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# NETGEAR 8-Port Multi-Gigabit/10G Ethernet Smart Switch with 2 SFP+ Ports (MS510TXM) Hallittu L2+ 10G Ethernet (100/1000/10000) Harmaa

**Tuotemerkki :** NETGEAR

**Tuotekoodi:** MS510TXM-100EUS

**Tuotteen nimi :** 8-Port Multi-Gigabit/10G Ethernet Smart Switch with 2 SFP+ Ports (MS510TXM)

NETGEAR 8-Port Multi-Gigabit/10G Ethernet Smart Switch with 2 SFP+ Ports (MS510TXM). Kytkin tyyppi: Hallittu, Kytkinkerros: L2+. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 10G Ethernet (100/1000/10000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 8. MAC-osoitetaulukko: 32000 entries, Kytkentäkapasiteetti: 140 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Telineasennus

| Management features | |
|---|---|
| Switch type * | Managed |
| Switch layer | L2+ |
| Quality of Service (QoS) support | ✔ |
| Web-based management | ✔ |
| Cloud-managed | ✔ |
| System event log | ✔ |

| Ports & interfaces | |
|---|---|
| Basic switching RJ-45 Ethernet ports quantity * | 8 |
| Basic switching RJ-45 Ethernet ports type * | 10G Ethernet (100/1000/10000) |
| SFP+ module slots quantity | 2 |

| Network | |
|---|---|
| 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 |
| 10G support * | ✔ |
| Port mirroring | ✔ |
| Broadcast storm control | ✔ |
| VLAN support | ✔ |
| Number of VLANs | 256 |

| 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 |

| Security | |
|---|---|
| DHCP features | DHCPv6 snooping |
| Access Control List (ACL) | ✔ |
| IGMP snooping | ✔ |

| Design | |
|---|---|
| Product colour | Grey |
| LED indicators | Activity, Fan fail, Link, Power, Speed |
| Number of fans | 2 fan(s) |

| Performance | |
|---|---|
| Built-in processor | ✔ |
| Processor frequency | 1000 MHz |
| Internal memory | 256 MB |
| Flash memory | 64 MB |
| Noise level | 25 dB |
| Firmware upgradeable | ✔ |
| Mean time between failures (MTBF) | 1059519 h |

| Power | |
|---|---|
| Power source * | AC |
| Power supply included * | ✔ |
| Power consumption (max) | 47 W |

| Power over Ethernet (PoE) | |
|---|---|
| Power over Ethernet (PoE) * | ✘ |

| Operational conditions | |
|---|---|
| Operating temperature (T-T) | 0 - 50 °C |
| Storage temperature (T-T) | -20 - 70 °C |
| Operating relative humidity (H-H) | 0 - 95% |
| Storage relative humidity (H-H) | 0 - 95% |
| 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 content | |
|---|---|
| Cables included | AC |

| Security | |
|---|---|
| Password protection | ✔ |
| Queue scheduling algorithms | WRR+SP |

| Multicast features | |
|---|---|
| Multicast support | ✔ |
| Number of multicast groups filtered | 256 |

| Design | |
|---|---|
| Rack mounting * | ✔ |

| Packaging content | |
|---|---|
| User guide | ✔ |

| Packaging data | |
|---|---|
| Rack rails | ✔ |

| Logistics data | |
|---|---|
| Harmonized System (HS) code | 85176990 |

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