

NETGEAR M4250-12M2XF Managed L2/L3 2.5G Ethernet 1U Schwarz

Marke : NETGEAR

Artikel-Code: MSM4214X-100EUS

Produktname : M4250-12M2XF

NETGEAR M4250-12M2XF. Switch-Typ: Managed, Switch-Ebene: L2/L3. Basic Switching RJ-45 Ethernet Ports-Typ: 2.5G Ethernet, Anzahl der basisschaltenden RJ-45 Ethernet Ports: 12. Vollduplex. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 100 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Rack-Einbau, Formfaktor: 1U

Management-Funktionen		Multicast-Funktionen	
Switch-Typ *	Managed	Multicast Unterstützung	✓
Switch-Ebene	L2/L3	IPv4 Multicast-Einträge	2000
Quality of Service (QoS) Support	✓	IPv6 Multicast-Einträge	2000
Anschlüsse und Schnittstellen		Design	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	12	Rack-Einbau *	✓
Basic Switching RJ-45 Ethernet Ports-Typ *	2.5G Ethernet	Formfaktor	1U
Menge Modul-Steckplätze SFP+	2	Produktfarbe	Schwarz
		LED-Anzeigen	PoE, Leistung, Status
Netzwerk		Leistungen	
Netzstandard *	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	Eingebauter Prozessor	✓
10G-Unterstützung *	✗	Prozessor	ARM Cortex-A9
Vollduplex	✓	Prozessortaktfrequenz	1250 MHz
Link Aggregation	✓	Speicherkapazität	2048 MB
Broadcast-Sturmkontrolle	✓	Geräuschpegel	46,4 dB
Ratenbeschränkung	✓	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	720892 h
Spannbaum-Protokoll	✓	Energie	
VLAN-Unterstützung	✓	Stromverbrauch (Standardbetrieb)	37,9 W
Virtuelle LAN-Funktionen	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE)	
Anzahl der VLANs	4093	Power over Ethernet (PoE) *	✗
Datenübertragung		Betriebsbedingungen	
Routing-/Switching-Kapazität *	100 Gbit/s	Betriebstemperatur	0 - 50 °C
Durchgang	74,4 Mpps	Temperaturbereich bei Lagerung	-20 - 70 °C
MAC-Adressentabelle *	16000 Eintragungen	Relative Luftfeuchtigkeit in Betrieb	0 - 90%
Store-and-Forward	✓	Luftfeuchtigkeit bei Lagerung	0 - 95%
Wartezeit (1 Gbps)	1,186 µs	Höhe bei Betrieb	0 - 3000 m
Anzahl Queues	8	Höhe bei Lagerung	0 - 3000 m
Jumbo Frames Unterstützung	✓	Wärmeableitung	129,39 BTU/h
Jumbo-Frames	12000	Gewicht und Abmessungen	
Datenpaket-Pufferspeicher	16 MB	Breite	440 mm
Sicherheit		Tiefe	100 mm
DHCP-Funktionen	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Höhe	43,2 mm
Zugriffskontrollliste	✓	Gewicht	1,75 kg
IGMP-Snooping	✓	Logistikdaten	
		Warentarifnummer (HS)	85176990

Sicherheit

SSH-/SSL-Unterstützung	✓
Loop Protection	✓
BPDU-Filterung/Schutz	✓
Authentifizierung	MAC-basierte Authentifizierung
Authentifizierungstyp	RADIUS



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