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

Tuotemerkki : NETGEAR Tuotekoodi: GSM4212P-100EUS

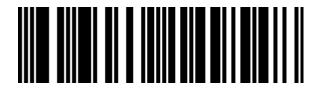
Tuotteen nimi: M4250-10G2F



NETGEAR M4250-10G2F. Kytkin tyyppi: Hallittu, Kytkinkerros: 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 * Switch layer	Managed L2/L3	IPv4 multicast entries IPv6 multicast entries	2000 2000
Quality of Service (QoS) support	✓	Design	
Ports & interfaces Basic switching RJ-45 Ethernet ports quantity * Basic switching RJ-45 Ethernet ports type *	10	Rack mounting * Form factor Product colour LED indicators	✓ 1U Black PoE, Power, Status
SFP module slots quantity	2	Performance	
Network		Built-in processor	✓
Networking standards * 10G support *	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	Processor model Processor frequency Internal memory Noise level Mean time between failures (MTBF)	ARM Cortex-A9 1250 MHz 2048 MB 30.06 dB 778769 h
Full duplex	^	Power	
Link aggregation	·	Power consumption (typical)	163.9 W
Broadcast storm control	<i>✓</i>	Power over Ethernet (PoE)	
Rate limiting	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet plus (PoE+)	8
VLAN support	✓	ports quantity	· ·
Virtual LAN features Number of VLANs	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN 4093	Power over Ethernet (PoE) power per port Total Power over Ethernet (PoE) budget	30 W 150 W
	4033	Operational conditions	
Data transmission Switching capacity * 24 Gbit/s Throughput 17.86 Mpps MAC address table * 16000 entries Store-and-forward ✓ Latency (1 Gbps) 2.27 µs Number of queues 8	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Heat dissipation	0 - 50 °C -20 - 70 °C 0 - 90% 0 - 95% 0 - 3000 m 0 - 3000 m 559.555 BTU/h	
Jumbo frames support Jumbo frames	12000	Weight & dimensions	
Packet buffer memory	16 MB	Width Depth Height Weight	440 mm 200 mm 43.2 mm 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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