

NETGEAR M4250-16XF Managed L2/L3 1U Zwart

Merk : NETGEAR

Artikelcode: XSM4216F-100EUS

Productnaam : M4250-16XF



NETGEAR M4250-16XF. Switch type: Managed, Switch-laag: L2/L3. Console port: RJ-45/USB Type-C. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 320 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, Vormfactor: 1U

Beheerfuncties		Beveiliging	
Switch type *	Managed	Authenticatie type	RADIUS
Switch-laag	L2/L3	Multicast-functies	
Quality of Service (QoS)	✓	Multicast-ondersteuning	✓
Poorten & interfaces		IPv4-multicast-vermeldingen	2000
Type basis-switching RJ-45 Ethernet-poorten *	✗	IPv6-multicast-vermeldingen	2000
Aantal moduleslots SPF+	16	Design	
Console port	RJ-45/USB Type-C	Rack-montage *	✓
Netwerk		Vormfactor	1U
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	Kleur van het product	Zwart
10G support *	✓	LED-indicatoren	Power over Ethernet (PoE), Stroom, Status
Full duplex	✓	Prestatie	
Verbindingsaggregatie	✓	Type processor	✓
Broadcast stormbeheer	✓	Processormodel	ARM Cortex-A9
Rate limiting	✓	Frequentie van processor	1250 MHz
Spanning tree protocol	✓	Intern geheugen	2048 MB
VLAN=ondersteuning	✓	Geluidsniveau	56,7 dB
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Mean time between failures (MTBF)	778769 uur
Aantal VLANs	4093	Energie	
Data-uitwisseling		Stroomverbruik (typisch)	47,84 W
Switchingcapaciteit *	320 Gbit/s	Power over Ethernet (PoE)	
Throughput	238,08 Mpps	Power over Ethernet (PoE) *	✗
MAC-adrestabel *	16000 entries	Eisen aan de omgeving	
Store-and-forward	✓	Bedrijfstemperatuur (T-T)	0 - 50 °C
Latentie (1 Gbps)	1,274 µs	Temperatuur bij opslag	-20 - 70 °C
Latentie (10 Gbps)	0,811 µs	Relatieve vochtigheid in bedrijf (V-V)	0 - 90 procent
Aantal wachtrijen	8	Luchtvochtigheid bij opslag	0 - 95 procent
Jumbo Frames ondersteuning	✓	Hoogte, in bedrijf	0 - 3000 m
Jumbo frames	12000	Warmtedissipatie	163,33 BTU/h
Packet buffergeheugen	16 MB	Gewicht en omvang	
Beveiliging		Breedte	440 mm
DHCP-functies	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Diepte	100 mm
Access Control List (ACL)	✓	Hoogte	43,2 mm
IGMP snooping	✓	Gewicht	1,74 kg
SSH/SSL support	✓	Logistieke gegevens	
		Code geharmoniseerd systeem (HS)	85176990

Beveiliging

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



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