

NETGEAR GS308LP Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Desktop Black

Brand : NETGEAR

Product code: GS308LP-100EUS

Product name : GS308LP



8-port Gigabit Ethernet PoE+ unmanaged switch, 60 W PoE budget, Metal

NETGEAR GS308LP Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Desktop Black:

PLUG-AND-PLAY

Simple set up with no software to install or configuration needed

NON-BLOCKING SWITCHING

Non-blocking switching architecture for maximum throughput at wire speed

FANLESS DESIGN

Silent operation makes this switch perfect for noise-sensitive environments

VERSITILE MOUNTING OPTIONS

Install your switch on your desktop or mount it to your wall with the hardware provided in the box

ENERGY EFFICIENT

Energy Efficient Ethernet (IEEE 802.3az) standard, which reduces energy consumption when there is light traffic on an active port or when there is no link or no activity detected

FLEX PoE

Easily increase you power budget on this switch to meet your changing power needs.

Management features		Design	
Switch type *	Unmanaged	Form factor	Desktop
Quality of Service (QoS) support	✓	Product colour	Black
Traffic classification	✓	Housing material	Metal
Ports & interfaces		LED indicators	✓
Basic switching RJ-45 Ethernet ports quantity *	8	Wall mountable	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Performance	
Network		Fanless	✓
Networking standards *	IEEE 802.3az, IEEE 802.1p, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at	Mean time between failures (MTBF)	2752476 h
10G support *	✗	Power	
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power source *	DC
Cable types supported	Cat5e	Power supply included *	✓
Full duplex	✓	Number of power supply units	1
Half duplex	✓	DC input voltage	54 V
Flow control support	✓	Input current	1.25 A
Auto MDI/MDI-X	✓	Input voltage	54 V
Ethernet LAN data rates	10,100,1000 Mbit/s	Power consumption (max)	67.5 W
Auto-sensing	✓	Power over Ethernet (PoE)	
Auto-negotiation	✓	Power over Ethernet (PoE) *	✓
MAC address auto-learning supported	✓	Power over Ethernet (PoE) type supported	PoE+
MAC address auto-aging supported	✓	Power over Ethernet (PoE) ports quantity	8
		Power over Ethernet plus (PoE+) ports quantity	8
		Power over Ethernet (PoE) power per port	30 W
		Total Power over Ethernet (PoE) budget	60 W

Data transmission		Operational conditions	
Switching capacity *	16 Gbit/s	Operating temperature (T-T)	0 - 40 °C
Throughput	16 Gbit/s	Storage temperature (T-T)	-20 - 70 °C
Forwarding rate	1.488 Mpps	Operating relative humidity (H-H)	0 - 90%
MAC address table *	4000 entries	Storage relative humidity (H-H)	0 - 95%
Latency (1 Gbps)	2.6 µs	Operating altitude	0 - 3000 m
Number of queues	8	Heat dissipation	230.85 BTU/h
Jumbo frames support	✓	Weight & dimensions	
Jumbo frames	9216	Width	236 mm
Packet forwarding rate (1 Gbps)	1488000 pps	Depth	102 mm
Packet buffer memory	0.192 MB	Height	27 mm
Security		Weight	600 g
Queue scheduling algorithms	Weighted Round Robin (WRR)	Certificates	
MAC address entries	Dynamic MAC address entries	CE, Federal Communications Commission (FCC), Industry Canada (IC), RCM, VCCI, KC, CB, Low Voltage Directive (LVD)	
Design		Compliance certificates	
Rack mounting *	✓		
Stackable *	✗		



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