

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

Brand : NETGEAR

Product code: XSM4324-100NES

Product name : M4350-12X12F



- 12 10G/Multi-Gig ports, and 12 10GBASE-X SFP+ ports
- 240W internal power supply
- Half-width form factor enables one or two switches in a single rack space for redundant top-of-rack
- Virtual Chassis stacking provides non-stop forwarding (NSF) and hitless failover
- Layer 3 feature set includes static, policy-based, and dynamic routing
- NETGEAR IGMP Plus™, AV User Interface, and Engage Controller speed up AV installations

12 x 10G/Multi-Gig, 12 x 10G SFP+, 220 x 400 x 43.2 mm, 4.3 kg
 NETGEAR M4350-12X12F. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 12. Full duplex. MAC address table: 16000 entries, Switching capacity: 480 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Power connector: AC-in jack. Rack mounting, Form factor: 1U

Management features		Security	
Switch type *	Managed	DoS attack prevention	✓
Switch layer	L3	Authentication type	RADIUS, TACACS+
Quality of Service (QoS) support	✓	Queue scheduling algorithms	Strict Priority Queue (SPQ), Weighted random early detection (WRED)
Web-based management	✓		
ARP inspection	✓		
Ports & interfaces		Multicast features	
Basic switching RJ-45 Ethernet ports quantity *	12	Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Multicast Listener Discovery (MLD) snooping	✓
10G Ethernet (copper) ports quantity	12	Protocols	
SFP+ module slots quantity	12	Management protocols	SNMP V1, V2, V3
Power connector	AC-in jack	GARP VLAN Registration Protocol (GVRP)	✓
Network		Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
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	Design	
10G support *	✓	Rack mounting *	✓
Full duplex	✓	Stackable *	✓
Policy-based routing	✓	Form factor	1U
Flow control support	✓	Product colour	Black
Link aggregation	✓	LED indicators	✓
Broadcast storm control	✓	Airflow direction	Front-to-back airflow
Rate limiting	✓	Performance	
Spanning tree protocol	✓	Built-in processor	✓
6to4 tunnel	✓	Processor model	ARM Cortex-A57
IPv4 routes	512	Processor frequency	1800 MHz
IPv6 routes	256	Memory type	DDR4-SDRAM
VLAN support	✓	Internal memory	2048 MB
Virtual LAN features	MAC address-based VLAN, Private VLAN, Voice VLAN	Flash memory	512 MB
Number of VLANs	4093	sFlow	✓
Data transmission		Technical details	
Switching capacity *	480 Gbit/s	Compliance certificates	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
Throughput	357.12 Mpps	Power	
MAC address table *	16000 entries	Power source *	AC
		Power supply included *	✓

Data transmission		Power	
Store-and-forward	✓	Power consumption (typical)	95.8 W
Latency (1 Gbps)	2.14 µs	Power over Ethernet (PoE)	
Latency (10 Gbps)	2.29 µs	Power over Ethernet (PoE) *	✗
Jumbo frames support	✓	Operational conditions	
Jumbo frames	12000	Operating temperature (T-T)	0 - 50 °C
Packet buffer memory	32 MB	Storage temperature (T-T)	-20 - 70 °C
Security		Operating relative humidity (H-H)	0 - 90%
DHCP features	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping	Storage relative humidity (H-H)	0 - 95%
Access Control List (ACL)	✓	Operating altitude	0 - 3000 m
Access Control List (ACL) egress	1023	Non-operating altitude	0 - 3000 m
Access Control List (ACL) ingress	511	Weight & dimensions	
IGMP snooping	✓	Width	220 mm
IGMP proxy	✓	Depth	400 mm
MAC address filtering	✓	Height	43.2 mm
Static port security	✓	Weight	4.3 kg
Loop protection	✓	Packaging data	
BPDU filtering/protection	✓	Cables included	AC, USB Type-C
Authentication	Guest VLAN, MAC-based authentication	Quick start guide	✓
Root protection	✓	Rack mount kit	✓
Password protection	✓	Included power plug types	EU, UK, NA
		Sustainability	
		Sustainability compliance	✓
		Other features	
		Power supply	240 W



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