



QNAP QXG- 25G2SF-E810 network card Internal Fiber 25000 Mbit/s

Model: QXG-25G2SF-E810

Manufacturer: QNAP

Product Code: 13686

R10,631 ~~R11,477~~

The dual-port QXG-25G2SF-E810 25GbE network expansion card with Intel® Ethernet Controller E810-XXVAM2 supports PCIe Gen4 (backwards compatible with Gen3) and provides up to 25Gbps transfer speeds (10/25Gbps supported). By using SMB Multichannel to aggregate multiplied network connections, you maximize available bandwidth and can achieve up to 50Gb/s for accelerating file sharing and intensive data transfer. With Network Offload support, the QXG-25G2SF-E810 greatly boosts network efficiency and is ideal for I/O-intensive and latency-sensitive virtualization applications, data centers, and multimedia transmission/real-time video editing.

Compatible with NAS and PC

QNAP Network Expansion Cards support NAS operating systems (QTS and QuTS hero), Windows® 11, Windows Server® and Linux®, allowing you to expand the performance potential of all your

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networked devices.

Build 25GbE networks with QNAP NAS and high-speed network switches

QNAP provides one-stop 25GbE storage and networking solutions for ultra-high speed connectivity to meet various needs. The TS-h2287XU-RP NAS not only fully realizes 25Gb/s performance but also allows for more connected PCs/workstations by installing the QXG-25G2SF-E810 through PCIe Gen 4 slots. Coupled with 25GbE network switch, you can create an ultra-high speed and scalable network environment with great cost efficiency.

Ensure reliable data transfer with Forward Error Correction (FEC)

The QXG-25G2SF-E810 supports FEC to overcome packet loss – a potentially common occurrence in fast, long-distance networks. FEC helps the receiving side detect and recover lost data to correct bit errors, thus ensuring reliable data transmission over “noisy” communication channels. With three FEC modes, you can use a suitable cable and switch to build an optimal network environment.

Enable SMB Multichannel for multiplied network performance

QNAP provides various NAS systems that come with built-in 25GbE ports. You can add more 25GbE connections by installing the QXG-25G2SF-E810 PCIe network cards, and enable SMB Multichannel to enjoy 50Gb/s (or higher) network speeds with connected client devices, giving you a flexible and cost-effective high-speed storage solution.

Supports Windows and Linux servers/workstations

Besides QNAP devices, the QXG-25G2SF-E810 supports many platforms (including Windows 11, Windows Server® 2022 and Ubuntu® 20.04 LTS) allowing you to attain optimal business performance for a wider range of system applications and services. The higher bandwidth density

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with reduction in links helps reduce cabling and operational costs.

Faster Server

Faster server connections within data centers accelerate data aggregation and operational performance.

Denser Compute

Boost the productivity of compute-demanding tasks such as cloud computing, virtual machines, containers, and more.

Bigger Data

Empower the movement of large files from surveillance streams, 4K/8K media, Internet of Things, and more.

Scalability

25GbE is agile, scalable, and provides an easy upgrade path to 50GbE or 100GbE, ensuring that your IT infrastructure is future-proofed.

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