

NETGEAR M4250-12M2XF Hallittu L2/L3 2.5G Ethernet 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: MSM4214X-100EUS

Tuotteen nimi : M4250-12M2XF

NETGEAR M4250-12M2XF. Kytkin tyyppi: Hallittu, Kytinkerros: L2/L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 2.5G Ethernet, Basic kytkentä RJ-45 Ethernet-porttien määrä: 12. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 100 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Telineasennus, Kotelo: 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
10G support *	✗	Performance	
Full duplex	✓	Built-in processor	✓
Link aggregation	✓	Processor model	ARM Cortex-A9
Broadcast storm control	✓	Processor frequency	1250 MHz
Rate limiting	✓	Internal memory	2048 MB
Spanning tree protocol	✓	Noise level	46.4 dB
VLAN support	✓	Mean time between failures (MTBF)	720892 h
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power	
Number of VLANs	4093	Power consumption (typical)	37.9 W
Data transmission		Power over Ethernet (PoE)	
Switching capacity *	100 Gbit/s	Power over Ethernet (PoE) *	✗
Throughput	74.4 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)	1.186 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
Packet buffer memory	16 MB	Heat dissipation	129.39 BTU/h
Security		Weight & dimensions	
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Width	440 mm
Access Control List (ACL)	✓	Depth	100 mm
IGMP snooping	✓	Height	43.2 mm
SSH/SSL support	✓	Weight	1.75 kg
		Logistics data	
		Harmonized System (HS) code	85176990

Security

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



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