

NETGEAR GSM4212P Managed L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Black

Brand : NETGEAR

Product code: GSM4212P-100NAS

Product name : GSM4212P

AV Line M4250-10G2F-PoE+ (GSM4212P) 8x1G PoE+ 125W 2x1G and 2xSFP Managed Switch
NETGEAR GSM4212P. 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: 10. Full duplex. MAC address table: 16000 entries, Switching capacity: 24 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U



Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L2/L3	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Ports & interfaces		Form factor	1U
Basic switching RJ-45 Ethernet ports quantity *	10	Product colour	Black
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	LED indicators	PoE, Power, Status
SFP module slots quantity	2	Performance	
Network		Built-in processor	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3x	Processor model	ARM Cortex-A9
		Processor frequency	1250 MHz
10G support *	✗	Internal memory	2048 MB
Full duplex	✓	Noise level	30.06 dB
Link aggregation	✓	Mean time between failures (MTBF)	778769 h
Broadcast storm control	✓	Power	
Rate limiting	✓	Power source *	PoE
Spanning tree protocol	✓	Power consumption (typical)	163.9 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	MAC address-based VLAN, Private VLAN	Power over Ethernet (PoE) *	✓
Number of VLANs	4096	Power over Ethernet plus (PoE+) ports quantity	8
Data transmission		Power over Ethernet (PoE) power per port	30 W
Switching capacity *	24 Gbit/s	Total Power over Ethernet (PoE) budget	150 W
Throughput	17.86 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 50 °C
Store-and-forward	✓	Storage temperature (T-T)	-20 - 70 °C
Latency (1 Gbps)	2.27 µs	Operating relative humidity (H-H)	0 - 90%
Number of queues	8	Storage relative humidity (H-H)	0 - 95%
Jumbo frames support	✓	Operating altitude	0 - 3000 m
Jumbo frames	12000	Non-operating altitude	0 - 3000 m
		Heat dissipation	559.555 BTU/h

Data transmission		Weight & dimensions	
Packet buffer memory	16 MB	Width	440 mm
Security		Depth	200 mm
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Height	43.2 mm
		Weight	2.85 kg
Access Control List (ACL)	✓		
IGMP snooping	✓		
SSH/SSL support	✓		
Loop protection	✓		
BPDU filtering/protection	✓		
Authentication	MAC-based authentication		
Authentication type	RADIUS		



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