NETGEAR M4250-12M2XF Managed L2/L3 2.5G Ethernet 1U Zwart

Merk : NETGEAR

Artikelcode: MSM4214X-100EUS

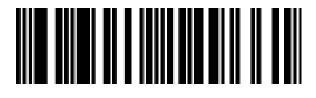
Productnaam : M4250-12M2XF

NETGEAR M4250-12M2XF. Switch type: Managed, Switch-laag: L2/L3. Type basis-switching RJ-45 Ethernet-poorten: 2.5G Ethernet, Aantal basis-switching RJ-45 Ethernet-poorten: 12. Full duplex. MACadrestabel: 16000 entries, Switchingcapaciteit: 100 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Rack-montage, Form factor: 1U

Number of the sector of the	Management features		Security	
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Basis witching Bid 5 Ethere in the series of the series	Ports & interfaces			
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SPP-module slots quanting2prom factor10NetworkPoduci colorBickNetworkBick 2010, IEEE 802.10, IEEE 802.30, IEEE 80.30, IEEE 80.30, IEEE 80.30, IEEE 80.30, IEEE 80.30, IEEE 8		2.5G Ethernet	-	1
InterversionEEE 802.10, IEEE 802.10, IEEE 802.30, IEEE 802		2	5	
Networking standards *Bet2 100, EEE 802.34, IEEE 802.34, I	Network		Product colour	Black
Networking standards *IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, IEEE 802.3a, Processor modelARM Cortex-A910G support *×Processor model2048 MB11d duplex-Internal memory2048 MB11kn aggregationNoise level46.4 dBBroadcast storm controlNoise level46.4 dBBroadcast storm controlPower consumption (typical)37.9 WNate limitingPower consumption (typical)37.9 WVLAN supportPower consumption (typical)37.9 WVLAN supportPower consumption (typical)37.9 WVLAN voice VLANPower consumption (typical)37.9 WVLAN voice VLANPower over Ethernet (PoE) *Voice VLANVLAN voice VLANOperation control-0000Number of VLAN403Operation control-0000Number of VLAN100 Golt/sOperating relative humidity (H+H)0.90%Number of ULANS100 Golt/sOperating relative humidity (H+H)0.90%Number of ueues1.166 µSNonoperating relative humidity (H+H)0.3000 mNumber of ueues1.000Deptint altindea		IEEE 802.1D, IEEE 802.1Q, IEEE	LED indicators	PoE, Power, Status
Bol2.3af, IEEE 802.3b, IEEE 802.3b, IEEE 802.3bBuilt-in processor modelProcessor modelARR Cortex-A9106 support •Processor model250 MR Cortex-A9Full duplexInternal memory250 MR Cortex-A9Link aggregationOrcessor indemory260 MR Cortex-A9Rota dispersationMarce State St	Networking standards *	802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE	Performance	
10G support *XAME Collexary1250 MH210G support *XAME Collexary1250 MH2Full duplex-Internal memory2048 MBLink aggregation-Noise level46.4 dBBroadcast storm control-Man time between failures (MB)720892 hRate limiting-Power consumption (typical)37.9 WSpanning tree protocol-Power consumption (typical)7.9 WVLAN support-Power consumption (typical)7.9 WVLAN support-Power consumption (typical)7.9 WVLAN support-Power over Ethernet (PoE)-VLAN support-Power over Ethernet (PoE)-VLAN support4093Operating temperature (T-T)0.5 0 °CDataransmission-Storage temperature (T-T)0.5 0 °CSwitching capacity *100 Colit/sOperating relative humidity (H+H)0.90%Nonoparating status *-Non-operating altitude0.3000 mMCa direses table *100 Golt/sNon-operating altitude0.3000 mStorage of diverse support-Mide dimensionJumbo frames support-Width40 mmJumbo frames support-Width			Built-in processor	1
Full dupAdd match and the second dup of t		IEEE 802.3x	Processor model	ARM Cortex-A9
Link agregation.Noise level46.4 dBBroadcast storm control.Mean time between failures (MTB)720892 hRate limiting.Power720892 hSpanning tree protocol.Power consumption (typical)37.9 WVLAN support.Power over Ethernet (PoE).Vitual LAN featuresMAC address-based VLAN, PrategoPower over Ethernet (PoE).Vutual, Voice VLANPower over Ethernet (PoE)Number of VLANs100 Gbit/sOperating temperature (T-T)Switching capacity100 Gbit/sOperating relative humidity (H+H)Store and forward100 Gbit/sOperating relative humidity (H+H)Store and-forwardJumbo framesJumbo framesJumbo framesJumbo framesJumbo framesJumbo frames<		×	Processor frequency	1250 MHz
Bradcast storm controlMean time between failures (MTBF)720892 hBroadcast storm control·PowerRate limiting·PowerSpanning tree protocol·Power consumption (typical)37.9 WVLAN support·Power over Ethernet (PoE)·Virtual LAN featuresMAC address-based VLAN, Private VLAN, Voice VLANPower over Ethernet (PoE)·Virtual LAN features4093Operating temperature (T-T)··Data transmission·Storage temperature (T-T)···Switching capacity *100 Gbit/sOperating relative humidity (H-H)0.90%··MAC address table *1000 ontriesOperating altitude0.3000 m··Storage relative humidity (H-H)0.90%·····Macaters table *1.186 µSVereating altitude0.3000 m·····Number of queues8Vereing altitude·· <td>Full duplex</td> <td></td> <td></td> <td></td>	Full duplex			
Biodical solutionImage: Province of the second	Link aggregation	1		
Spanning tree protocolPower consumption (typical)37.9 WSpanning tree protocolPower consumption (typical)37.9 WVLAN supportPower over Ethernet (PoE)Virtual LAN featuresMAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLANPower over Ethernet (PoE) *Number of VLANs4093Operational conditionsData transmissionOperating temperature (T-T)-20 - 70 °CSwitching capacity *100 Gbit/sOperating relative humidity (H-H)0 - 90%Throughput74.4 MppsStorage relative humidity (H-H)0 - 90%AC address table *16000 entriesOperating altitude0 - 3000 mStora-and-forwardNon-operating altitude0 - 3000 mLatency (I Gbps)1.186 µsHeat dissipation129.39 BTU/hNumber of queues8Weight & dimensions129.39 BTU/hJumb frames support10 MBPethert100 mmPacket buffer memory16 MBDepth100 mmPacket buffer memory16 MBEdigiti data3.176 sgDHCP featuresPHCP Option 82, DHCP relay, DHCP v6 server, DHCP snooping, DHCPv6 server, DHCP snooping, DHCPv6Storage table\$175 kgAccess Control List ACLUHarmonized System (HS) code\$176990Access Control List ACLUHarmonized System (HS) code\$176990	Broadcast storm control	1	Mean time between failures (MTBF)	720892 h
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Virtual LAN featuresVLAN, Protocol-based VLAN, Tagge VLAN, Voice VLANFower over Enternet (POE)************************************	VLAN support	1	Power over Ethernet (PoE)	
Number of VLANs 4093 Operating tention (Controls) Data transmission 50 or 0 0.50 °C Switching capacity* 100 Gbit/s 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 Store-and-forward Non-operating altitude 0 - 3000 m Number of queues 8 Non-operating altitude 0 - 3000 m Number of queues 1.186 µs Weight & dimensions 129.39 BTU/h Jumbo frames support Vidth 440 mm Jumbo frames 12000 Depth 1000 mm Packet buffer memory 16 MB Weight 3.2 mm DHCP option 82, DHCP shoopping, DHCPv6 eraly, DHCP shoopping, DHCPv6 eraly, DHCPv	Virtual LAN features	VLAN, Protocol-based VLAN, Tagged		×
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Latency (1 Gbps)1.186 μsHeat dissipation129.39 BTU/hNumber of queues8Weight & dimensionsJumbo frames support✓Width440 mmJumbo frames support✓Depth100 mmPacket buffer memory16 MBDepth43.2 mmSecurityDHCP Option 82, DHCP relay, DHCP client, DHCPv6 relay, DHCPv6 server, DHCP snooping, DHCPv6 server, DHCP snooping, DHCPv6 server, DHCP snoopingLogistics dataAccess Control List (ACL)✓✓Heat dissipationIGMP snooping✓✓✓	5 1			0 - 3000 m
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Jumbo frames supportImage: support of the	Latency (1 Gbps)	1.186 µs	Heat dissipation	129.39 BTU/h
Jumbo frames12000Depth100 mmPacket buffer memory16 MBDepth43.2 mmSecurityDHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snoopingLogistics dataAccess Control List (ACL)IGMP snooping	Number of queues	8	Weight & dimensions	
Packet buffer memory16 MBHeight43.2 mmSecurityWeight1.75 kgDHCP featuresDHCP Option 82, DHCP relay, DHCPv6 server, DHCP snooping, DHCPv6 server, DHCPv6 relay, DHCPv6 server, DHCPv6 snoopingLogistics dataAccess Control List (ACL)IGMP snoopingMarket SolutionMarket SolutionDHCP featuresMarket SolutionMarket Solution	Jumbo frames support	1	Width	440 mm
Security Weight 1.75 kg DHCP features DHCP Option 82, DHCP relay, DHCP sooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 s	Jumbo frames	12000	Depth	100 mm
DHCP features DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping Logistics data Access Control List (ACL) ✓ IGMP snooping ✓	Packet buffer memory	16 MB	Height	43.2 mm
DHCP features server, DHCP snooping, DHCPv6 client, DHCPv6 server, DHCPv6 server, DHCPv6 snooping Access Control List (ACL) ✓ IGMP snooping ✓	Security		Weight	1.75 kg
IGMP snooping	DHCP features	server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6	5	85176990
	Access Control List (ACL)	1		
SSH/SSL support 🗸	IGMP snooping	1		
	SSH/SSL support	1		

Security

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





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