



QNAP QSW-M2106-4S network switch Managed L2 2.5G Ethernet (100/1000/2500) White

Model: QSW-M2106-4S

Manufacturer: QNAP

EAN: 4711103082225

Product Code: 1058535

R12,262

10GbE and 2.5GbE Layer 2 Web Managed Switch for SMB Network Deployment

The QSW-M2106-4S is a Layer 2 Web Managed Switch with four 10GbE SFP+ fiber ports and six 2.5 Gigabit ports. Supporting Layer 2 switching and network management via a user-friendly web user interface, the QSW-M2106-4S offers flexible deployment in hybrid high-speed network environments and provides an entry-level network management solution that is usable even by non-IT professionals. With high performance, user-friendly management, and a desktop form factor, the QSW-M2106-4S enables cost-effective upgrading to 2.5GbE or 10GbE networking while optimizing bandwidth and ensuring secure network maintenance.

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Flexible deployment with multiple 10G SFP+ fiber and Gigabit ports

The QSW-M2106-4S provides four 10GbE SFP+ ports and six 2.5 Gigabit ports for connecting various devices and enabling hybrid high-speed networks. With SFP+ interfaces, Direct Attach Copper (DAC) cables can be used for connecting directly to SFP+ devices. You can also use RJ45 ports to connect 2.5GBASE-T/NBASE-T™ devices through RJ45 Category 5e (or better) cabling. The switching capacity of the QSW-M2106-4S is 110Gbps, guaranteeing the full potential of each port.

Fully embrace High-Speed Networking with QNAP!

QNAP offers comprehensive, budget-friendly storage and networking solutions that provide an array of connectivity possibilities. Easily and flexibly upgrade your workplace or home network now to handle bandwidth-hungry applications.

A switch that supports 2.5GbE/10GbE

QNAP 2.5GbE/10GbE switches support 2.5G/10G and allow connecting multiple workstations and devices for high-speed collaboration in device-dense environments.

A fast NAS

A QNAP NAS with multiple 2.5GbE ports and Port Trunking allows you to combine multiple ports for greater bandwidth potential.

Upgrade desktops and servers

Servers and desktops can install QNAP PCIe network cards that support 10G/5G/2.5G/1G/100M Multi-Gig.

Add a 5GbE/10GbE port to laptops

Laptops and upgrade-limited computers can use the portable QNAP USB 3.2 Gen 1 to 5GbE adapter or QNAP Thunderbolt 3 to 10GbE adapter, allowing you to connect to 5G/2.5G/1G/100M networks.

QSS: Human-centered settings guide

The QSW-M2106-4S adopts QNAP Switch System (QSS) featuring an easy-to-use Web GUI with Layer 2 management and value-added functions to simplify network set up and management.

Overview Dashboard

View real-time system information, port connection status and port traffic.

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Port Management

View port status, port packet statistics, and configure port speeds.

Setting Guide

Quickly learn how to set up the network using the introduction and step-by-step guide.

Exclusive Status Chart Referencing

Refer to four major status charts during each configuration to avoid going back and forth between different settings pages.

Online Firmware Check and Update

Keep your QNAP switch secure with one-click firmware updates.

Optimize Network Performance with bandwidth and packet control

The QSW-M2106-4S provides bandwidth and packet control functions (such as LACP, VLAN, QoS, and IGMP Snooping) to boost network performance through IP grouping and bandwidth management.

LACP

Link Aggregation (LAG) combines multiple network connections to increase throughput and protect against connection failure.

VLAN

Virtual Networks (VLAN) allows groups of devices from different networks to be combined into a single network.

QoS

QoS (Quality of Service) helps prioritize bandwidth usage to optimize network resource allocation.

IGMP Snooping

IGMP snooping assists in minimizing bandwidth loss and preventing network information leakage.

Powerful security and system functions

The QSW-M2106-4S has powerful security and system functions (including ACL, LLDP, RSTP and Flow Control) to help administrators enhance network reliability using access controls, troubleshooting,

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loop prevention and avoiding packet loss.

ACL

Access Control List filters packets based on rules to offer firewall-like security protection.

LLDP

Link Layer Discovery Protocol allows devices to advertise device information to their directly connected peers/neighbors, simplifying troubleshooting processes.

RSTP

Rapid Spanning Tree Protocol, RSTP ensures a loop-free topology for Ethernet networks by blocking or forwarding traffic.

Flow Control

Flow Control balances the traffic between a sender and a receiver to avoid network congestion.

Desktop form factor for easy use in offices

With a compact and modern design, the QSW-M2106-4S stands out with its textured surface design. The flexible DC power connector enables universal deployment of the QSW-M2106-4S and each port can be easily identified. Being fully plug-and-play, devices can be simply connected to the QSW-M2106-4S and immediately used.