



Dual-port 100 GbE network expansion card

Dimensions (L x W x H)	162.74 mm length × 1-slot width × Low-profile (The dimension is based on PCBA size × not including the bracket) mm
Controller	Intel Ethernet Controller E810-CAM2
Number of Ports	2 x QSFP28 ports
Connector	QSFP28
PCIe and Lanes	PCIe 4.0 x16 (Compatible to PCIe 3.0 x16)
Transmission Rates	100Gbps
IEEE Standards	IEEE Std 802.3-2018 IEEE Std 802.3cd-2018 IEEE P802.3bd-2011 IEEE Std 802.1D-2004 IEEE Std 802.1Q-2011 IEEE Std 802.1AX-2008 IEEE P802.1Qbb-2011 IEEE P802.1Qbg-2012 IEEE P802.1BR/D3.3 IEEE Std 802.1AB-2009
Bracket	Low-profile bracket pre-installed; full-height and specialized (for selected QNAP NAS) brackets are bundled
1K ingress and egress QoS levels	On-chip QoS
Supported NAS operating systems	QTS / QuTS hero (recommend an upgrade to the latest version) ; Windows (Driver Required) ; Linux (Driver Required)
Supported QNAP NAS	Models with PCIe slot(s) (1 free slot required)
Support Ubuntu Commercial Linux Distribution	Ubuntu 18.04/20.04
Support Windows Server	Windows Server 2019
Port and Cable	QSFP28 DAC cable or OPTIC transceiver
Package Contents	1 x Network card; 1 x QIG; 2 x Brackets

Standard Warranty

3 years

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.