

10G PCIe SFP+ Card - Single SFP+ Port Network Adapter - Open SFP+ for MSA-Compliant Modules/Direct-Attach Cables - 10 Gigabit Fiber PCIe NIC - PCI Express SFP+ Network Card

Product ID: PEX10GSFP



This PCIe network card lets you take advantage of improved bandwidth in data-intensive applications such as multimedia streaming and large file transfers. This fiber NIC offers data transfer rates of up to 10Gbps which improve speeds and reduces load times.

Featuring an open SFP+ slot, you have the flexibility to make changes as needed just by swapping the module in use, whether it is fiber, copper, or direct attach cables (DAC). The card complies with MSA, allowing use with modules from StarTech.com or 3rd parties that support MSA.

The 10Gb network card easily connects via an available x4 PCI Express 3.0 expansion slot. The card is shipped with a standard-profile bracket and includes a low-profile bracket for installation in various types of computer chassis. It supports a wide variety of OSes including Windows, macOS, and Linux.

The PEX10GSFP is backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility



Applications

Features

- **MAXIMUM THROUGHPUT:** Increase your bandwidth up to 10 Gbps with this SFP+ card for enhanced data transfer rate using fiber optic cable; Reduce wait times for large file transfers, content sharing, network storage, or any other high bandwidth application
- **WIDE COMPATIBILITY:** This PCIe network card has an open SFP+ slot that can accept any MSA-compliant module or direct attach cable (DAC). It opens the possibility to use multimode, single-mode, or even copper SFP+ modules
- **SECURE INTERFACE:** For security and privacy reasons a fiber network card is the ideal point-to-point network adapter; Eliminate EMI with a fiber connection and cover longer distances with fiber to host
- **SPECIFICATIONS:** 10Gbps open slot SFP+ port MMF, SMF, and Copper Support 9K Jumbo Frames IEEE 802.3ad Link Aggregation IEEE 802.1Q VLAN tagging PCIe 3.0 x4 MSA Compliant Full Duplex Low Profile Bracket included Windows, macOS and Linux
- **STARTECH.COM ADVANTAGE:** IT professionals' choice for over 30 years, this PCIe 10Gb open slot SFP+ card is backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	2 Years
Compatible Brand	MSA Compliant
Interface	Fiber (10 Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Industry Standards	IEEE 802.3ae (10GBASE-LR/SR), IEEE 802.3aq (10GBASE-LRM) PCI Express Rev 3.0
Chipset ID	Aquantia - AQC100S

Performance

Maximum Data Transfer Rate	20000 Mbps (20 Gbps) - Full-Duplex
Type	Single Mode Multi Mode
Compatible Networks	10 Gbps



Jumbo Frame Support	9K max.
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 x4
External Ports	1 - SFP+

Software

OS Compatibility	Windows 7, 8, 8.1, 10 Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019 Linux Kernel 3.10 - 4.14 (LTS versions only) VMWare ESXi 6.0, 6.5, 6.7
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Special Notes / Requirements

System and Cable Requirements	Not compatible with 10/100/1000 Mbps SFP transceivers. 10 Gigabit SFP+ transceiver or DAC required
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Environmental

Operating Temperature	5C to 50C (41F to 122F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	20% ~ 80% RH

Physical Characteristics

Material	Steel
Product Length	3.7 in [9.4 cm]
Product Width	0.7 in [1.8 cm]
Product Height	4.8 in [12.1 cm]
Weight of Product	1.9 oz [55.0 g]

Packaging Information

Package Length	5.7 in [14.5 cm]
Package Width	8.3 in [21.0 cm]
Package Height	1.4 in [3.5 cm]



Shipping (Package) Weight	4.9 oz [140.0 g]
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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.***

