

NETGEAR M4500-48XF8C MGD SWCH Managed L2/L3/L4 1U Black



Brand : NETGEAR

Product code: XSM4556-100NAS

Product name : M4500-48XF8C MGD SWCH

- The M4500-48XF8C switch provides 48-port SFP28 (1G, 10G and 25G fiber) and 8-port QSFP28 (40G, 50G and 100G fiber)
 - With 4Tbps non-blocking fabric and 2Bpps forwarding rate, M4500-48XF8C delivers L2/L3/L4 and IPv4/IPv6 rich services for Professional AV-over-IP installations (SDVoE-ready certified)
 - Two modular power supplies are pre-installed for 1+1 power redundancy
 - Six modular fan trays are pre-installed for 4+2 fan redundancy
 - Line-rate spine and leaf topologies with the M4500-32C (32-port QSFP28 100G)
 - Layer 3 feature set includes static and dynamic routing with VRRP, OSPF, BGP, VRF-Lite and PIM
 - Enhanced IGMP+ implementation for plug & play multicast at Layer 2 between M4300/M4500 switches
 - Lifetime hardware warranty, Lifetime NBD and Lifetime online technical chat for investment protection and post-sales support
- M4500-48XF8C, 48 ports 1x25G; 1x10G; 1x1G, 1x10G default mode, RJ45 RS232 (Front), USB

Management features		Security	
Switch type *	Managed	SSH/SSL support	✓
Switch layer	L2/L3/L4	BPDU filtering/protection	✓
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
ARP inspection	✓	Protocols	
System event log	✓	Management protocols	Web GUI, HTTPs, CLI, Telnet, SSH, SNMP, MIBs RSPAN, Radius Users, TACACS+
Ports & interfaces		Design	
Fiber optic connector	QSFP+	Rack mounting *	✓
Console port	RJ-45	Form factor	1U
QSFP28 ports quantity	8	Product colour	Black
SFP28 ports quantity	48	Housing material	Metal
USB 2.0 ports quantity	1	Reset button	✓
Power connector	DC-in jack	LED indicators	✓
Network		Performance	
Networking standards *	IEEE 802.1AX, IEEE 802.3ad	Built-in processor	✓
10G support *	✓	Internal memory	8000 MB
Port mirroring	✓	Flash memory	256 MB
Flow control support	✓	Noise level	64 dB
Link aggregation	✓	Power	
Rate limiting	✓	Power source *	AC
Auto MDI/MDI-X	✓	Power consumption (max)	426 W
Spanning tree protocol	✓	Power over Ethernet (PoE)	
Auto-sensing	✓	Power over Ethernet (PoE) *	✗
Auto-negotiation	✓	Weight & dimensions	
VLAN support	✓	Weight	9.73 kg
Virtual LAN features	Private VLAN, Tagged VLAN, Voice VLAN	Packaging content	
Number of VLANs	4000	User guide	✓
Data transmission		Manual	✓
Switching capacity *	4000 Gbit/s	Packaging data	
MAC address table *	32000 entries	Package type	Box
Security		Package width	593 mm
DHCP features	DHCP client, DHCP relay, DHCP server	Package depth	888 mm
Access Control List (ACL)	✓		

Security		Packaging data	
IGMP snooping	✓	Package height	186 mm
Security algorithms	HTTPS, SNMP, SSH	Package weight	20.9 kg
Certificates			
Certification		CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024	



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