

## 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) *	✓
Data transmission		Power over Ethernet plus (PoE+) ports quantity	8
Switching capacity *	60 Gbit/s	Total Power over Ethernet (PoE) budget	720 W
Throughput	44.64 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 50 °C
Store-and-forward	✓	Storage temperature (T-T)	-20 - 70 °C
Latency (1 Gbps)	1.837 µs	Operating relative humidity (H-H)	0 - 90%
Number of queues	8	Storage relative humidity (H-H)	0 - 95%
Jumbo frames support	✓	Operating altitude	0 - 3000 m
Jumbo frames	12000	Non-operating altitude	0 - 3000 m
Packet buffer memory	16 MB	Heat dissipation	2859.91 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	200 mm
IGMP snooping	✓	Height	43.2 mm
		Weight	3.83 kg
		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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