

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

**Tuotemerkki :** NETGEAR

**Tuotekoodi:** GSM4212PX-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	IPv4 multicast entries	2000
Switch layer	L2/L3	IPv6 multicast entries	2000
Quality of Service (QoS) support	✓	<b>Design</b>	
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	✓
		Processor model	ARM Cortex-A9
10G support *	✗	Processor frequency	1250 MHz
Full duplex	✓	Internal memory	2048 MB
Link aggregation	✓	Noise level	39.22 dB
Broadcast storm control	✓	Mean time between failures (MTBF)	947871 h
Rate limiting	✓	Power	
Spanning tree protocol	✓	Power consumption (typical)	306.4 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE) *	✓
		Power over Ethernet plus (PoE+) ports quantity	8
Number of VLANs	4093	Power over Ethernet (PoE) power per port	30 W
Data transmission		Total Power over Ethernet (PoE) budget	240 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)	2.14 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	1046.05 BTU/h
Packet buffer memory	16 MB	Weight & dimensions	
Security		Width	440 mm
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Depth	200 mm
		Height	43.2 mm
Access Control List (ACL)	✓	Weight	2.96 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

## Multicast features

Multicast support	✓
-------------------	---



0606449149586



606449149586



(01)10606449149583

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.