

# QSW-1208-8C QSW-804-4C

## 10GbE Unmanaged Switch Highlights

- QSW-1208-8C: Twelve 10GbE SFP+ ports with shared eight 10GBASE-T ports
- QSW-804-4C: Eight 10GbE SFP+ ports with shared four 10GBASE-T ports
- NBASE-T support for 5-speed auto negotiation (10G/5G/2.5G/1G/100M)
- Supports Energy-Efficient Ethernet (EEE)

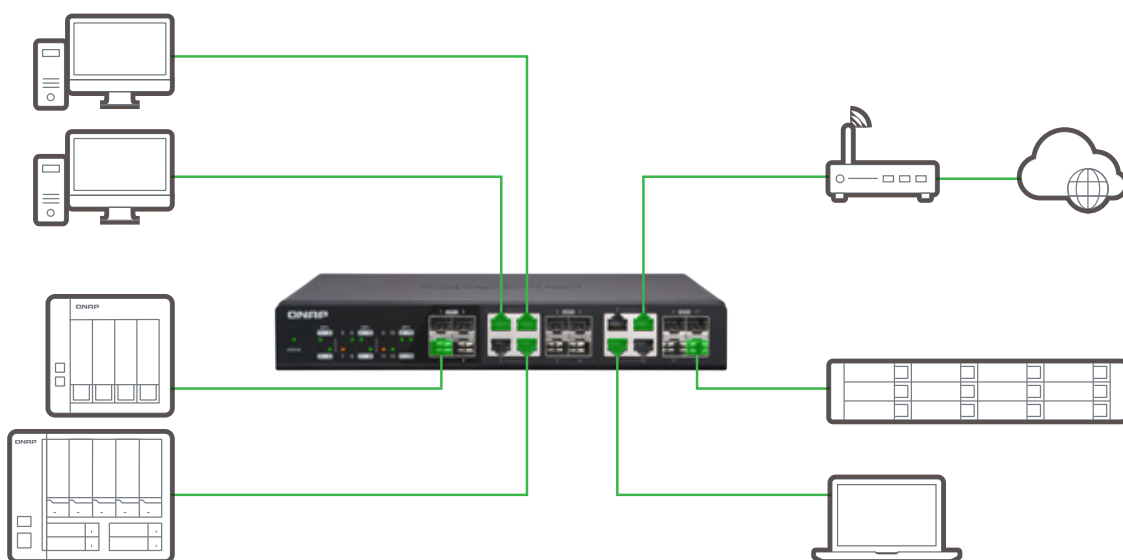
QSW-804-4C



QSW-1208-8C



## 10-Gigabit/Multi-Gigabit Ethernet Unmanaged Switches



The QNAP QSW-1208-8C/QSW-804-4C 10 GbE unmanaged switch allows you to instantly upgrade your network environment at a cost-effective price. The QSW-1208-8C/QSW-804-4C supports 10GBASE-T and NBASE-T standards, allowing you to take advantage of higher network speeds with your existing Cat 5e and 6a cables. Both SFP+ (fiber) and RJ45 (copper) ports are available for servicing a range of network needs. Compliant with IEEE 802.3az (Energy Efficient Ethernet, EEE) and 802.1p (Quality of Service, QoS), the QSW-1208-8C/QSW-804-4C is energy efficient and is capable of prioritizing network traffic. With high performance, low latency and superb functionality, the QSW-1208-8C/QSW-804-4C is the ideal choice for upgrading your home or business network to support 10GbE connections.

- With 10GBASE-T and NBASE-T support, existing cables can be used. Backwards compatibility with 100MbE is provided for legacy devices.
- With a combination of SFP+ (fiber) and RJ45 (copper) ports, most devices can take advantage of 10GbE connectivity provided by the QSW-1208-8C/QSW-804-4C.
- IEEE 802.3az (EEE) helps to reduce power consumption for low-speed and inactive connections.
- The QSW-1208-8C/QSW-804-4C features a stylish and sleek design while staying almost silent. You can place the switch virtually anywhere and it will fit into your decor perfectly.
- A Rackmount Kit for the QSW-1208-8C/QSW-804-4C is included in the package for SMBs/SMEs to easily install the switch in a rack, enabling high speed data exchange between servers and NAS.

## Technical Specifications

Product		
Product Number	QSW-1208-8C	QSW-804-4C
10G SFP+ ports	4	4
10G SFP+ ports and RJ-45 copper (Combo)	8	4
Form Factor	Desktop/Rackmount (With mounting kit.)	Desktop/Rackmount (With mounting kit.)
Performance specification		
Packet buffer memory	128K per port	128K per port
Switching capacity	240 Gbps	160 Gbps
MAC Address Caching Capacity	27K	27K
Number of priority queues	8	8
Jumbo frame support	Up to 9K packet size	Up to 9K packet size
Power consumption		
Power Supply	Fixed internal PSU, 100-240VAC, 50-60Hz, 2.5A max Power cord localized to country of sale	Fixed internal PSU, 100-240VAC, 50-60Hz, 2.5A max Power cord localized to country of sale
Max power (worst case, all ports used, line-rate traffic) (Watts)	49W	41W
Min power (link-down standby) (Watts)	21W	21W
Fan(s)	2 Low-Noise Smart Fan	2 Low-Noise Smart Fan
Supported voltage range	100 to 240VAC	100 to 240VAC
IEEE 802.3az (Energy Efficient Ethernet)	YES	YES
Acoustic noise level @ 25° C (dBA)	18.7	18.2
Environmental specifications		
Operating temperature	0 - 40 °C / 32~104° F	0 - 40 °C / 32~104° F
Relative humidity	10 to 85% Non Condensing	10 to 85% Non Condensing
Electromagnetic compliance	CLASS A	CLASS A
LEDs		
Per device	Power	Power
Per port	Speed, Link, Activity	Speed, Link, Activity
Physical specification		
Dimensions (H x W x D)	43 x 285 x 233 mm	43 x 285 x 233 mm
Weight	2.15 kg	2.10 kg
Warranty		
Warranty	2 years	2 years
IEEE NETWORK PROTOCOLS		
<div> <div> IEEE Network Protocols <ul style="list-style-type: none"> <li>• IEEE 802.3 Ethernet</li> <li>• IEEE 802.3u 100BASE-TX</li> <li>• IEEE 802.3ab 1000BASE-T</li> <li>• IEEE 802.3x Full-Duplex Flow Control</li> <li>• IEEE 802.1p Class of Service</li> <li>• IEEE 802.3az Energy Efficient Ethernet (EEE)</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• IEEE 802.3an 10GBASE-T</li> <li>• IEEE 802.3bz 5Gbps and 2.5Gbps Ethernet Over Copper Twisted Pair Cable</li> <li>• IEEE 802.3ae 10-Gigabit Ethernet Over Fiber</li> <li>• IEEE 802.3aq 10-Gigabit over Fiber (10GBASE-LRM)</li> <li>• IEEE 802.3z Gigabit Ethernet 1000BASE-SX/LX</li> </ul> </div> </div>		
Package content		
QSW unmanaged switch, Power cord (localized to country of sale), Rack-mounting kit, Quick install guide, Rubber belts		