

NETGEAR M4100-50G-POE+ Managed L2+/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Grey

Brand : NETGEAR

Article code: GSM7248P-100NES

Product name : M4100-50G-POE+



NETGEAR M4100-50G-POE+. 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: 50, USB 2.0 ports quantity: 1, Console port: RS-232. MAC address table: 16000 entries, Switching capacity: 100 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack mounting

Management features		Design	
Switch type *	Managed	Stackable *	✓
Switch layer	L2+/L3	Product color	Grey
Quality of Service (QoS) support	✓	Safety	CE, CSA, UL, CB, CCC
System event log	✓	Performance	
Ports & interfaces		Internal memory	128 MB
Basic switching RJ-45 Ethernet ports quantity *	50	Flash memory	32 MB
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Noise level	47,7 dB
SFP module slots quantity	4	sFlow	✓
Console port	RS-232	Mean time between failures (MTBF)	239,298 h
USB 2.0 ports quantity	1	Power	
Network		Power consumption (typical)	555,50 W
Networking standards *	IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
10G support *	✓	Power over Ethernet plus (PoE+) ports quantity	48
Port mirroring	✓	Total Power over Ethernet (PoE) budget	380 W
Flow control support	✓	Other features	
Link aggregation	✓	Power LED	✓
Broadcast storm control	✓	Operational conditions	
Rate limiting	✓	Operating temperature (T-T)	0 - 50 °C
Spanning tree protocol	✓	Storage temperature (T-T)	-20 - 70 °C
VLAN support	✓	Operating relative humidity (H-H)	0 - 90%
Virtual LAN features	Voice VLAN	Storage relative humidity (H-H)	0 - 95%
Number of VLANs	1024	Operating altitude	0 - 3000 m
Data transmission		Non-operating altitude	0 - 3000 m
Switching capacity *	100 Gbit/s	Heat dissipation	1,896 BTU/h
MAC address table *	16000 entries	Weight & dimensions	
Latency (10-100 Mbps)	10,194 µs	Width	440 mm
Latency (1 Gbps)	3,91 µs	Depth	310 mm
Jumbo frames support	✓	Height	43,2 mm
Jumbo frames	9000	Weight	4,96 kg
Security		Packaging content	
DHCP features	DHCP server, DHCP client	Manual	✓
Access Control List (ACL)	✓	Certificates	
IGMP snooping	✓	Certification	- CE mark, commercial - FCC Part 15 Class A, VCCI Class A - Class A EN 55022 (CISPR 22) Class A - Class A C-Tick - EN 50082-1 - EN 55024
SSH/SSL support	✓		

Multicast features	
Multicast support	✓
Design	
Rack mounting *	✓



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