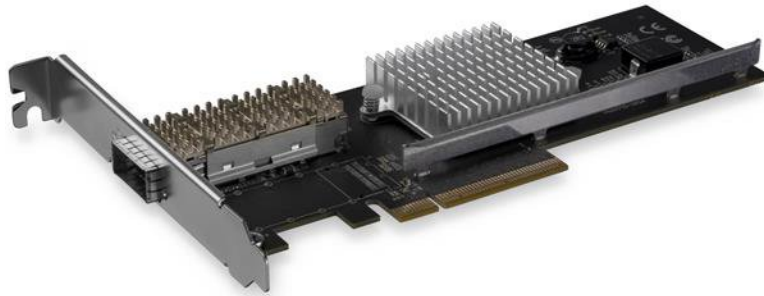


QSFP+ Server Network Card - PCI Express - Intel XL710 Chip

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



Applications

- Add ultra-fast 40Gbps network connectivity to database, file or application servers and high-performance workstations
- Utilize full 40Gbps 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 (64-bit Only) Windows Server® 2008 R2, 2012, 2012 R2, 2016 (64-bit Only) Linux 2.6.24 to 4.11.x (64-bit Only) < <i>LTS Versions only</i> |
| Indicators | LED Indicators | 1 - Link LED/Activity LED |
| Power | Power Source | Not Included (not required for standard applications) |
| 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 Weight | 4 oz [112 g] |
| | Product Width | 4.8 in [121 mm] |

| | | |
|------------------------------|---------------------------|--|
| Packaging Information | 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.