

NETGEAR M4350-12X12F Managed L3 10G Ethernet (100/1000/10000) 1U Zwart

Merk : NETGEAR

Artikelcode: XSM4324-100NES

Productnaam : M4350-12X12F



NETGEAR M4350-12X12F. Switch type: Managed, Switch-laag: L3. Type basis-switching RJ-45 Ethernet-poorten: 10G Ethernet (100/1000/10000), Aantal basis-switching RJ-45 Ethernet-poorten: 12. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 480 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Netstekker: AC-in-aansluiting. Rack-montage, Vormfactor: 1U

Beheerfuncties		Beveiliging	
Switch type *	Managed	DoS aanval preventie	✓
Switch-laag	L3	Authenticatie type	RADIUS, TACACS+
Quality of Service (QoS)	✓	Algoritmen wachtrijplanning	Strict Priority Queue (SPQ), Weighted random early detection (WRED)
Web-gebaseerd management	✓		
ARP-inspectie	✓		
Poorten & interfaces		Multicast-functies	
Aantal basis-switching RJ-45 Ethernet-poorten *	12	Multicast-ondersteuning	✓
Type basis-switching RJ-45 Ethernet-poorten *	10G Ethernet (100/1000/10000)	Multicast Listener Discovery (MLD) snooping	✓
Aantal 10G Ethernet (koper)poorten	12	Protocollen	
Aantal moduleslots SPF+	12	Beheerprotocollen	SNMP V1, V2, V3
Netstekker	AC-in-aansluiting	GARP VLAN Registratieprotocol (GVRP)	✓
Netwerk		Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
Netwerkstandaard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ak, IEEE 802.3bz, IEEE 802.3u	Design	
10G support *	✓	Rack-montage *	✓
Full duplex	✓	Stapelbaar *	✓
Op beleid gebaseerde routing	✓	Vormfactor	1U
Datastroombeheer	✓	Kleur van het product	Zwart
Verbindingsaggregatie	✓	LED-indicatoren	✓
Broadcast stormbeheer	✓	Luchtstroomrichting	Luchtstroom van voren naar achteren
Rate limiting	✓	Prestatie	
Spanning tree protocol	✓	Type processor	✓
6to4-tunnel	✓	Processormodel	ARM Cortex-A57
IPv4-routes	512	Frequentie van processor	1800 MHz
IPv6-routes	256	Type geheugen	DDR4-SDRAM
VLAN=ondersteuning	✓	Intern geheugen	2048 MB
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Voice VLAN	Flash memory	512 MB
Aantal VLANs	4093	sFlow	✓
Data-uitwisseling		Technische details	
Switchingcapaciteit *	480 Gbit/s	Certificaten van naleving	BSMI, CCC, CE, Federal Communications Commission (FCC), Laagspanningsrichtlijn (LVD)
Throughput	357,12 Mpps	Energie	
MAC-adrestabel *	16000 entries	Stroombron *	AC
Store-and-forward	✓	Vermogenstoevoer inclusief *	✓

Data-uitwisseling		Energie	
Latentie (1 Gbps)	2,14 µs	Stroomverbruik (typisch)	95,8 W
Latentie (10 Gbps)	2,29 µs	Power over Ethernet (PoE)	
Jumbo Frames ondersteuning	✓	Power over Ethernet (PoE) *	✗
Jumbo frames	12000	Eisen aan de omgeving	
Packet buffergeheugen	32 MB	Bedrijfstemperatuur (T-T)	0 - 50 °C
Beveiliging		Temperatuur bij opslag	-20 - 70 °C
DHCP-functies	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Relatieve vochtigheid in bedrijf (V-V)	0 - 90 procent
Access Control List (ACL)	✓	Luchtvochtigheid bij opslag	0 - 95 procent
Toegangsbeheerlijst (ACL) uitgaand	1023	Hoogte, in bedrijf	0 - 3000 m
Toegangsbeheerlijst (ACL) inkomend	511	Hoogte bij opslag	0 - 3000 m
IGMP snooping	✓	Gewicht en omvang	
IGMP-proxy	✓	Breedte	220 mm
MAC adres filtering	✓	Diepte	400 mm
Statische poort beveiliging	✓	Hoogte	43,2 mm
Bescherming lus	✓	Gewicht	4,3 kg
BPDU filtering / bescherming	✓	Verpakking	
Authenticatie	Gast-VLAN, MAC-gebaseerde authenticatie	Meegeleverde kabels	AC, USB Type-C
Root-bescherming	✓	Snelstartgids	✓
Wachtwoordbeveiliging	✓	Rekbevestigingspakket	✓
		Inbegrepen soorten voedingsstekkers	EU, UK, NA
		Duurzaamheid	
		Naleving van duurzaamheid	✓
		Overige specificaties	
		Netvoeding	240 W



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