

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

Tuotemerkki : NETGEAR

Tuotekoodi: GSM4212UX-100EUS

Tuotteen nimi : M4250-10G2XF-PoE++

NETGEAR M4250-10G2XF-PoE++. Kytkin tyyppi: Hallittu, Kytinkerros: L2/L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 10. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 60 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.... Power over Ethernet -tuki. Telineasennus, Kotelo: 1U

Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L2/L3	IPv4 multicast entries	2000
Quality of Service (QoS) support	✓	IPv6 multicast entries	2000
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	10	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Form factor	1U
SFP+ module slots quantity	2	Product colour	Black
		LED indicators	PoE, Power, Status
Network		Performance	
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	Built-in processor	✓
10G support *	✗	Processor model	ARM Cortex-A9
Full duplex	✓	Processor frequency	1250 MHz
Link aggregation	✓	Internal memory	2048 MB
Broadcast storm control	✓	Noise level	66.23 dB
Rate limiting	✓	Mean time between failures (MTBF)	947871 h
Spanning tree protocol	✓	Power	
VLAN support	✓	Power consumption (typical)	837.7 W
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE)	
Number of VLANs	4093	Power over Ethernet (PoE) *	✓
		Power over Ethernet plus (PoE+) ports quantity	8
Data transmission		Total Power over Ethernet (PoE) budget	720 W
Switching capacity *	60 Gbit/s	Operational conditions	
Throughput	44.64 Mpps	Operating temperature (T-T)	0 - 50 °C
MAC address table *	16000 entries	Storage temperature (T-T)	-20 - 70 °C
Store-and-forward	✓	Operating relative humidity (H-H)	0 - 90%
Latency (1 Gbps)	1.837 µs	Storage relative humidity (H-H)	0 - 95%
Number of queues	8	Operating altitude	0 - 3000 m
Jumbo frames support	✓	Non-operating altitude	0 - 3000 m
Jumbo frames	12000	Heat dissipation	2859.91 BTU/h
Packet buffer memory	16 MB	Weight & dimensions	
		Width	440 mm
Security		Depth	200 mm
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Height	43.2 mm
Access Control List (ACL)	✓	Weight	3.83 kg
IGMP snooping	✓	Logistics data	
		Harmonized System (HS) code	85176990

Security

SSH/SSL support	✓
Loop protection	✓
BPDU filtering/protection	✓
Authentication	MAC-based authentication
Authentication type	RADIUS



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