

## **4-Port Gigabit Ethernet Network Card - PCI Express, Intel I350 NIC**

*StarTech ID: ST4000SPEXI*



Here's a dependable and cost-effective way to add four high-performance Gigabit Ethernet ports to your server or desktop computer, through one PCI Express slot.

### **Reliable network connectivity with high performance**

This Gigabit Ethernet network card features the Intel® I350-AM4 chipset, designed to deliver the power, performance and enhanced capabilities you need for reliable network connections to your server or computer. The Intel chip provides a number of advanced driver options including IEEE 802.3ad link aggregation / teaming support, which enables you to add additional bandwidth to your system.

Compliant with IEEE 802.3/4/ab standards, the network card provides full support for high-performance, four-channel networking and maximum throughput up to 1000Mbps in each direction (2000 Mbps total) - up to ten times faster than 10/100 Ethernet.

### **Cost-effective access to multiple networks**

The quad-port Gigabit network card makes it easy to access multiple networks. It offers a cost-effective solution for IT professionals in government, educational, corporate, health care, or business environments where access to multiple networks from numerous workstations is needed. The server adapter card gives you four redundant, independent Gigabit Ethernet ports and it supports advanced features such as Jumbo Frames and VLAN tagging.

### **Enhanced versatility and efficiency**

Compatible with a broad range of operating systems, this versatile PCIe Gigabit NIC is suitable for many business and enterprise applications - including virtualized environments with multiple operating systems, requiring multiple shared or dedicated NICs. The 4-port Gigabit network card is equipped with Intel® Virtualization Technology for Connectivity (Intel® VT-c) which reduces system latency and improves networking

throughput. Four dedicated ports allow you to maximize your virtualized server's networking efficiency and create a more agile data center.

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

The ST4000SPEXI is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Applications

- Easy access to multiple networks, ideal for government, education, health care, corporations or other high-end server applications
- Add more network ports to a workstation or server for redundancy or virtualization
- Ideal for desktop PC clients, servers and workstations with few PCI Express slots available
- An effective replacement Ethernet network card for legacy equipment

### Features

- Add four 10/100/1000 RJ-45 Ethernet ports to a client, server or desktop through one PCIe slot
- Intel I350-AM4 chipset with Intel® Virtualization Technology for connectivity
- 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
- Full or low-profile (LP bracket included) installation
- Full duplex support

## Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Intel I350-AM4
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
Ports	4
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Maximum Data Transfer Rate	2000 Mbps (full-duplex)
Supported Protocols	IEEE 802.3ad (link aggregation), IEEE 1588 (time sync)
Connector Type(s)	4 - PCI Express x4
Connector Type(s)	4 - RJ-45
OS Compatibility	Windows® 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012, 2012 R2 Linux 2.4.x to 4.4.x <i>LTS versions only</i>
<b>Note</b>	Creating Intel® ANS teams and VLANs on Microsoft Windows® 10 is currently not supported. As a result, when created, teams and VLANs do not pass traffic. We expect that ANS will be supported on Microsoft Windows 10 client in a future release.
System and Cable Requirements	Available PCI Express x4 or higher (x8, x16) slot
LED Indicators	4 - 100/1000 Mbps Indicator

LED Indicators	4 - Link/Activity
Power Consumption	4.4W
Humidity	20% ~ 80% RH
Operating Temperature	5°C to 50°C (41°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Color	Black
Product Height	120 mm [4.7 in]
Product Length	132 mm [5.2 in]
Product Weight	95 g [3.4 oz]
Product Width	18 mm [0.7 in]
Shipping (Package) Weight	168 g [5.9 oz]
Included in Package	1 - 4 Port Network Card
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

