

NETGEAR M4350-24X4V Managed L3 10G Ethernet
(100/1000/10000) Power over Ethernet (PoE) 1U Zwart

Merk : NETGEAR

Artikelcode: XSM4328CV-100NES



Productnaam : M4350-24X4V

NETGEAR M4350-24X4V. 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: 24. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 680 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. Power over Ethernet (PoE). Rack-montage, Vormfactor: 1U



Beheerfuncties

Switch type *	Managed
Switch-laag	L3
Quality of Service (QoS)	✓
Web-gebaseerd management	✓
ARP-inspectie	✓

Poorten & interfaces

Aantal basis-switching RJ-45 Ethernet-poorten *	24
Type basis-switching RJ-45 Ethernet-poorten *	10G Ethernet (100/1000/10000)
Aantal 10G Ethernet (koper)poorten	24
Aantal SFP28-poorten	4
Netstekker	AC-in-aansluiting

Netwerk

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
10G support *	✓
Full duplex	✓
Op beleid gebaseerde routing	✓
Datastroombeheer	✓
Verbindingsaggregatie	✓
Broadcast stormbeheer	✓
Rate limiting	✓
Spanning tree protocol	✓
6to4-tunnel	✓
IPv4-routes	512
IPv6-routes	256
VLAN=ondersteuning	✓
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Voice VLAN
Aantal VLANs	4093

Data-uitwisseling

Switchingcapaciteit *	680 Gbit/s
Throughput	505,92 Mpps
MAC-adrestabel *	16000 entries

Multicast-functies

Multicast-ondersteuning	✓
Multicast Listener Discovery (MLD) snooping	✓

Protocollen

Beheerprotocollen	SNMP V1, V2, V3
GARP VLAN Registratieprotocol (GVRP)	✓
Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2

Design

Rack-montage *	✓
Stapelbaar *	✓
Vormfactor	1U
Kleur van het product	Zwart
LED-indicatoren	✓
Luchtstroomrichting	Luchtstroom van voren naar achteren

Prestatie

Type processor	✓
Processormodel	ARM Cortex-A57
Frequentie van processor	1800 MHz
Type geheugen	DDR4-SDRAM
Intern geheugen	2048 MB
Flash memory	512 MB
sFlow	✓

Energie

Stroombron *	AC
Vermogenstoever inclusief *	✓
Stroomverbruik (typisch)	119,4 W
Vermogensverbruik (max)	750,1 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✓
Aantal Power over Ethernet plus (PoE +)-poorten	24
Vermogen per poort Power over Ethernet (PoE)	30 W

Data-uitwisseling		Power over Ethernet (PoE)	
Store-and-forward	✓	Totaal Power over Ethernet (PoE)-budget	720 W
Latentie (1 Gbps)	2,43 µs	Eisen aan de omgeving	
Latentie (10 Gbps)	2,2 µs	Bedrijfstemperatuur (T-T)	0 - 45 °C
Jumbo Frames ondersteuning	✓	Temperatuur bij opslag	-20 - 70 °C
Jumbo frames	12000	Relatieve vochtigheid in bedrijf (V-V)	0 - 90 procent
Packet buffergeheugen	32 MB	Luchtvochtigheid bij opslag	0 - 95 procent
Beveiliging		Hoogte, in bedrijf	0 - 3000 m
DHCP-functies	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Hoogte bij opslag	0 - 3000 m
Access Control List (ACL)	✓	Gewicht en omvang	
Toegangsbeheerlijst (ACL) uitgaand	1023	Breedte	440 mm
Toegangsbeheerlijst (ACL) inkomend	511	Diepte	400 mm
IGMP snooping	✓	Hoogte	43,2 mm
IGMP-proxy	✓	Gewicht	6,58 kg
MAC adres filtering	✓	Verpakking	
Statische poort beveiliging	✓	Meegeleverde kabels	AC, USB Type-C
Bescherming lus	✓	Snelstartgids	✓
BPDU filtering / bescherming	✓	Rekbevestigingspakket	✓
Authenticatie	Gast-VLAN, MAC-gebaseerde authenticatie	Inbegrepen soorten voedingsstekkers	EU, UK, NA
Root-bescherming	✓	Duurzaamheid	
Wachtwoordbeveiliging	✓	Naleving van duurzaamheid	✓
DoS aanval preventie	✓	Duurzaamheidscertificaten	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
Authenticatie type	RADIUS, TACACS+	Overige specificaties	
Algoritmen wachtrijplanning	Strict Priority Queue (SPQ), Weighted random early detection (WRED)	Netvoeding	880 W



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