

NETGEAR M4350-48G4XF Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Zwart

Merk : NETGEAR

Artikelcode: GSM4352-100NES



Productnaam : M4350-48G4XF

NETGEAR M4350-48G4XF. Switch type: Managed, Switch-laag: L3. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 48. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 176 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		Multicast-functies	
Switch type *	Managed	Multicast-ondersteuning	✓
Switch-laag	L3	Multicast Listener Discovery (MLD) snooping	✓
Quality of Service (QoS)	✓	Protocollen	
Web-gebaseerd management	✓	Beheerprotocollen	SNMP V1, V2, V3
ARP-inspectie	✓	GARP VLAN Registratieprotocol (GVRP)	✓
Poorten & interfaces		Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
Aantal basis-switching RJ-45 Ethernet-poorten *	48	Design	
Type basis-switching RJ-45 Ethernet-poorten *	Gigabit Ethernet (10/100/1000)	Rack-montage *	✓
Aantal Gigabit Ethernet (koper)-poorten	48	Stapelbaar *	✓
Aantal moduleslots SPF+	4	Vormfactor	1U
Netstekker	AC-in-aansluiting	Kleur van het product	Zwart
Netwerk		LED-indicatoren	✓
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	Luchtstroomrichting	Luchtstroom van voren naar achteren
10G support *	✓	Prestatie	
Full duplex	✓	Type processor	✓
Op beleid gebaseerde routing	✓	Processormodel	ARM Cortex-A57
Datastroombeheer	✓	Frequentie van processor	1800 MHz
Verbindingsaggregatie	✓	Type geheugen	DDR4-SDRAM
Broadcast stormbeheer	✓	Intern geheugen	2048 MB
Rate limiting	✓	Flash memory	512 MB
Spanning tree protocol	✓	sFlow	✓
6to4-tunnel	✓	Energie	
IPv4-routes	512	Stroombron *	AC
IPv6-routes	256	Vermogenstoevoer inclusief *	✓
VLAN=ondersteuning	✓	Stroomverbruik (typisch)	99 W
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Voice VLAN	Vermogensverbruik (max)	348 W
Aantal VLANs	4093	Power over Ethernet (PoE)	
Data-uitwisseling		Power over Ethernet (PoE) *	✓
Switchingcapaciteit *	176 Gbit/s	Aantal Power over Ethernet plus (PoE +)-poorten	48
Throughput	130,94 Mpps	Vermogen per poort Power over Ethernet (PoE)	30 W
MAC-adrestabel *	16000 entries	Totaal Power over Ethernet (PoE)-budget	1440 W

Data-uitwisseling		Eisen aan de omgeving	
Store-and-forward	✓	Bedrijfstemperatuur (T-T)	0 - 45 °C
Latentie (1 Gbps)	2,2 µs	Temperatuur bij opslag	-20 - 70 °C
Latentie (10 Gbps)	0,7 µs	Relatieve vochtigheid in bedrijf (V-V)	0 - 90 procent
Jumbo Frames ondersteuning	✓	Luchtvochtigheid bij opslag	0 - 95 procent
Jumbo frames	12000	Hoogte, in bedrijf	0 - 3000 m
Packet buffergeheugen	32 MB	Hoogte bij opslag	0 - 3000 m
Beveiliging		Gewicht en omvang	
DHCP-functies	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Breedte	440 mm
Access Control List (ACL)	✓	Diepte	400 mm
Toegangsbeheerlijst (ACL) uitgaand	1023	Hoogte	43,2 mm
Toegangsbeheerlijst (ACL) inkomend	511	Gewicht	7,19 kg
IGMP snooping	✓	Verpakking	
IGMP-proxy	✓	Meegeleverde kabels	AC, USB Type-C
MAC adres filtering	✓	Snelstartgids	✓
Statische poort beveiliging	✓	Rekbevestigingspakket	✓
Bescherming lus	✓	Inbegrepen soorten voedingsstekkers	EU, UK, NA
BPDU filtering / bescherming	✓	Duurzaamheid	
Authenticatie	Gast-VLAN, MAC-gebaseerde authenticatie	Naleving van duurzaamheid	✓
Root-bescherming	✓	Duurzaamheidscertificaten	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
Wachtwoordbeveiliging	✓	Overige specificaties	
DoS aanval preventie	✓	Netvoeding	550 W
Authenticatie type	RADIUS, TACACS+		
Algoritmen wachtrijplanning	Strict Priority Queue (SPQ), Weighted random early detection (WRED)		



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