

NETGEAR M4500-32C Managed L2/L3/L4 1U Black



Brand : NETGEAR

Product code: CSM4532-100NAS

Product name : M4500-32C

- The M4500-32C switch provides 32-port QSFP28 (40G, 50G and 100G fiber)
 - With 6.4Tbps non-blocking fabric and 2Bpps forwarding rate, M4500-32C 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 M4500-48XF8C (32-port SFP28 and 8-port QSFP28)
 - 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
- M4500-32C 32 ports 1x100G; 1x50G; 1x40G; 4x25G; 4x10G, RJ45 RS232, USB

Management features		Security	
Switch type *	Managed	Security algorithms	HTTPS, SNMP, SSH
Switch layer	L2/L3/L4	SSH/SSL support	✓
Quality of Service (QoS) support	✓	BPDU filtering/protection	✓
Web-based management	✓	Multicast features	
ARP inspection	✓	Multicast support	✓
System event log	✓	Protocols	
Ports & interfaces		Management protocols	Web GUI, HTTPs, CLI, Telnet, SSH, SNMP, MIBs RSPAN, Radius Users, TACACS+
Fiber optic connector	QSFP+	Design	
Console port	RJ-45	Rack mounting *	✓
QSFP28 ports quantity	32	Form factor	1U
USB 2.0 ports quantity	1	Product colour	Black
Power connector	DC-in jack	Housing material	Metal
Network		Reset button	✓
Networking standards *	IEEE 802.1AX, IEEE 802.3ad	LED indicators	✓
10G support *	✓	Electromagnetic compatibility	CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024
Port mirroring	✓	Performance	
Flow control support	✓	Built-in processor	✓
Link aggregation	✓	Memory type	DDR3-SDRAM
Rate limiting	✓	Internal memory	8000 MB
Auto MDI/MDI-X	✓	Flash memory	256 MB
Spanning tree protocol	✓	Noise level	64 dB
Auto-sensing	✓	Power	
Auto-negotiation	✓	Power consumption (max)	426 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	Private VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE) *	✗
Number of VLANs	4000	Weight & dimensions	
Optical fiber		Weight	9.78 kg
Fiber ethernet cabling technology	100BASE-X	Packaging content	
Data transmission		User guide	✓
Switching capacity *	6400 Gbit/s	Manual	✓
MAC address table *	32000 entries	Packaging data	
Security		Package type	Box
DHCP features	DHCP client, DHCP relay, DHCP server	Package width	593 mm
Access Control List (ACL)	✓		
IGMP snooping	✓		

Packaging data

Package depth	888 mm
Package height	186 mm
Package weight	20.5 kg



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