

NETGEAR MS510TXM network switch Managed L2/L3/L4 10G Ethernet (100/1000/10000) Grey, Blue

Brand : NETGEAR

Product code: MS510TXM

Product name : MS510TXM



8-Port Multi-Gigabit/10G Ethernet Smart Managed Pro Switch with 2 SFP+ Ports

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The NETGEAR® MS510TXM 8-Port Multi-Gigabit/10G Smart Managed Pro Switch offers 4 ports 1G/2.5G and 4 ports multi-Gig/10G with 2 dedicated 10 Gigabit fiber ports for WiFi 6 AP connectivity, IP surveillance and mobility. It is the ideal companion to the NETGEAR WAX610PA WiFi 6 Access Point that features a 2.5G Ethernet port and a power adapter.



MS510TXM provides four auto-adapt multispeed Gigabit RJ-45 ports that support 2.5G, and 1G; another four multi-speed Gigabit RJ-45 ports that support 10G, 5G, 2.5G and 1G, and two dedicated SFP+ fiber uplink port that supports 10G and 1G. Each of the 5 Multi-Gig Ethernet ports automatically detects which speed is needed by the connected device and provides the adequate connection speed.

Management features		Security	
Switch type *	Managed	Access Control List (ACL) ingress	100
Switch layer	L2/L3/L4	IGMP snooping	✓
Quality of Service (QoS) support	✓	Security algorithms	HTTPS, SSL/TLS
Web-based management	✓	Loop protection	✓
Cloud-managed	✓	Multicast features	
Ports & interfaces		Multicast support	✓
Basic switching RJ-45 Ethernet ports quantity *	8	Protocols	
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Management protocols	SNMP v1/v2c,SNMP v3
SFP+ module slots quantity	2	Design	
Network		Rack mounting *	✓
Networking standards *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3x	Product colour	Grey, Blue
10G support *	✓	LED indicators	Activity, Power, Speed
Copper ethernet cabling technology	1000BASE-T	Performance	
Port mirroring	✓	Built-in processor	✓
Full duplex	✓	Processor frequency	1000 MHz
Flow control support	✓	Internal memory	256 MB
Link aggregation	✓	Flash memory	64 MB
Broadcast storm control	✓	Power	
Spanning tree protocol	✓	Power supply included *	✓
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s	Power over Ethernet (PoE)	
VLAN support	✓	Power over Ethernet (PoE) *	✗
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
		Non-operating altitude	0 - 3000 m

Security		Weight & dimensions	
DHCP features	DHCP client, DHCP server	Width	330 mm
Access Control List (ACL)	✓	Depth	206 mm
		Height	43 mm



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