

NETGEAR M4250-10G2F Hallittu L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: GSM4212P-100EUS

Tuotteen nimi : M4250-10G2F



NETGEAR M4250-10G2F. Kytin 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: 24 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	IPv4 multicast entries	2000
Switch layer	L2/L3	IPv6 multicast entries	2000
Quality of Service (QoS) support	✓	Design	
Ports & interfaces		Rack mounting *	✓
Basic switching RJ-45 Ethernet ports quantity *	10	Form factor	1U
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Product colour	Black
SFP module slots quantity	2	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	30.06 dB
Rate limiting	✓	Mean time between failures (MTBF)	778769 h
Spanning tree protocol	✓	Power	
VLAN support	✓	Power consumption (typical)	163.9 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 *	24 Gbit/s	Power over Ethernet (PoE) power per port	30 W
Throughput	17.86 Mpps	Total Power over Ethernet (PoE) budget	150 W
MAC address table *	16000 entries	Operational conditions	
Store-and-forward	✓	Operating temperature (T-T)	0 - 50 °C
Latency (1 Gbps)	2.27 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	Non-operating altitude	0 - 3000 m
		Heat dissipation	559.555 BTU/h
		Weight & dimensions	
		Width	440 mm
		Depth	200 mm
		Height	43.2 mm
		Weight	2.85 kg

Security		Logistics data	
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Harmonized System (HS) code	85176990
Access Control List (ACL)	✓		
IGMP snooping	✓		
SSH/SSL support	✓		
Loop protection	✓		
BPDU filtering/protection	✓		
Authentication	MAC-based authentication		
Authentication type	RADIUS		
Multicast features			
Multicast support	✓		



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