



DESCRIPTION

NETGEAR Smart Managed Pro Switches with Optional Remote/Cloud Management

The NETGEAR® MS510TXUP 8-Port Ultra60 PoE++ Multi-Gigabit Smart Managed Pro Switch offers 295W PoE budget, 4 ports 1G/2.5G and 4 ports multi-gig/10G and 2 dedicated 10 Gigabit fiber ports for WiFi 6 AP connectivity, IP surveillance and mobility. MS510TXUP 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+).
- 295W future-proof PoE budget available across 8 Ultra60 PoE++ ports (802.3bt 60W/port).
- Layer 3 static routing with 32 routes (IPv4 and IPv6).
- Uninterrupted PoE and advanced per port PoE controls.
- NETGEAR Insight Cloud management activation (1-Year Insight subscription is included).
- Energy Efficient Ethernet (IEEE 802.3az) for maximum power savings.

TECHNICAL CHARACTERISTICS

Brand : NETGEAR

Part number : MS510TXUP-100EUS

10G support : Y

Access Control List (ACL) : Y

Basic switching RJ-45 Ethernet ports quantity : 8

Basic switching RJ-45 Ethernet ports type : 10G Ethernet (100/1000/10000)

Broadcast storm control : Y

Built-in processor : Y

Cables included : AC

Cloud-managed : Y

Depth : 206 mm

DHCP features : DHCPv6 snooping

Firmware upgradeable : Y

Flash memory : 64 MB

Harmonized System (HS) code : 85176990

Heat dissipation : 1294.5888 BTU/h
Height : 43 mm
IGMP snooping : Y
Internal memory : 256 MB
Jumbo frames : 10000
Jumbo frames support : Y
LED indicators : Activity, Fan fail, Link, PoE, Power, Speed
MAC address table : 32000 entries
Mean time between failures (MTBF) : 1059519 h
Multicast support : Y
Networking standards : 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
Noise level : 33 dB
Non-operating altitude : 0 - 3000 m
Number of fans : 3 fan(s)
Number of multicast groups filtered : 256
Number of queues : 8
Number of VLANs : 256
Operating altitude : 0 - 3000 m
Operating relative humidity (H-H) : 0 - 95%
Operating temperature (T-T) : 0 - 50 °C
Packet buffer memory : 2 MB
Password protection : Y
Port mirroring : Y
Power consumption (max) : 380 W
Power over Ethernet (PoE) : Y
Power over Ethernet plus (PoE+) ports quantity : 8
Power supply included : Y
Processor frequency : 1000 MHz
Product colour : Grey
Quality of Service (QoS) support : Y
Queue scheduling algorithms : WRR+SP
Rack mounting : Y
Rack rails : Y
SFP+ module slots quantity : 2
Storage relative humidity (H-H) : 0 - 95%
Storage temperature (T-T) : -20 - 70 °C
Switch layer : L2+
Switch type : Managed
Switching capacity : 140 Gbit/s
System event log : Y
Total Power over Ethernet (PoE) budget : 295 W
User guide : Y
VLAN support : Y
Web-based management : Y
Weight : 2.51 kg
Width : 330 mm