

NETGEAR M4350-36X4V Managed L3 10G Ethernet
(100/1000/10000) Power over Ethernet (PoE) 1U Zwart

Merk : NETGEAR

Artikelcode: XSM4340CV-100NES

Productnaam : M4350-36X4V

NETGEAR M4350-36X4V. 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: 36. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 920 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.... Netsstekker: AC-in-aansluiting. Power over Ethernet (PoE). Rack-montage, Vormfactor: 1U



Beheerfuncties		Multicast-functies	
Switch type *	Managed	Multicast Listener Discovery (MLD) snooping	✓
Switch-laag	L3	Protocollen	
Quality of Service (QoS)	✓	Beheerprotocollen	SNMP V1, V2, V3
Web-gebaseerd management	✓	GARP VLAN Registratieprotocol (GVRP)	✓
ARP-inspectie	✓	Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
Poorten & interfaces		Design	
Aantal basis-switching RJ-45 Ethernet-poorten *	36	Rack-montage *	✓
Type basis-switching RJ-45 Ethernet-poorten *	10G Ethernet (100/1000/10000)	Stapelbaar *	✓
Aantal 10G Ethernet (koper)poorten	36	Vormfactor	1U
Aantal SFP28-poorten	4	Kleur van het product	Zwart
Netstekker	AC-in-aansluiting	LED-indicatoren	✓
Netwerk		Luchtstroomrichting	Luchtstroom van voren naar achteren
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	Prestatie	
10G support *	✓	Type processor	✓
Full duplex	✓	Processormodel	ARM Cortex-A57
Op beleid gebaseerde routing	✓	Frequentie van processor	1800 MHz
Datastroombeheer	✓	Type geheugen	DDR4-SDRAM
Verbindingsaggregatie	✓	Intern geheugen	4096 MB
Broadcast stormbeheer	✓	Flash memory	512 MB
Rate limiting	✓	Geluidsniveau	54 dB
Spanning tree protocol	✓	sFlow	✓
6to4-tunnel	✓	Energie	
IPv4-routes	512	Stroombron *	AC
IPv6-routes	256	Vermogenstoever inclusief *	✓
VLAN=ondersteuning	✓	AC-ingangsspanning	100 - 240 V
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Voice VLAN	AC-ingangsfrequentie	60 Hz
Aantal VLANs	4093	Stroomverbruik (typisch)	148 W
Data-uitwisseling		Vermogensverbruik (max)	454 W
Switchingcapaciteit *	920 Gbit/s	Power over Ethernet (PoE)	
Throughput	684,48 Mpps	Power over Ethernet (PoE) *	✓
MAC-adrestabel *	16000 entries	Aantal Power over Ethernet 4PPoE (PoE++)-poorten	36

Data-uitwisseling		Power over Ethernet (PoE)	
Store-and-forward	✓	Vermogen per poort Power over Ethernet (PoE)	90 W
Latentie (1 Gbps)	2,54 µs	Totaal Power over Ethernet (PoE)-budget	1760 W
Latentie (10 Gbps)	2,75 µs		
Jumbo Frames ondersteuning	✓	Eisen aan de omgeving	
Jumbo frames	12000	Bedrijfstemperatuur (T-T)	0 - 45 °C
Packet buffergeheugen	64 MB	Temperatuur bij opslag	-20 - 70 °C
Beveiliging		Relatieve vochtigheid in bedrijf (V-V)	0 - 90 procent
DHCP-functies	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Luchtvochtigheid bij opslag	0 - 95 procent
Access Control List (ACL)	✓	Hoogte, in bedrijf	0 - 3000 m
Toegangsbeheerlijst (ACL) uitgaand	1023	Hoogte bij opslag	0 - 3000 m
Toegangsbeheerlijst (ACL) inkomend	511	Gewicht en omvang	
IGMP snooping	✓	Breedte	440 mm
IGMP-proxy	✓	Diepte	400 mm
MAC adres filtering	✓	Hoogte	43,2 mm
Statische poort beveiliging	✓	Gewicht	7,33 kg
Bescherming lus	✓	Verpakking	
BPDU filtering / bescherming	✓	Meegeleverde kabels	AC, USB Type-C
Authenticatie	Gast-VLAN, MAC-gebaseerde authenticatie	Gebruiksaanwijzing	✓
Root-bescherming	✓	Rekbevestigingspakket	✓
Wachtwoordbeveiliging	✓	Inbegrepen soorten voedingsstekkers	EU, NA, UK
DoS aanval preventie	✓	Duurzaamheid	
Authenticatie type	RADIUS, TACACS+	Naleving van duurzaamheid	✓
Algoritmen wachtrijsplanning	Strict Priority Queue (SPQ), Weighted random early detection (WRED)	Duurzaamheidscertificaten	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
Multicast-functies		Overige specificaties	
Multicast-ondersteuning	✓	Netvoeding	750 W



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