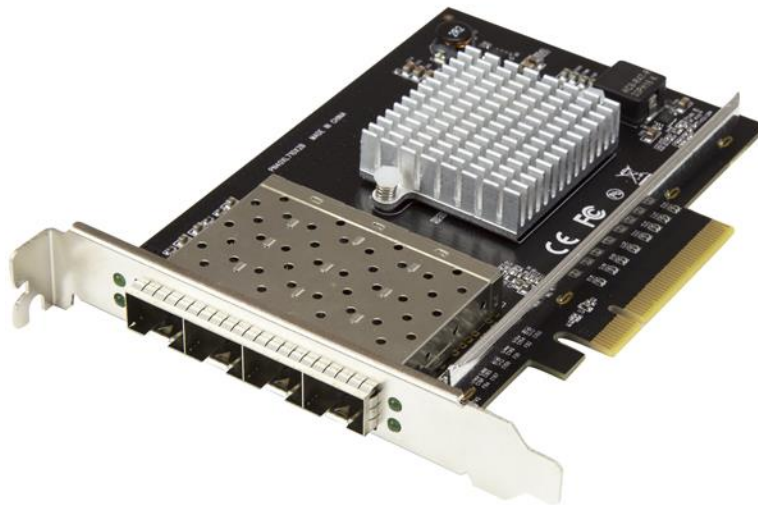# Quad-Port SFP+ Server Network Card - PCI Express - Intel XL710 Chip

Product ID: PEX10GSFP4I

This SFP+ server network card delivers reliable, high-performance network connectivity, by adding four open SFP+ slots to your server or high-powered workstation. It provides an easy and cost-effective way to upgrade to a 10 Gigabit fiber network using SFP+ modules of your choice and gives you the flexibility to use either multimode or single-mode fiber.

Add redundant connections in zero-downtime environments

With multiple available ports, you can avoid network downtime by adding fault-tolerant connections using two or more modules to provide high-bandwidth network links to your mission-critical servers or workstations.

Increase your network speed

This PCIe network card lets you take advantage of the increased speed and stability of a 10 Gigabit network, with data transfers of up to 10Gbps.

Add scalable network connections to your server or workstation

The network interface card is compatible with most 10GbE SFP+ transceivers. This gives you flexible and scalable configuration options, for connecting your computer directly to a fiber network at greater distances.

The card features four open SFP+ slots with support for interchangeable 10GBase SFP+ modules. This gives you the option to use the fiber transceiver modules that best suit your network needs based on distance and connector type. StarTech.com offers a wide variety of SFP+ transceiver modules to suit your network requirements. In addition, StarTech.com SFP+ cables provide a dependable solution for linking telecom and data communications equipment, such as routers and switches.

Enhance your network capabilities

The SFP+ server network card features the Intel® XL710 chipset, delivering the power, performance and enhanced capabilities you need for reliable connections to your server or computer. The Intel chip offers many advanced features including Intel® Virtualization Technology for Connectivity, PXE network boot support and up to 9K jumbo frame support.

The PEX10GSFP4I is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

CE

FC

Applications

- Add 10Gbps network connectivity to database, file or application servers and high-performance workstations
- Transmit full 10 Gigabit network speeds to a remote terminal over longer distances than copper cabling
- Supports secure setups - a direct fiber connection means no electronic interference, which can be a problem with RJ45 network cards
- Upgrade your onboard network adapter to 10 Gigabit SFP+, for faster communication
- Create a video/audio editing console with 10Gbps access to network storage
- Ideal for remote embedded industrial monitoring systems, and high-speed video surveillance

Features

- Provide redundant network links to mission-critical systems
- Add four 10GbE SFP+ slots to your server or workstation for fast, high-bandwidth connectivity, compatible with SR or LR transceivers
- Compatible with multimode and single-mode fiber
- Intel XL710 chipset with Intel Virtualization Technology for Connectivity
- PXE network boot support

Hardware	Warranty	2 Years
	Bus Type	PCI Express
	Card Type	Standard Profile
	Chipset ID	Intel - XL710
	Industry Standards	IEEE 802.3ae (10GBASE-LR/SR only) PCI Express Rev 3.0, using PCIe x8 (or higher) slot
	Interface	Fiber (10 Gigabit Ethernet)
	Ports	4
Performance	Compatible Networks	10 Gbps
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Data Transfer Rate	20000 Mbps (20 Gbps) - Full-Duplex
	Supported Protocols	IEEE 802.3ad (Link Aggregation) IEEE 802.3x (Flow Control Support) IEEE 802.1Q (VLAN tagging)
Connector(s)	Connector Type(s)	1 - PCI Express x8 Male
	Internal Ports	4 - SFP+ Slot 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)< *LTS Versions only*
Special Notes / Requirements	Note	The maximum throughput of this card is limited by the bus interface. PCI Express Gen 1.0 max throughput is 2Gbps per lane. PCI Express Gen 2.0 max throughput is 4Gbps per lane. PCI Express Gen 3.0 max throughput is 8Gbps per lane. The available bandwidth (64Gbps) is shared equally between the four ports.
Indicators	LED Indicators	4 - Link/Activity (green)
Environmental	Humidity	20% ~ 80% RH
	Operating Temperature	5°C to 50°C (41°F to 122°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Physical Characteristics	Color	Black
	Product Height	3.9 in [100 mm]
	Product Length	5.5 in [139 mm]
	Product Weight	4.3 oz [122 g]

	Product Width	0.6 in [15 mm]
Packaging Information	Shipping (Package) Weight	6.4 oz [182 g]
What's in the Box	Included in Package	1 - network card
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.