

NETGEAR M4350-40X4C Managed L3 10G Ethernet
(100/1000/10000) Power over Ethernet (PoE) 1U Zwart

Merk : NETGEAR

Artikelcode: XSM4344C-100NES



Productnaam : M4350-40X4C

NETGEAR M4350-40X4C. 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: 40. Full duplex. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 1600 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



Management features		Multicast features	
Switch type *	Managed	Multicast Listener Discovery (MLD) snooping	✓
Switch layer	L3	Protocols	
Quality of Service (QoS) support	✓	Management protocols	SNMP V1, V2, V3
Web-based management	✓	GARP VLAN Registration Protocol (GVRP)	✓
ARP inspection	✓	Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	40	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Stackable *	✓
10G Ethernet (copper) ports quantity	40	Form factor	1U
QSFP28 ports quantity	4	Product colour	Black
Power connector	AC-in jack	LED indicators	✓
Network		Airflow direction	Front-to-back airflow
Networking standards *	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	Performance	
10G support *	✓	Built-in processor	✓
Full duplex	✓	Processor model	ARM Cortex-A57
Policy-based routing	✓	Processor frequency	1800 MHz
Flow control support	✓	Memory type	DDR4-SDRAM
Link aggregation	✓	Internal memory	4096 MB
Broadcast storm control	✓	Flash memory	512 MB
Rate limiting	✓	sFlow	✓
Spanning tree protocol	✓	Power	
6to4 tunnel	✓	Power source *	AC
IPv4 routes	512	Power supply included *	✓
IPv6 routes	256	Power consumption (typical)	200.4 W
VLAN support	✓	Power consumption (max)	413 W
Power over Ethernet (PoE)			
Power over Ethernet (PoE) *		✓	
Power over Ethernet plus (PoE+) ports quantity		40	

Network		Power over Ethernet (PoE)	
Virtual LAN features	MAC address-based VLAN, Private VLAN, Voice VLAN	Power over Ethernet (PoE) power per port	90 W
Number of VLANs	4093	Total Power over Ethernet (PoE) budget	1676 W
Data transmission		Other features	
Switching capacity *	1600 Gbit/s	Power supply	750 W
Throughput	1190.4 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 45 °C
Store-and-forward	✓	Storage temperature (T-T)	-20 - 70 °C
Latency (10 Gbps)	2.71 µs	Operating relative humidity (H-H)	0 - 90%
Jumbo frames support	✓	Storage relative humidity (H-H)	0 - 95%
Jumbo frames	12000	Operating altitude	0 - 3000 m
Packet buffer memory	256 MB	Non-operating altitude	0 - 3000 m
Security		Weight & dimensions	
DHCP features	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Width	440 mm
Access Control List (ACL)	✓	Depth	400 mm
Access Control List (ACL) egress	1023	Height	43.2 mm
Access Control List (ACL) ingress	511	Weight	7.76 kg
IGMP snooping	✓	Packaging content	
IGMP proxy	✓	Cables included	AC, USB Type-C
MAC address filtering	✓	Quick start guide	✓
Static port security	✓	Rack mount kit	✓
Loop protection	✓	Packaging data	
BPDU filtering/protection	✓	Included power plug types	EU, UK, NA
Authentication	Guest VLAN, MAC-based authentication	Sustainability	
Root protection	✓	Sustainability compliance	✓
Password protection	✓	Certificates	
DoS attack prevention	✓	Compliance certificates	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
Authentication type	RADIUS, TACACS+		
Queue scheduling algorithms	Strict Priority Queue (SPQ), Weighted random early detection (WRED)		
Multicast features			
Multicast support	✓		



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