

NETGEAR MS510TXUP network switch Managed L2/L3/L4 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) Grey, Blue

Brand : NETGEAR

Product code: MS510TXUP

Product name : MS510TXUP



8-Port Multi-Gigabit/10G Ethernet Ultra60 PoE++ Smart Managed Pro Switch with 2 SFP+ Ports
NETGEAR MS510TXUP. Switch type: Managed, Switch layer: L2/L3/L4. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 8. Full duplex. MAC address table: 32000 entries, Switching capacity: 140 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3x. Power over Ethernet (PoE). Rack mounting



Management features		Security	
Switch type *	Managed	Security algorithms	HTTPS, SSL/TLS
Switch layer	L2/L3/L4	Loop protection	✓
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
Cloud-managed	✓	Protocols	
Ports & interfaces		Management protocols	SNMP v1/v2c,SNMP v3
Basic switching RJ-45 Ethernet ports quantity *	8	Design	
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Rack mounting *	✓
SFP+ module slots quantity	2	Product colour	Grey, Blue
Network		LED indicators	Activity, Power, Speed
Networking standards *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3x	Performance	
10G support *	✓	Built-in processor	✓
Copper ethernet cabling technology	1000BASE-T	Processor frequency	1000 MHz
Port mirroring	✓	Internal memory	256 MB
Full duplex	✓	Flash memory	64 MB
Flow control support	✓	Power	
Link aggregation	✓	Power supply included *	✓
Broadcast storm control	✓	Power over Ethernet (PoE)	
Spanning tree protocol	✓	Power over Ethernet (PoE) *	✓
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s	Power over Ethernet (PoE) ports quantity	8
VLAN support	✓	Power over Ethernet (PoE) power per port	60 W
Number of VLANs	256	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 50 °C
Switching capacity *	140 Gbit/s	Storage temperature (T-T)	-20 - 70 °C
MAC address table *	32000 entries	Operating relative humidity (H-H)	0 - 95%
Jumbo frames support	✓	Storage relative humidity (H-H)	0 - 95%
Jumbo frames	10000	Operating altitude	0 - 3000 m

Security		Operational conditions	
DHCP features	DHCP client, DHCP server	Non-operating altitude	0 - 3000 m
Access Control List (ACL)	✓	Weight & dimensions	
Access Control List (ACL) ingress	100	Width	330 mm
IGMP snooping	✓	Depth	206 mm
		Height	43 mm
		Logistics data	
		Harmonized System (HS) code	85176990



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