

PCI Express 10/100 Mbps Ethernet Fiber SFP PCIe Network Card Adapter NIC

StarTech ID: PEX100SFP



The PEX100SFP PCI Express 10/100 Mbps Ethernet Fiber Open SFP Network Card lets you connect a PCI Express-based PC directly to a fiber optic network using the 10/100 Mbps SFP of your choice.

A versatile solution for connecting a computer directly to a 10/100 Mbps fiber network, the PCIe SFP network adapter enables you to choose the 10/100 Mbps SFP that best suits your network fiber connection and distance requirements (see our full line of 100 Mbps transceivers for compatible solutions).

Ideal for secure network setups, the open SFP NIC offers a direct fiber connection which is not susceptible to electronic interference like standard RJ45 networks.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Ideal for secure setups - a direct fiber connection means no electronic interference, which can be a problem with RJ45 network cards
- Perfect for remote embedded industrial monitoring systems, and high speed video surveillance
- Retain full 100 Mbps network speeds to a remote terminal over long distances

Features

- PCI Express SFP network card
- Supports Full/Half-duplex Auto-Negotiation, Auto-MDI/MDIX
- Compliant with IEEE 802.3u 100Base-FX, IEEE802.1Q VLAN Tagging, IEEE802.1p Layer 2 Priority Encoding, IEEE 802.3x full duplex flow control, RFC 1157 SNMP v1
- Supports PCI Message Signaled Interrupt (MSI)
- Preboot Execution Environment (PXE) 2.1
- Cable diagnostic utility

Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Card Type	Low Profile
Chipset ID	Realtek - RTL8168B; Marvell - 88E1111-RCJ1
Industry Standards	IEEE 802.3u 100Base-FX, IEEE802.1Q VLAN Tagging, IEEE802.1p Layer 2 Priority Encoding, IEEE 802.3x full duplex flow control, RFC 1157 SNMP v1
Ports	1
Connector Type(s)	1 - PCI Express x1
Auto MDIX	Yes
Buffer Size	48 KB
Compatible Networks	10/100 Mbps
Full Duplex Support	Yes
Maximum Data Transfer Rate	200 Mbps (Full-Duplex)
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), 2000 Windows® Server 2008 R2, 2003(32/64) Linux 2.4.x/ 2.6.x
Product Height	3.1 in [80 mm]
Product Length	4.5 in [115 mm]
Product Weight	1.5 oz [42 g]
Product Width	0.8 in [20 mm]
LED Indicators	1 - Activity (Yellow)
LED Indicators	1 - Link (Green)
Power Consumption	2.3 W Max
Humidity	5~95% RH (Non-condensing)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Note	Fiber data transfer speeds and distances are dependent on the SFP used (sold separately)
Shipping (Package) Weight	6.5 oz [185 g]

- Included in Package 1 - PCI Express Open SFP Network Card
- Included in Package 1 - Driver CD
- Included in Package 1 - Instruction Manual (on CD)

Certifications, Reports and Compatibility

