



Dual-port 100 GbE network expansion card

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
SR-IOV Support	Yes
iSER Support	Yes
NVGRE, VXLAN, Geneve Support	Yes
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
Port and Cable	QSFP28 DAC cable or OPTIC transceiver

Package Contents

1 x Network card; 1 x QIG; 2 x Brackets

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.

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.

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