

## PCI Express Gigabit Ethernet Fiber Open SFP PCIe Network Card Adapter NIC

StarTech ID: *PEX1000SFP*



The PEX1000SFP PCI Express Gigabit Ethernet Fiber Open SFP Network Card lets you connect a PCI Express-based PC directly to a fiber optic network using the Gigabit SFP of your choice.

A versatile solution for connecting a computer directly to a gigabit fiber network, the PCIe SFP network adapter enables you to choose the Gigabit SFP that best suits your network fiber connection and distance requirements (see our full line of Gigabit 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 Gigabit network speeds to a remote terminal over long distances

## Features

- Compatible with any Gigabit SFP modules
- Supports Full/Half-duplex Auto-Negotiation, Auto-MDI/MDIX
- Compliant with IEEE 802.3z 1000Base-SX/LX, IEEE802.1Q VLAN Tagging, IEEE802.1p Layer 2 Priority Encoding, IEEE 802.3x full duplex flow control, RFC 1157 SNMP v1
- Jumbo Frame Support
- Supports PCI Message Signaled Interrupt (MSI)
- Preboot Execution Environment (PXE) 2.1

Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Card Type	Standard Profile
Chipset ID	Realtek - RTL8168B; Marvell - 88E1111-RCJ1
Industry Standards	IEEE 802.3z 1000Base-SX/LX, 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	1000 Mbps (1 Gbps)
Full Duplex Support	Yes
Maximum Data Transfer Rate	2000Mbps (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	125 mm [4.9 in]
Product Length	121 mm [4.8 in]
Product Weight	80 g [2.8 oz]
Product Width	20 mm [0.8 in]
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)
<b>Note</b>	Fiber data transfer speeds and distances are dependent on the SFP used (sold separately)
Shipping (Package)	0.3 kg [0.7 lb]

Weight

Included in Package 1 - PCI Express Open SFP Network Card

Included in Package 1 - Driver CD

Included in Package 1 - Instruction Manual

Certifications, Reports and Compatibility

