## NETGEAR 10-Port PoE Multi-Gigabit/10G Ethernet Smart Switch (MS510TXUP)

Brand : NETGEAR

Product code: MS510TXUP-100NAS



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**Product name :** 10-Port PoE Multi-Gigabit/10G Ethernet Smart Switch (MS510TXUP)

- Provides 4 ports 1G/2.5G and 4 ports multi-gig/10G with 2 dedicated 10 Gigabit fiber ports for WiFi 6
Access Point connectivity, IP surveillance and mobility

- Versatile PoE support with PoE+ and Ultra60 PoE++ for today's and tomorrow's PoE needs

- Easy-to-use web browser-based management GUI with configurable L2/L2+ network features like VLANs and QoS  $\,$ 

- 10G speed on regular ports and uplink connectivity to core network

- Includes 1-year of Insight Premium or Pro subscription

- Managed by NETGEAR Insight - ideal with other NETGEAR Insight managed devices

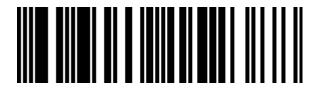
- Provides an industry-leading Limited Lifetime warranty at no extra cost with product registration

Managed, L2+, 4x 1G/2.5G, 4x 1G/2.5G/5G/10G, 2x SFP+, 8 PoE++

Management features		Design	
Switch type * Switch layer Quality of Sonvice (QoS) support	Managed L2+	LED indicators Number of fans	Activity, Fan fail, Link, PoE, Power, Speed 3 fan(s)
Quality of Service (QoS) support Web-based management Cloud-managed	4	Certification	CE mark, commercial, FCC Part 15 class B, CE/EN55032/24, VCCI, ACMA, CSA safety, KC, BSMI
System event log	4	Performance	
Ports & interfaces		Built-in processor	1
Basic switching RJ-45 Ethernet ports quantity * Basic switching RJ-45 Ethernet ports type *	8	Processor frequency Internal memory Flash memory	1000 MHz 256 MB 64 MB
SFP+ module slots quantity	2	Noise level	33 dB
Network		Firmware upgradeable Mean time between failures (MTBF)	✓ 1059519 h
	IEEE 802.1D, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w,	Power	
Networking standards *	IEEE 802.1x, IEEE 802.3ad, IEEE 802.3az, IEEE 802.3x	Power supply included * Power consumption (max)	✓ 380 W
10G support * Port mirroring		Power over Ethernet (PoE)	
Broadcast storm control VLAN support Number of VLANs	✓ ✓ 256	Power over Ethernet (PoE) * Total Power over Ethernet (PoE) budget	✔ 295 W
Data transmission		Operational conditions	
Switching capacity * MAC address table * Number of queues Jumbo frames support Jumbo frames Packet buffer memory	140 Gbit/s 32000 entries 8 ✓ 10000 2 MB	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude Heat dissipation	0 - 50 °C -20 - 70 °C 0 - 95% 0 - 95% 0 - 3000 m 0 - 3000 m 1294.5888 BTU/h
Security		Weight & dimensions	
DHCP features Access Control List (ACL) IGMP snooping Password protection Queue scheduling algorithms	DHCPv6 snooping ✓ ✓ WRR+SP	Width Depth Height Weight	320 mm 206 mm 43 mm 2.51 kg
Multicast features		Packaging data	
Multicast support Number of multicast groups filtered	<b>√</b> 256	Cables included Quick start guide	AC ✔

Publication date: 25-JAN-2024. Prints or copies of Information are only valid on the printed Publication date

Design		Packaging data	
Rack mounting *	1	Rack rails	√
Product colour	Grey	User guide	<b>√</b>
		Manual	1





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