

NETGEAR M4250-10G2XF-PoE++ Managed L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Zwart

Merk : NETGEAR

Artikelcode: GSM4212UX-100EUS

Productnaam : M4250-10G2XF-PoE++



NETGEAR M4250-10G2XF-PoE++. Switch type: Managed, Switch-laag: L2/L3. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 10. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 60 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.... Power over Ethernet (PoE). Rack-montage, Vormfactor: 1U

Beheerfuncties		Multicast-functies	
Switch type *	Managed	Multicast-ondersteuning	✓
Switch-laag	L2/L3	IPv4-multicast-vermeldingen	2000
Quality of Service (QoS)	✓	IPv6-multicast-vermeldingen	2000
Poorten & interfaces		Design	
Aantal basis-switching RJ-45 Ethernet-poorten *	10	Rack-montage *	✓
Type basis-switching RJ-45 Ethernet-poorten *	Gigabit Ethernet (10/100/1000)	Vormfactor	1U
Aantal moduleslots SPF+	2	Kleur van het product	Zwart
		LED-indicatoren	Power over Ethernet (PoE), Stroom, Status
Netwerk		Prestatie	
Netwerkstandaard *	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	Type processor	✓
10G support *	✗	Processormodel	ARM Cortex-A9
Full duplex	✓	Frequentie van processor	1250 MHz
Verbindingsaggregatie	✓	Intern geheugen	2048 MB
Broadcast stormbeheer	✓	Geluidsniveau	66,23 dB
Rate limiting	✓	Mean time between failures (MTBF)	947871 uur
Spanning tree protocol	✓	Energie	
VLAN=ondersteuning	✓	Stroomverbruik (typisch)	837,7 W
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE)	
Aantal VLANs	4093	Power over Ethernet (PoE) *	✓
		Aantal Power over Ethernet plus (PoE +)-poorten	8
		Totaal Power over Ethernet (PoE)-budget	720 W
Data-uitwisseling		Eisen aan de omgeving	
Switchingcapaciteit *	60 Gbit/s	Bedrijfstemperatuur (T-T)	0 - 50 °C
Throughput	44,64 Mpps	Temperatuur bij opslag	-20 - 70 °C
MAC-adrestabel *	16000 entries	Relatieve vochtigheid in bedrijf (V-V)	0 - 90 procent
Store-and-forward	✓	Luchtvochtigheid bij opslag	0 - 95 procent
Latentie (1 Gbps)	1,837 µs	Hoogte, in bedrijf	0 - 3000 m
Aantal wachtrijen	8	Hoogte bij opslag	0 - 3000 m
Jumbo Frames ondersteuning	✓	Warmtedissipatie	2859,91 BTU/h
Jumbo frames	12000	Gewicht en omvang	
Packet buffergeheugen	16 MB	Breedte	440 mm
		Diepte	200 mm
		Hoogte	43,2 mm
		Gewicht	3,83 kg
Beveiliging		Logistieke gegevens	
DHCP-functies	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Code geharmoniseerd systeem (HS)	85176990
Access Control List (ACL)	✓		
IGMP snooping	✓		
SSH/SSL support	✓		

Beveiliging

Bescherming lus	✓
BPDU filtering / bescherming	✓
Authenticatie	MAC-gebaseerde authenticatie
Authenticatie type	RADIUS



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