

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

Marke : NETGEAR

Artikel-Code: XSM4328CV-100NES



Produktname : M4350-24X4V

NETGEAR M4350-24X4V. Switch-Typ: Managed, Switch-Ebene: L3. Basic Switching RJ-45 Ethernet Ports-Typ: 10G Ethernet (100/1000/10000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24. Vollduplex. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 680 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Netzstecker: AC-Eingangsbuchse. Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U

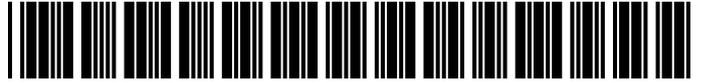


Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L3	Multicast Listener Discovery (MLD) snooping	✓
Quality of Service (QoS) support	✓	<b>Protocols</b>	
Web-based management	✓	Management protocols	SNMP V1, V2, V3
ARP inspection	✓	GARP VLAN Registration Protocol (GVRP)	✓
<b>Ports &amp; interfaces</b>		Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
Basic switching RJ-45 Ethernet ports quantity *	24	<b>Design</b>	
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Rack mounting *	✓
10G Ethernet (copper) ports quantity	24	Stackable *	✓
SFP28 ports quantity	4	Form factor	1U
Power connector	AC-in jack	Product colour	Black
<b>Network</b>		LED indicators	✓
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	Airflow direction	Front-to-back airflow
10G support *	✓	<b>Performance</b>	
Full duplex	✓	Built-in processor	✓
Policy-based routing	✓	Processor model	ARM Cortex-A57
Flow control support	✓	Processor frequency	1800 MHz
Link aggregation	✓	Memory type	DDR4-SDRAM
Broadcast storm control	✓	Internal memory	2048 MB
Rate limiting	✓	Flash memory	512 MB
Spanning tree protocol	✓	sFlow	✓
6to4 tunnel	✓	<b>Power</b>	
IPv4 routes	512	Power source *	AC
IPv6 routes	256	Power supply included *	✓
VLAN support	✓	Power consumption (typical)	119.4 W
		Power consumption (max)	750.1 W
		<b>Power over Ethernet (PoE)</b>	
		Power over Ethernet (PoE) *	✓

Network		Power over Ethernet (PoE)	
Virtual LAN features	MAC address-based VLAN, Private VLAN, Voice VLAN	Power over Ethernet plus (PoE+) ports quantity	24
Number of VLANs	4093	Power over Ethernet (PoE) power per port	30 W
Data transmission		Total Power over Ethernet (PoE) budget	720 W
Switching capacity *	680 Gbit/s	Other features	
Throughput	505.92 Mpps	Power supply	880 W
MAC address table *	16000 entries	Operational conditions	
Store-and-forward	✓	Operating temperature (T-T)	0 - 45 °C
Latency (1 Gbps)	2.43 µs	Storage temperature (T-T)	-20 - 70 °C
Latency (10 Gbps)	2.2 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	32 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	6.58 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)		



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