

NETGEAR M4250-16XF Managed L2/L3 1U Schwarz

Marke : NETGEAR

Artikel-Code: XSM4216F-100EUS

Produktname : M4250-16XF



NETGEAR M4250-16XF. Switch-Typ: Managed, Switch-Ebene: L2/L3. Konsolen-Port: RJ-45/USB Type-C. Vollduplex. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 320 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		Sicherheit	
Switch-Typ *	Managed	Autentifizierungstyp	RADIUS
Switch-Ebene	L2/L3	Multicast-Funktionen	
Quality of Service (QoS) Support	✓	Multicast Unterstützung	✓
Anschlüsse und Schnittstellen		IPv4 Multicast-Einträge	2000
Basic Switching RJ-45 Ethernet Ports-Typ *	✗	IPv6 Multicast-Einträge	2000
Menge Modul-Steckplätze SFP+	16	Design	
Konsolen-Port	RJ-45/USB Type-C	Rack-Einbau *	✓
Netzwerk		Formfaktor	1U
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	Produktfarbe	Schwarz
10G-Unterstützung *	✓	LED-Anzeigen	PoE, Leistung, Status
Vollduplex	✓	Leistungen	
Link Aggregation	✓	Eingebauter Prozessor	✓
Broadcast-Sturmkontrolle	✓	Prozessor	ARM Cortex-A9
Ratenbeschränkung	✓	Prozessortaktfrequenz	1250 MHz
Spannbaum-Protokoll	✓	Speicherkapazität	2048 MB
VLAN-Unterstützung	✓	Geräuschpegel	56,7 dB
Virtuelle LAN-Funktionen	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	778769 h
Anzahl der VLANs	4093	Energie	
Datenübertragung		Stromverbrauch (Standardbetrieb)	47,84 W
Routing-/Switching-Kapazität *	320 Gbit/s	Power over Ethernet (PoE)	
Durchgang	238,08 Mpps	Power over Ethernet (PoE) *	✗
MAC-Adressentabelle *	16000 Eintragungen	Betriebsbedingungen	
Store-and-Forward	✓	Betriebstemperatur	0 - 50 °C
Wartezeit (1 Gbps)	1,274 µs	Temperaturbereich bei Lagerung	-20 - 70 °C
Wartezeit (10 Gbps)	0,811 µs	Relative Luftfeuchtigkeit in Betrieb	0 - 90%
Anzahl Queues	8	Luftfeuchtigkeit bei Lagerung	0 - 95%
Jumbo Frames Unterstützung	✓	Höhe bei Betrieb	0 - 3000 m
Jumbo-Frames	12000	Wärmeableitung	163,33 BTU/h
Datenpaket-Pufferspeicher	16 MB	Gewicht und Abmessungen	
Sicherheit		Breite	440 mm
DHCP-Funktionen	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Tiefe	100 mm
Zugriffskontrollliste	✓	Höhe	43,2 mm
IGMP-Snooping	✓	Gewicht	1,74 kg
SSH-/SSL-Unterstützung	✓	Logistikdaten	
		Warentarifnummer (HS)	85176990

Sicherheit

Loop Protection	✓
BPDU-Filterung/Schutz	✓
Authentifizierung	MAC-basierte Authentifizierung



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