

1000 Mbps Gigabit Ethernet Multi Mode ST Fiber PCI Express Card - 550m

**Product ID:** PEX1000MMST



The PEX1000MMST 1000 Mbps Gigabit Fiber Optic (MM ST) PCIe Ethernet Adapter Card offers the perfect "Fiber-to-the-desk" solution.

Providing a simple way to connect a computer directly to a high-speed fiber network, this Fiber Gigabit Ethernet Adapter card can be installed in the computer through any PCI Express slot and is perfectly suited to high bandwidth applications with support for Full Duplex operation and Gigabit transfer speeds.

Ideal for secure network setups, the PEX1000MMST 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.

## Certifications, Reports and Compatibility

### 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

- 1000Mbps Full-duplex operation

- Advanced Configuration Power Management Interface (ACPI) 2.0
- Cable diagnostic utility
- Compliant with RFC 1157 SNMP v1 which allows you to manage remotely
- Complies with IEEE 802.1Q, 802.1p standards
- Microsoft NDIS5 (IP, TCP, UDP) checksum offload
- PCI Express 1.0a compliant
- Supports up to 9K Bytes jumbo frame
- Supports Wake-on-LAN remote wake-up

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#### Hardware

Warranty	2 Years
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Standard Profile
Industry Standards	IEEE802.3z 1000Base-SX/1000Base-LX, IEEE802.3x, IEEE802.1Q, IEEE802.1p, IEEE802.3ad
Chipset ID	Realtek - RTL8168B

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#### Performance

Maximum Cable Length	1804.0 ft [550 m]
Wavelength	850nm
Compatible Networks	1000 Mbps (1 Gbps)

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#### Connector(s)

Connector Type(s)	PCI Express x1
External Ports	Fiber Optic ST Duplex

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#### Software

OS Compatibility	Windows 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64) Windows Server 2012, 2008 R2
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Mac OS 10.x (Tested up to 10.9)

Linux

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**Special Notes / Requirements**

Note	Not compatible with 10/100
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**Indicators**

LED Indicators	Link (Green)
	Activity (Yellow)

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**Power**

Power Consumption (In Watts)	2.3W Max
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**Environmental**

Operating Temperature	0C to 45 C (32F to 113F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	5%-95% non-condensing

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**Physical Characteristics**

Product Length	4.3 in [10.9 cm]
Product Width	3.3 in [83 mm]
Product Height	0.8 in [20 mm]
Weight of Product	2.8 oz [80 g]

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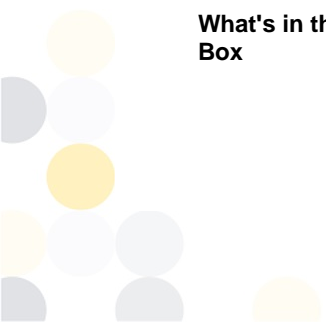
**Packaging Information**

Package Length	8.4 in [21.3 cm]
Package Width	2.0 in [50 mm]
Package Height	6.9 in [17.5 cm]
Shipping (Package) Weight	10.6 oz [300.0 g]

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**What's in the Box**

Included in Package	PCI Express Gigabit Ethernet Adapter
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Driver / Instruction Manual CD

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***\*Product appearance and specifications are subject to change without notice.***

