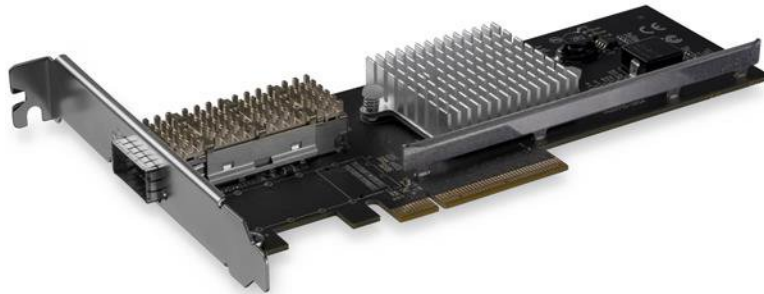# QSFP+ Server Network Card - PCI Express - Intel XL710 Chip

Product ID: PEX40GQSFPI

Get fast, high-bandwidth connectivity with this QSFP+ server network card. The converged network adapter adds an open QSFP+ slot to your server or workstation. The 40Gb NIC features an Intel controller and provides reliable performance. It's ideal for high-demand database servers, virtualized servers and agile data centers that require infrastructure updates with no downtime.

Increase Your Network Speed

This QSFP+ server NIC lets you take advantage of the speed and stability of a 40 Gigabit Ethernet network, with data transfers of up to 40Gbps.

Add Scalable Network Connections

With an open QSFP+ slot, the network interface card supports QSFP+ transceiver modules and is compatible with multimode and single-mode fiber, providing a scalable networking solution.

Enhance Your Network Capabilities

The 40Gb NIC uses an Intel XL710 chipset, providing reliable connectivity and convergent network features. It offers many advanced features including Intel Virtualization Technology for Connectivity.

The PEX40GQSFPI is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS & REACH
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Applications

- Add ultra-fast 40Gbps network connectivity to database, file or application servers and high-performance workstations
- Utilize full 40Gpbs network speeds over longer distances than copper cabling
- Ideal for agile and high-demand data centers that require data security, no downtime, and infrastructure updates

Features

- Add an open 40Gb QSFP+ slot to your server or workstation for fast, high-bandwidth connectivity
- Compatible with multimode and single-mode fiber
- Intel XL710-BM1 chipset with Intel Virtualization Technology for Connectivity, intelligent offloads and iSCSI/NFS storage over Ethernet
- Compliant with PCI Express 3.0 specification, using PCIe x8 (or higher) slot
- Supports IEEE 802.1Q VLAN tagging, IPv4, and IPv6
- Dual profile with both low-profile and full-profile brackets included, plus link/activity indicator

Hardware	Warranty	2 Years
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Intel XL710-BM1
	Industry Standards	IEEE 802.3ba 40GBASE-SR4
		IEEE 802.3ba 40GBASE-LR4
		PCI Express Rev 3.0, using PCIe x8 (or higher) slot
	Ports	1
Performance	Auto MDIX	Yes
	Compatible Networks	40 Gbps
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Data Transfer Rate	40Gbps
	Supported Protocols	IEEE 802.3ad (Link Aggregation)
		IEEE 802.3x (2005 Flow Control Support)
		IEEE 802.1Q (VLAN tagging)
Connector(s)	Connector Type(s)	1 - PCI Express x8 Male
	Internal Ports	1 - QSFP+ Female
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012, 2012 R2, 2016 **(Windows Drivers are supported in 64-bit only)** Linux 2.6.24 to 4.11.x (64-bit Only)< *LTS Versions only*
Indicators	LED Indicators	1 - Link LED/Activity LED
Environmental	Humidity	5~95% RH
	Operating Temperature	0°C to 57°C (32°F to 134.6°F)
	Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Physical Characteristics	Color	Black
	Product Height	0.8 in [20 mm]
	Product Length	7.1 in [181 mm]
	Product Width	4.8 in [121 mm]
	Weight of Product	4 oz [112 g]

Packaging Information	Package Height	1.5 in [38 mm]
	Package Length	8.1 in [207 mm]
	Package Width	4.5 in [114 mm]
	Shipping (Package) Weight	0.5 lb [0.2 kg]
What's in the Box	Included in Package	1 - Network Card
		1 - Low-Profile Bracket
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.