

## 1-Port Gigabit Ethernet Network Card - PCI Express, Intel I210 NIC

Product ID: ST1000SPEXI



Boost the performance and capabilities of your server or desktop computer by adding a Gigabit Ethernet port through a PCI Express slot. This GbE (Gigabit Ethernet) network card makes it easy to create a high-performance, cost-effective networking solution.

This PCI Express Gigabit Ethernet card utilizes the Intel I210-AT chipset, delivering the power, performance and enhanced capabilities you need for dependable network connections to your server or computer. Compliant with IEEE 802.3/4/ab standards, the GbE network card provides an effective upgrade or replacement network port, with a maximum throughput of up to 1000Mbps in each direction (2000 Mbps total) - up to ten times faster than 10/100 Ethernet.

The I210 chipset provides many advanced features to support load-balancing the flow of network traffic, to enhance throughput and provide greater data reliability. It also supports Audio-Video Bridging (AVB) to enable tightly controlled media stream synchronization, buffering and resource reservation.

Compatible with a broad range of operating systems, this versatile PCIe Gigabit NIC is ideal for many business applications requiring servers or workstation upgrades. It's a cost-effective way to upgrade your server or computer from a 10/100 Ethernet port to a Gigabit Ethernet port, or add an Ethernet port to take advantage of advanced features such as VLAN tagging, Jumbo Frames, Wake-On-LAN and Auto MDIX.

With dual-profile design, the PCI Express network card installs easily into a wide range of computer/server chassis, regardless of form factor. The card comes equipped with a full-sized bracket, and includes a low-profile/half-height installation bracket that you can use as needed.

The ST1000SPEXI is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility





## Applications

- Upgrades to servers or workstations in need of enhanced performance, advanced features and greater reliability
- Upgrade a 10/100 Ethernet port on your computer to GbE network capability
- Add GbE networking capabilities to an old system that doesn't have an Ethernet port
- Add an additional Ethernet port to a workstation or server computer for redundancy

## Features

- Add a 10/100/1000 RJ-45 Ethernet port to a client, server or desktop through one PCIe slot
- Intel I210-AT chipset
- PXE network boot
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Auto MDIX support
- Autonegotiation support
- Wake-on-LAN support
- Up to 9K jumbo frame support
- IEEE802.3az Energy Efficient Ethernet (EEE)
- Supports IEEE 802.1Q VLAN tagging
- Supports Audio-Video Bridging
- Full or low-profile (LP bracket included) installation
- Full duplex support

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<b>Hardware</b>	Warranty	2 Years
	Ports	1
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
	Industry Standards	IEEE 802.1Q VLAN Tagging
	Industry Standards	IEEE 802.3x Full Duplex Flow Control
	Chipset ID	Intel - I210-AT

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<b>Performance</b>	Maximum Data Transfer Rate	2000 Mbps (full-duplex)
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Full Duplex Support	Yes
		9K max.



Jumbo Frame Support	Yes
Promiscuous Mode	IEEE 802.3ad (link aggregation), IEEE 1588 (time sync)
Supported Protocols	

<b>Connector(s)</b>	Connector Type(s)	PCI Express x1
	Connector Type(s)	RJ-45
<b>Software</b>	OS Compatibility	Windows 7, 8, 8.1, 10 Windows Server 2008 R2, 2012 R2, 2016, 2019 Linux 2.4.x to 4.11.x <i>LTS versions only</i>
	<b>Special Notes / Requirements</b>	System and Cable Requirements Available PCI Express expansion card slot
	<b>Indicators</b>	LED Indicators
LED Indicators		Link/Activity
<b>Power</b>	Power Consumption (In Watts)	Max 0.8W
<b>Environmental</b>	Operating Temperature	5C to 50C (41F to 122F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	20% ~ 80% RH
<b>Physical Characteristics</b>	Color	Black
	Product Length	4.7 in [1.2 cm]
	Product Width	2.6 in [66 mm]
	Product Height	0.7 in [18 mm]
	Weight of Product	1.3 oz [38 g]
<b>Packaging Information</b>	Package Length	6.7 in [1.7 cm]
	Package Width	5.6 in [1.4 cm]
	Package Height	1.1 in [28 mm]
	Shipping (Package) Weight	3.5 oz [100 g]
<b>What's in the Box</b>	Included in Package	1 Port Network Card

Included in Package	Low Profile Bracket
Included in Package	Instruction Manual

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

