

## 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

<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
	<b>Performance</b>	Maximum Data Transfer Rate
	Compatible Networks	Yes
	Auto MDIX	Yes
	Full Duplex Support	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	100/1000 Mbps Indicator
	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
	Material	Steel
	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

---

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

