

NETGEAR M4250-16XF Hallittu L2/L3 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: XSM4216F-100EUS

Tuotteen nimi : M4250-16XF

NETGEAR M4250-16XF. Kytkin tyyppi: Hallittu, Kytinkerros: L2/L3. Console-portti: RJ-45/USB Type-C. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytöntäkapasiteetti: 320 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	MAC-based authentication
Switch layer	L2/L3	Authentication type	RADIUS
Quality of Service (QoS) support	✓	Multicast features	
Ports & interfaces		Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	✗	IPv4 multicast entries	2000
SFP+ module slots quantity	16	IPv6 multicast entries	2000
Console port	RJ-45/USB Type-C	Design	
Network		Rack mounting *	✓
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	Form factor	1U
		Product colour	Black
10G support *	✓	LED indicators	PoE, Power, Status
Full duplex	✓	Performance	
Link aggregation	✓	Built-in processor	✓
Broadcast storm control	✓	Processor model	ARM Cortex-A9
Rate limiting	✓	Processor frequency	1250 MHz
Spanning tree protocol	✓	Internal memory	2048 MB
VLAN support	✓	Noise level	56.7 dB
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Mean time between failures (MTBF)	778769 h
		Number of VLANs	4093
Data transmission		Power	
Switching capacity *	320 Gbit/s	Power consumption (typical)	47.84 W
Throughput	238.08 Mpps	Power over Ethernet (PoE)	
MAC address table *	16000 entries	Power over Ethernet (PoE) *	✗
Store-and-forward	✓	Operational conditions	
Latency (1 Gbps)	1.274 µs	Operating temperature (T-T)	0 - 50 °C
Latency (10 Gbps)	0.811 µs	Storage temperature (T-T)	-20 - 70 °C
Number of queues	8	Operating relative humidity (H-H)	0 - 90%
Jumbo frames support	✓	Storage relative humidity (H-H)	0 - 95%
Jumbo frames	12000	Operating altitude	0 - 3000 m
Packet buffer memory	16 MB	Heat dissipation	163.33 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	1.74 kg
Loop protection	✓	Logistics data	
		Harmonized System (HS) code	85176990

Security

BPDU filtering/protection





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