QSW-M408S

Brand: QNAP
Product Code: QSW-M408S
Availability: 10
Weight: 1.15kg
Dimensions: 42.50mm x 290.00mm x 127.00mm
Call for Price:

Short Description

QNAP QSW-M408S 10GbE Managed Switch, with 4-Port 10G SFP+ and 8-Port Gigabit

Description

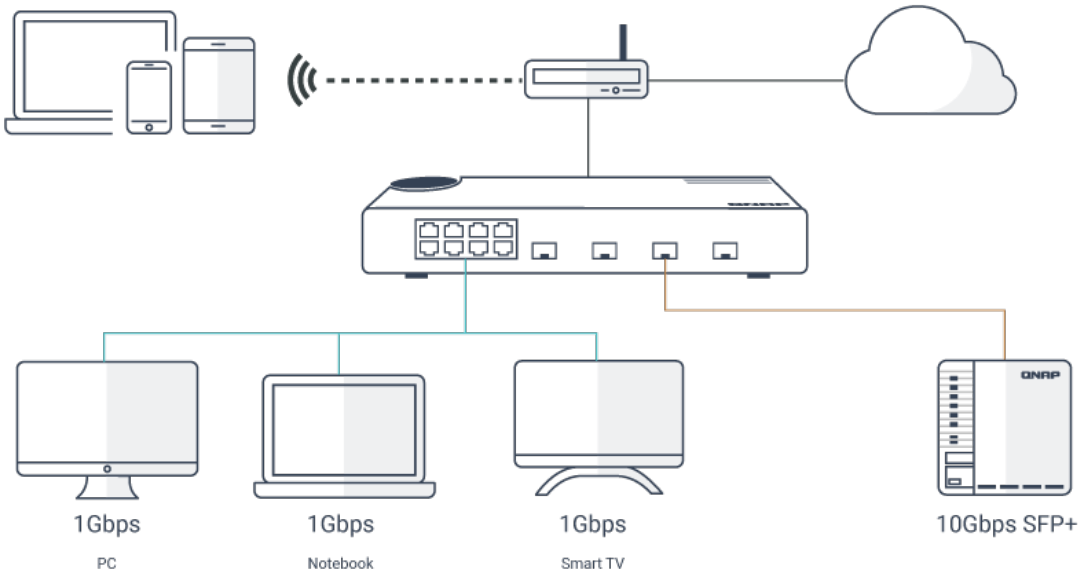
The QSW-M408S is a Layer 2 Web Managed Switch equipped with four 10GbE SFP+ ports and eight Gigabit ports. Supporting Layer 2 switching and network management via a user-friendly web user interface, the QSW-M408S offers flexible deployment in hybrid high-speed network environments and provides an entry-level network management solution that is usable even by non-IT professionals. With its high performance, user-friendly management features and desktop size, the QSW-M408S allows you to instantly upgrade to a hybrid high-speed network environment at a cost-effective price, while optimizing network bandwidth and ensuring network maintenance security. The QSW-M408S is made in Taiwan (MIT), providing a high-quality and reliable networking solution.

10GbE SFP+ connectivity

The QSW-M408S is equipped with four 10GbE SFP+ ports and eight Gigabit ports for connecting various devices.

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

The QSW-M408S provides four 10GbE SFP+ ports and eight 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 10G-SFP-T copper transceiver modules to connect 10GBASE-T/NBASE-T™ devices through RJ45 Category 6, 5 or 5e cabling. The switching capacity of QSW-M408S is 96Gbps, guaranteeing the full potential of each port.



Optimize Network Performance with bandwidth and packet control

The QSW-M408S provides bandwidth and packet control functions (such as LACP, VLAN, QoS, and IGMP Snooping) for boosting network performance through IP grouping and bandwidth management.

LACP
- Bandwidth allocation
- Bandwidth expansion

VLAN
- Communication Efficiency
- Flexible Segmentation

QoS
- Traffic control
- Prioritizing bandwidth

IGMP Snooping
- Status snooping
- Traffic reduction

Powerful security and system functions

The QSW-M408S has powerful security and system functions (including ACL, LLDP, RSTP and Flow Control) to help administrators enhance network reliability using access controls, troubleshooting, loop prevention and avoiding packet loss.

ACL
- Access controls
- Security system

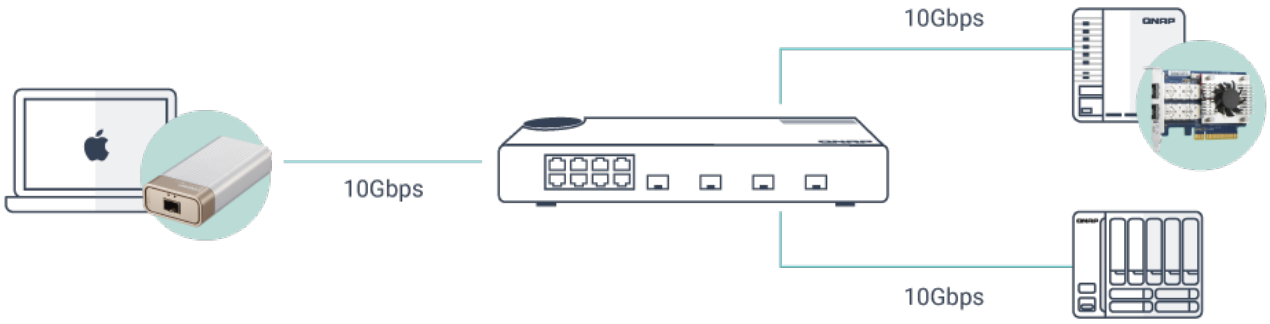
LLDP
- Device disclosure
- Troubleshooting

RSTP
- Loop prevention
- Backup path

Improve team productivity with a 5GbE/ 10GbE High-Speed

Network

From NAS with built-in 10GbE SFP+ and 10GBASE-T ports, or NAS with PCIe slots that support 10GbE/5GbE/2.5GbE network adapters, QNAP has led the industry in 10GbE adoption. Other high-speed network solutions from QNAP include Thunderbolt 3 to 10GbE Network Adapters and USB 3.2 Gen 1 to 5GbE Network Adapters. These can all be used with the QSW-M408S to create a comprehensive high-speed network environment for boosting the performance of photo/video editing, virtualization, large-file data transfers, and other bandwidth-demanding tasks.



Desktop size for easy use in offices

With a compact and modern design, the QSW-M408S fits perfectly alongside other devices in modern digital offices. Featuring a delicate white or textured surface design, the QSW-M408S helps users to easily identify each port. The flexible DC power connector also assists in universally deploying the QSW-M408S. Being fully plug-and-play, simply connect the QSW-M408S to your devices and it will do the rest.


QNAP

Software

Standards Compliance	1. IEEE 802.3 Ethernet 2. IEEE 802.3u 100BASE-T 3. IEEE 802.3ab 1000BASE-T 4. IEEE 802.3z 1000BASE-SX/LX 5. IEEE 802.3ae 10G Fiber 6. IEEE 802.3x Full-Duplex Flow Control 7. IEEE 802.1Q VLAN Tagging 8. IEEE 802.1w RSTP 9. IEEE 802.3ad LACP 10. IEEE 802.1AB LLDP 11. IEEE 802.1p Class of Service
Port Management	1. Port status 2. Port statistics 3. Port configuration 4. Jumbo frame support 5. IEEE 802.3x flow control 6. Auto-negotiation of speed and duplex modes
QoS	1. Port-based QoS 2. IEEE 802.1p CoS 3. IPv4 DSCP-based QoS 4. IPv4 ToS-based QoS
VLAN	1. VLAN configuration 2. IEEE 802.1Q-based VLAN
Layer 2 Features	1. Port trunking 2. LACP groups 3. IGMP snooping v1, v2
Security	Access Control Lists (ACL): ACL by IP address, ACL by MAC
Other Features	1. Link Layer Discovery Protocol (LLDP): LLDP remote device 2. Interface: Web UI

3. SNTP, DNS, DHCP client entry

RSTP IEEE802.1w Rapid Spanning Tree

Specification

Network Switches	
Management Type	Web Managed
Number of Ports	12
10GbE SFP+	4
Power Supply Description	Adapter
Max. Power Consumption	12.17 W
Input Power Type	AC
Input Voltage Range	100-240VAC, 50/60 Hz
MAC Address Table	16K
Total Non-Blocking Throughput	48Gbps
Switching Capacity	96Gbps
Management Interface	Web
Console	RJ45
Fan	PWM double ball bearing fan x 1
Form Factor	Desktop
Operating Temperature	0°C to 40°C (32°F to 104°F)
Jumbo Frames	9K
Electromagnetic Compliance	CLASS A
Certifications	CE, FCC, VCCI, BSMI
Relative Humidity	5~95% Non-condensing
LED Indicators	Per Port: Speed/Link/Activity Per System: Power/Status
Supported Standards	IEEE 802.3 Ethernet IEEE 802.3u 100BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-SX/LX IEEE 802.3ae 10G Fiber IEEE 802.3x Full-Duplex Flow Control IEEE 802.1Q VLAN Tagging IEEE 802.1w RSTP IEEE 802.3ad LACP IEEE 802.1AB LLDP IEEE 802.1p Class of Ser
1GbE (RJ45)	8
Buttons	Reset button

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