

NETGEAR GS310TPv2 Managed L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Desktop Black

Brand : NETGEAR

Product code: GS310TP-200EUS

Product name : GS310TPv2



NETGEAR GS310TPv2. Switch type: Managed, Switch layer: L2/L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 8. MAC address table: 8000 entries, Switching capacity: 20 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3at, IEEE 802.3az, IEEE.... Power connector: DC-in jack. Power over Ethernet (PoE). Form factor: Desktop



Management features		Design	
Switch type *	Managed	Rack mounting *	✗
Switch layer	L2/L3	Form factor	Desktop
Quality of Service (QoS) support	✓	Product colour	Black
Web-based management	✓	Housing material	Metal
System event log	✓	LED indicators	✓
MIB support	✓	Number of fans	0 fan(s)
Ports & interfaces		Performance	
Basic switching RJ-45 Ethernet ports quantity *	8	Built-in processor	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Processor frequency	500 MHz
SFP module slots quantity	2	Memory type	DDR-SDRAM
Power connector	DC-in jack	Internal memory	128 MB
Network		Flash memory	32 MB
Networking standards *	IEEE 802.1D, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3at, IEEE 802.3az, IEEE 802.3x	Firmware upgradeable	✓
		Power	
Port mirroring	✓	Power source *	DC/PoE
Flow control support	✓	Power over Ethernet (PoE)	
Link aggregation	✓	Power over Ethernet (PoE) *	✓
Broadcast storm control	✓	Power over Ethernet plus (PoE+) ports quantity	8
Rate limiting	✓	Total Power over Ethernet (PoE) budget	55 W
Spanning tree protocol	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	Warranty period	3 year(s)
Auto-negotiation	✓	Operational conditions	
VLAN support	✓	Operating temperature (T-T)	0 - 40 °C
Virtual LAN features	Voice VLAN	Storage temperature (T-T)	-20 - 70 °C
Number of VLANs	64	Operating relative humidity (H-H)	0 - 90%
Data transmission		Storage relative humidity (H-H)	0 - 95%
Switching capacity *	20 Gbit/s	Operating altitude	0 - 3000 m
MAC address table *	8000 entries	Weight & dimensions	
Jumbo frames support	✓	Width	236 mm
Jumbo frames	10000	Depth	101 mm
		Height	30 mm

Security		Weight & dimensions	
DHCP features	DHCP client	Weight	610 g
Access Control List (ACL)	✓	Packaging content	
Access Control List (ACL) ingress	100	Quick start guide	✓
IGMP snooping	✓	User guide	✓
Security algorithms	802.1x RADIUS, EAP, HTTPS, SSL/TLS	Manual	✓
Loop protection	✓	Technical details	
Authentication	Auto VLAN, Guest VLAN, MAC-based authentication, Port-based authentication, Web-based authentication	Shipping (inner) case height	30.9 cm
Password protection	✓	Shipping (inner) case width	35 cm
Authentication type	HWTACACS+, IEEE 802.1x	Shipping (inner) case length	27.4 cm
Multicast features		Shipping (inner) case net weight	9.49 kg
Multicast support	✓	Products per shipping (inner) case	6 pc(s)
Number of multicast groups filtered	256		



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