

NETGEAR M4350-12X12F Managed L3 10G Ethernet (100/1000/10000) 1U Schwarz

Marke : NETGEAR

Artikel-Code: XSM4324-100NES

Produktname : M4350-12X12F

NETGEAR M4350-12X12F. 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: 12. Vollduplex. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 480 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. Rack-Einbau, Formfaktor: 1U



Management features		Security	
Switch type *	Managed	Authentication type	RADIUS, TACACS+
Switch layer	L3	Queue scheduling algorithms	Strict Priority Queue (SPQ), Weighted random early detection (WRED)
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
ARP inspection	✓	Multicast Listener Discovery (MLD) snooping	✓
Ports & interfaces		Protocols	
Basic switching RJ-45 Ethernet ports quantity *	12	Management protocols	SNMP V1, V2, V3
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	GARP VLAN Registration Protocol (GVRP)	✓
10G Ethernet (copper) ports quantity	12	Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
SFP+ module slots quantity	12	Design	
Power connector	AC-in jack	Rack mounting *	✓
Network		Stackable *	✓
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	Form factor	1U
10G support *	✓	Product colour	Black
Full duplex	✓	LED indicators	✓
Policy-based routing	✓	Airflow direction	Front-to-back airflow
Flow control support	✓	Performance	
Link aggregation	✓	Built-in processor	✓
Broadcast storm control	✓	Processor model	ARM Cortex-A57
Rate limiting	✓	Processor frequency	1800 MHz
Spanning tree protocol	✓	Memory type	DDR4-SDRAM
6to4 tunnel	✓	Internal memory	2048 MB
IPv4 routes	512	Flash memory	512 MB
IPv6 routes	256	sFlow	✓
VLAN support	✓	Power	
Virtual LAN features	MAC address-based VLAN, Private VLAN, Voice VLAN	Power source *	AC
		Power supply included *	✓
		Power consumption (typical)	95.8 W

Network		Power over Ethernet (PoE)	
Number of VLANs	4093	Power over Ethernet (PoE) *	✗
Data transmission		Other features	
Switching capacity *	480 Gbit/s	Power supply	240 W
Throughput	357.12 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 50 °C
Store-and-forward	✓	Storage temperature (T-T)	-20 - 70 °C
Latency (1 Gbps)	2.14 µs	Operating relative humidity (H-H)	0 - 90%
Latency (10 Gbps)	2.29 µs	Storage relative humidity (H-H)	0 - 95%
Jumbo frames support	✓	Operating altitude	0 - 3000 m
Jumbo frames	12000	Non-operating altitude	0 - 3000 m
Packet buffer memory	32 MB	Weight & dimensions	
Security		Width	220 mm
DHCP features	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Depth	400 mm
Access Control List (ACL)	✓	Height	43.2 mm
Access Control List (ACL) egress	1023	Weight	4.3 kg
Access Control List (ACL) ingress	511	Packaging content	
IGMP snooping	✓	Cables included	AC, USB Type-C
IGMP proxy	✓	Quick start guide	✓
MAC address filtering	✓	Rack mount kit	✓
Static port security	✓	Packaging data	
Loop protection	✓	Included power plug types	EU, UK, NA
BPDU filtering/protection	✓	Sustainability	
Authentication	Guest VLAN, MAC-based authentication	Sustainability compliance	✓
Root protection	✓	Certificates	
Password protection	✓	Compliance certificates	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
DoS attack prevention	✓		



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