need for crossover cables

Non-blocking switching architecture for maximum throughput at wire speed

Auto-negotiation for automatic connection at the highest common speed between switch and an end device

Fanless design for silent operation

Main Specifications

Product Description	NETGEAR GS316P - switch - 16 ports - unmanaged
Device Type	Switch - 16 ports - unmanaged
Subtype	Gigabit Ethernet
Ports	16 x 10/100/1000 (PoE+)
Power Over Ethernet (PoE)	PoE+
PoE Budget	115 W
Performance	Non-blocking bandwidth: 32 Gbps Packet buffer size: 1 MB Forwarding performance (64-byte packet size): 1448000 pps Latency (64-byte packets): 3.7 μs
MAC Address Table Size	4K entries
Jumbo Frame Support	9216 bytes
Features	Auto-negotiation, auto-uplink (auto MDI/MDI-X), DiffServ support, half duplex mode, full duplex mode, fanless, Energy Efficient Ethernet, Class of Service (CoS), SOHO (Small Office/Home Office), Weighted Round Robin (WRR)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3at, IEEE 802.3az
Dimensions (WxDxH)	28.6 cm x 10.2 cm x 2.7 cm
Weight	880 g
Localisation	Europe
Manufacturer Warranty	3-year warranty

Extended Specification

General

Device Type	Switch - 16 ports - unmanaged
Enclosure Type	Desktop, wall-mountable
Subtype	Gigabit Ethernet
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Status Indicators	Power,PoE,fan,link/activity/speed

Expansion / Connectivity

Interfaces	16 x 1000Base-T RJ-45 PoE+ - 30 W
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Power

Power Device	External power adapter
Installed Qty	1
Power Provided	130 Watt
Power Consumption Operational	127.9 Watt
Power Consumption Stand by	2.68 Watt

Miscellaneous

Included Accessories	Wall mounting kit
MTBF	2,362,192 hours
Compliant Standards	Plug and Play,VCCI,CB,IC Class A,FCC Part 15 A,LVD,KC,RCM
Localisation	Europe

Dimensions &Weight

Width	28.6 cm
Depth	10.2 cm
Height	2.7 cm
Weight	880 g

Manufacturer Warranty

Service &Support	Limited warranty - 3 years Limited warranty - phone consulting - 90 days
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	90% (non-condensing)
Min Storage Temperature	-20 °C
Max Storage Temperature	70 °C

What's in the box

NETGEAR GS316P
External power adapter, wall mounting kit

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet