

NETGEAR M4250-10G2XF-PoE+ Juhitav L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet tugi 1U Must

Brand : NETGEAR

Product code: GSM4212PX-100EUS

Product name : M4250-10G2XF-PoE+

NETGEAR M4250-10G2XF-PoE+. Lüliti tüüp: Juhitav, Lüliti kiht: L2/L3. RJ-45 Etherneti ühenduse pesade tüüp: Gigabit Ethernet (10/100/1000), RJ-45 Etherneti ühenduse pesade arv: 10. Täisdupleks. MAC-aadresside tabel: 16000 sisestust, Lülitusvõime: 60 Gbit/s. Võrgustandardid: 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 tugi. Püstikmontaaž, Toote kuju: 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 | 39.22 dB |
| Rate limiting | ✓ | Mean time between failures (MTBF) | 947871 h |
| Spanning tree protocol | ✓ | Power | |
| VLAN support | ✓ | Power consumption (typical) | 306.4 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 | Power over Ethernet (PoE) power per port | 30 W |
| Throughput | 44.64 Mpps | Total Power over Ethernet (PoE) budget | 240 W |
| MAC address table * | 16000 entries | Operational conditions | |
| Store-and-forward | ✓ | Operating temperature (T-T) | 0 - 50 °C |
| Latency (1 Gbps) | 2.14 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 |
| Security | | Heat dissipation | 1046.05 BTU/h |
| DHCP features | DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping | Weight & dimensions | |
| Access Control List (ACL) | ✓ | Width | 440 mm |
| IGMP snooping | ✓ | Depth | 200 mm |
| | | Height | 43.2 mm |
| | | Weight | 2.96 kg |
| | | 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 | ✓ |
|-------------------|---|



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