

NETGEAR M4250-12M2XF Géré L2/L3 2.5G Ethernet 1U Noir

Marque : NETGEAR

Code produit: MSM4214X-100EUS

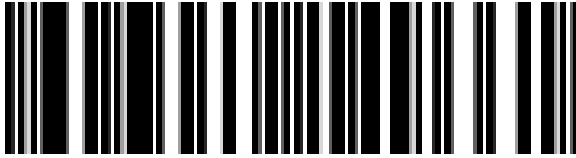
Nom du produit : M4250-12M2XF

NETGEAR M4250-12M2XF. Type de commutateur: Géré, Banc de commutateurs: L2/L3. Type de port Ethernet RJ-45 de commutation de base: 2.5G Ethernet, Quantité de ports Ethernet RJ-45 de commutation de base: 12. Full duplex. Répertoire MAC: 16000 entrées, Capacité de commutation: 100 Gbit/s. Standards réseau: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Grille de montage, Élément de format: 1U

Management features		Security	
Switch type *	Managed	Authentication type	RADIUS
Switch layer	L2/L3	Multicast features	
Quality of Service (QoS) support	✓	Multicast support	✓
Ports & interfaces		IPv4 multicast entries	2000
Basic switching RJ-45 Ethernet ports quantity *	12	IPv6 multicast entries	2000
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet	Design	
SFP+ module slots quantity	2	Rack mounting *	✓
Network		Form factor	1U
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	Product colour	Black
		LED indicators	PoE, Power, Status
		Performance	
		Built-in processor	✓
		Processor model	ARM Cortex-A9
10G support *	✗	Processor frequency	1250 MHz
Full duplex	✓	Internal memory	2048 MB
Link aggregation	✓	Noise level	46.4 dB
Broadcast storm control	✓	Mean time between failures (MTBF)	720892 h
Rate limiting	✓	Power	
Spanning tree protocol	✓	Power consumption (typical)	37.9 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE) *	✗
		Operational conditions	
Number of VLANs	4093	Operating temperature (T-T)	0 - 50 °C
Data transmission		Storage temperature (T-T)	-20 - 70 °C
Switching capacity *	100 Gbit/s	Operating relative humidity (H-H)	0 - 90%
Throughput	74.4 Mpps	Storage relative humidity (H-H)	0 - 95%
MAC address table *	16000 entries	Operating altitude	0 - 3000 m
Store-and-forward	✓	Non-operating altitude	0 - 3000 m
Latency (1 Gbps)	1.186 µs	Heat dissipation	129.39 BTU/h
Number of queues	8	Weight & dimensions	
Jumbo frames support	✓	Width	440 mm
Jumbo frames	12000	Depth	100 mm
Packet buffer memory	16 MB	Height	43.2 mm
Security		Weight	1.75 kg
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Logistics data	
		Harmonized System (HS) code	85176990
Access Control List (ACL)	✓		
IGMP snooping	✓		
SSH/SSL support	✓		

Security

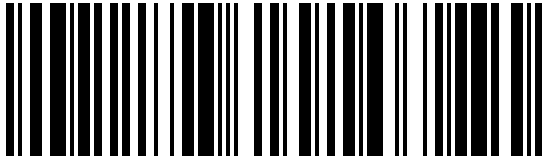
Loop protection	✓
BPDU filtering/protection	✓
Authentication	MAC-based authentication



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