

NETGEAR 10-Port Multi-Gigabit/10G Ethernet Smart Switch (MS510TXM)

Brand : NETGEAR

Product code: MS510TXM-100NAS



Product name : 10-Port Multi-Gigabit/10G Ethernet Smart Switch (MS510TXM)

Managed, L2+, 4x 1G/2.5G, 4x 1G/2.5G/5G/10G, 2x SFP+

[NETGEAR 10-Port Multi-Gigabit/10G Ethernet Smart Switch \(MS510TXM\):](#)

NETGEAR Smart Managed Pro Switches with Optional Remote/Cloud Management

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. MS510TXM can be managed remotely by NETGEAR Insight and includes 1-year of Insight Premium or Pro subscription with purchase.



- Multi-speed Ethernet ports for flexible and auto-adaptive wired connectivity of multi-Gigabit devices.
- 2-port 10G SFP+ Fiber uplinks (1G/10GBASE-X fiber SFP+).
- Quiet desktop operation or rack mounting.
- Layer 3 static routing with 32 routes (IPv4 and IPv6).
- Easy-to-use Web browser-based management GUI.
- NETGEAR Insight Cloud management activation (1-Year Insight subscription is included).
- Energy Efficient Ethernet (IEEE 802.3az) for maximum power savings.

Management features		Design	
Switch type *	Managed	Product colour	Grey
Switch layer	L2+	LED indicators	Activity, Fan fail, Link, Power, Speed
Quality of Service (QoS) support	✓	Number of fans	2 fan(s)
Web-based management	✓	Certification	CE mark, commercial, FCC Part 15 class B, CE/EN55032/24, VCCI, ACMA, CSA safety, KC, BSMI
Cloud-managed	✓		
System event log	✓		
Ports & interfaces		Performance	
Basic switching RJ-45 Ethernet ports quantity *	8	Built-in processor	✓
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Processor frequency	1000 MHz
SFP+ module slots quantity	2	Internal memory	256 MB
Network	IEEE 802.1D, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3az, IEEE 802.3x	Flash memory	64 MB
		Noise level	25 dB
		Firmware upgradeable	✓
Networking standards *		Mean time between failures (MTBF)	1059519 h
10G support *	✓	Power	
Port mirroring	✓	Power supply included *	✓
Broadcast storm control	✓	Power consumption (max)	47 W
VLAN support	✓	Operational conditions	
Number of VLANs	256	Operating temperature (T-T)	0 - 50 °C
Data transmission	Switching capacity * 140 Gbit/s MAC address table * 32000 entries Number of queues 8 Jumbo frames support ✓ Jumbo frames 10000 Packet buffer memory 2 MB	Storage temperature (T-T)	-20 - 70 °C
		Operating relative humidity (H-H)	0 - 95%
		Storage relative humidity (H-H)	0 - 95%
Security	DHCP features DHCPv6 snooping Access Control List (ACL) ✓ IGMP snooping ✓	Operating altitude	0 - 3000 m
		Non-operating altitude	0 - 3000 m
		Heat dissipation	160.458 BTU/h
		Weight & dimensions	
		Width	330 mm
		Depth	206 mm
		Height	43 mm
		Weight	2.08 kg
		Packaging data	
		Cables included	AC

Security		Packaging data	
Password protection	✓	Quick start guide	✓
Queue scheduling algorithms	WRR+SP	Rack rails	✓
Multicast features		User guide	✓
Multicast support	✓	Manual	✓
Design			
Rack mounting *	✓		



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