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Data Sheet

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

Product 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/u/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.

Certifications, Reports and Compatibility











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

	Warranty	2 Years
Hardware	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
		IEEE 802.1Q VLAN Tagging
		IEEE 802.3x Full Duplex Flow Control
	Ports	4
Performance	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(s)	Connector Type(s)	4 - PCI Express x4
		4 - RJ-45
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012, 2012 R2, 2016 Linux 2.4.x to 4.11.x *LTS versions only*
Special Notes / Requirements	System and Cable Requirements	Available PCI Express x4 or higher (x8, x16) slot
Indicators	LED Indicators	4 - 100/1000 Mbps Indicator
		4 - Link/Activity
Power	Power Consumption (In Watts)	4.4W
Environmental	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)
Physical Characteristics	Color	Black
	Product Height	4.7 in [120 mm]
	Product Length	5.2 in [132 mm]
	Product Weight	3.2 oz [90 g]
	Product Width	0.7 in [18 mm]

Packaging Information	Shipping (Package) Weight	5.7 oz [162 g]
What's in the Box	Included in Package	1 - 4 Port Network Card 1 - Low Profile Bracket 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.