QNAP QSW-M5216-1T network switch Managed L2 Black

Gamintojas: **QNAP** · Modelis: **QSW-M5216-1T** · EAN: **4713213519134** · Prekės kodas: **1001529**



1 951,90 €

Kaina su PVM

Be PVM: **1 613,14 €**

Sandėlyje

Prekė internetu
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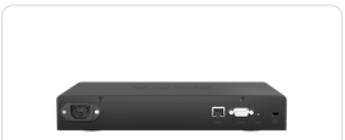
Pagrindinės savybės

- ✓ 25GbE Fiber: The QSW-M5216-1T has sixteen 25GbE SFP28 fiber ports and a backbone switching capacity of 820Gbps for uplinking server rooms
- ✓ 10GbE connectivity: The QSW-M5216-1T is equipped with one 10GbE NBASE-T port for hybrid high-speed network deployment
- ✓ User-friendly management interface: Featuring a user-friendly web UI, the QNAP Switch System (QSS) provides an overview dashboard, port management and setting guide, making central network management intuitive and easy
- ✓ Layer 2 network: The QSW-M5216-1T provides Layer 2 management features (such as LACP, VLAN, ACL and LLDP) for efficiently controlling network bandwidth and enhance security
- ✓ RSTP protocol: The QSW-M5216-1T supports Rapid Spanning Tree Protocol (RSTP). You can easily and efficiently deploy small/medium-scale networks that support expansion, redundancy, and loop prevention
- ✓ Flow Control: Compliant with IEEE802.3x Flow Control in full-duplex mode, the QSW-M5216-1T avoids packet loss from unparalleled bandwidth







Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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Aprašymas

The QSW-M5216-1T is a 16-Port 25GbE SFP28 fiber Managed Switch with one 10GbE NBASE-T port. Supporting Layer 2 switching and network management via a user-friendly web user interface, the QSW-M5216-1T provides an entry-level network management solution that is usable even by non-IT professionals. Offering ultra-high 25GbE speeds and a backbone switching capacity of 820Gbps, the QSW-M5216-1T can serve as the core switch uplinking to 25G Servers and NAS in server rooms or connecting to 25G/10G switches to accelerate high-speed storage, video editing, virtualization, and AI applications. The QSW-M5216-1T provides flexible network interfaces for high compatibility at an affordable price, enabling small businesses to quickly upgrade to an ultra-high-speed backbone network by integrating to existing network infrastructure.

Upgrade to ultra-high-speed 25GbE with ease!

While 10GbE is a solid base for high-speed network transmission, the ultra-high-speed 25GbE provides comparative cost advantages and compatibility in SMB server rooms to satisfy data computing applications.

High switching capacity of 820Gbps for backbone networks

The QSW-M5216-1T has sixteen 25GbE SFP28 fiber ports and offers backbone switching capacity of 820Gbps, guaranteeing the full potential of each port. The QSW-M5216-1T can serve as the core switch uplinking to 25G/100G Servers and NAS in server rooms or connecting to 25G/10G edge fiber switches.

Flexible deployment with multiple 25GbE and 10GbE ports

Along with sixteen 25GbE SFP28 fiber ports, the QSW-M5216-1T is has one 10GBASE-T port for enabling hybrid high-speed networks. Its 25GbE SFP28 interfaces are backward compatible with 10GbE SFP+/1GbE SFP; and 10GbE RJ45 is compatible with NBASE-T technologies to support five speeds (10G / 5G / 2.5G / 1G / 100M).

Pair with a NAS and 100GbE network expansion card for high-performance, low-latency computing
By using QSFP28 to (4) SFP28 cables, you can easily connect the four 25GbE ports on the QSW-M5216-1T to a NAS with a QXG-100G2SF-E810 dual-port 100GbE network expansion card. You can also use two QSFP28 to (4) SFP28 cables to connect the 100GbE port on the QXG-100G2SF-E810 to four 25GbE ports on the switch. Set a group of QSFP28 to (4) SFP28 connection as the main route and the other as a backup route.

QSS: Intuitive Network Management Software

The QNAP Switch System (QSS) features an easy-to-use Web GUI with value-added functions to simplify network set up and management.

QSS: Human-centered settings guide

QSS provides an overview dashboard, port management and setting guide to help control Layer 2 networks.

Optimize Network Performance with bandwidth and packet control

The QSW-M5216-1T provides bandwidth and packet control functions (such as LACP, VLAN, QoS, and IGMP Snooping) to boost network performance through IP grouping and bandwidth management.

Powerful security and system functions

The QSW-M5216-1T has powerful security and system functions (including ACL, LLDP, RSTP and Flow Control) to help enhance network reliability with access controls, troubleshooting, loop prevention and avoiding packet loss.

Near-silent and energy saving

With its smart cooling system, the QSW-M5216-1T ensures high-speed network performance without distracting background noise. IEEE 802.3az (EEE) support also reduces power consumption without sacrificing performance or functionality. By dynamically detecting and adjusting for link

speeds and activities, the QSW-M5216-1T provides energy savings of up to 50% to minimize operational costs.

Techninė specifikacija

Management features	
Switch type	Managed
Switch layer	L2
Quality of Service (QoS) support	Yes
Web-based management	Yes
System event log	Yes
Ports & interfaces	
Installed SFP modules quantity	0
Installed SFP+ modules quantity	0
Fiber ports quantity	16
Fiber optic connector	SFP28
Console port	RJ-45
SFP28 ports quantity	16
Network	
Networking standards	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3an, IEEE 802.3az, IEEE 802.3by, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support	Yes
Port mirroring	Yes
Auto-negotiation	Yes
VLAN support	Yes
Data transmission	
MAC address table	32000 entries
Switching capacity	820 Gbit/s
Throughput	410 Gbit/s
Static route	Yes
Jumbo frames support	Yes
Jumbo frames	9000
Security	
DHCP features	DHCP server
Access Control List (ACL)	Yes
IGMP snooping	Yes

Loop protection	Yes
Design	
Rack mounting	Yes
Stackable	No
Product colour	Black
Reset button	Yes
LED indicators	Activity, Link, Power, Speed, Status
Electromagnetic compatibility	CLASS A
Performance	
Firmware upgradeable	Yes
Power	
Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	80 W
Other features	
Warranty period	2 year(s)
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Weight & dimensions	
Width	285 mm
Depth	237.7 mm
Height	43.5 mm
Weight	2.15 kg
Packaging content	
Cables included	AC
Quick start guide	Yes
Rack mount kit	Yes
Packaging data	
Package type	Box
Package width	384 mm
Package depth	282 mm

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Package height	78 mm
Package weight	2.85 kg
Certificates	
Certification	CE, FCC, VCCI, BSMI
Logistics data	
Country of origin	Taiwan
Harmonized System (HS) code	85176990
Products per master (outer) case	5 pc(s)
Matmenys ir svoris	
Svoris	3,11kg

Dokumentai ir vaizdo įrašai

- Naudojimo instrukcija
- Gaminio lankstinukas
- Vaizdo įrašas youtube.com/watch?v=KesrUhaIur0

Gamintojo ir saugos informacija

GAMINTOJAS

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