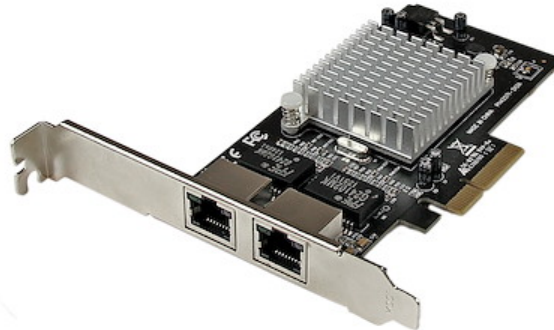


Dual Port PCI Express (PCIe x4) Gigabit Ethernet Server Adapter Network Card - Intel i350 NIC

Product ID: ST2000SPEXI



The ST2000SPEXI PCI Express Dual Port Gigabit Network Card lets you add two gigabit Ethernet ports to a desktop computer through a single, four-lane (x4 or higher) PCI Express slot. Each port is fully compatible with IEEE 802.3/4/ab standards, for 10/100/1000 Mbps auto-negotiation.

This 2-port GbE network card is based on the high-performance Intel I350 chipset, which offers several advanced driver options including IEEE 802.3ad link aggregation / teaming support, enabling you to add additional bandwidth to your system. Support for Jumbo Frames, full-duplex operation and 802.1q VLAN tagging also aid in creating an efficient network configuration.

Also useful for virtualization applications (check your VM software for chipset compatibility) or setting up a dual-homed host configuration, this dual-port network card lets you accommodate several complex network scenarios, to meet your business needs. For added versatility, the controller card is equipped with a standard profile bracket and includes a low-profile/half-height bracket for installation in small form-factor computers.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Ideal for VM environments with multiple operating systems, requiring shared or dedicated NICs
- Provide redundant connectivity to ensure an uninterrupted network connection
- Configure a dual-homed proxy or gateway system for an added layer of security
- Specially designed for desktop PC clients, servers, and workstations with few PCI Express slots available

Features

- Two 10/100/1000Mbps compatible RJ-45 Ethernet ports
- Fully Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3ad (link aggregation) and supports IEEE 802.1Q VLAN tagging
- Jumbo Frame support up to 9k bytes
- Teaming Support
- Supports Checksum Offload (IP, TCP, UDP), Transmit Segmentation Offload (TCP, UDP) and Large send Offload
- Wake-on-LAN / Remote Wake-up support
- Configured with standard profile bracket, low profile/half-height bracket included
- Supports Intel Virtualization Technology (VT-c, VMDq, SR-IOV)
- Four-lane (x4) PCI Express compatible with x4, x8 and x16 PCIe slots
- Compatible with PCI Express Base Specification 2.1 (backward compatible with 1.0a/1.1)

Hardware

Warranty	2 Years
Ports	2
Interface	RJ45 (Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Industry Standards	PCI Express Base Specification 2.1 IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Chipset ID	Intel - I350-AM2

Performance

Wake On Lan	Yes
Maximum Data Transfer Rate	2000 Mbps (full-duplex), 1000 Mbps (half-duplex)
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Promiscuous Mode	Yes
MTBF	432,400 hours
Supported Protocols	IEEE 802.3ad (link aggregation), IEEE 1588 (time sync) / 802.1AS, IEEE 802.1q (VLAN tagging)

Connector(s)

Connector Type(s)	1 - PCI Express x4
External Ports	2 - RJ-45

Software

OS Compatibility	Windows 7, 8, 8.1, 10, 11 Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 Linux 2.4.x and up - LTS Versions only
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Special Notes / Requirements

System and Cable Requirements	Available PCI Express x4 or higher (x8, x16) slot
Note	- Intel NIC Teaming is supported only on Windows Server OS (e.g., Server 2012, 2016) and not on desktop versions like Windows 10 or 11. - Intel NIC Teaming is supported only on Windows Server OS (e.g., Server 2012, 2016) and not on desktop versions like Windows 10 or 11.

Indicators

LED Indicators	2 - Link / Activity
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2 - 10/100/1000 Mbps Indicator

Power

Input Voltage	12V DC
Output Voltage	12V DC

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	5~85% RH

Physical Characteristics

Color	Black
Material	Steel
Product Length	2.6 in [6.7 cm]
Product Width	0.7 in [1.9 cm]
Product Height	4.8 in [12.1 cm]
Weight of Product	3.2 oz [90 g]

Packaging Information

Package Quantity	1
Package Length	6.7 in [17.0 cm]
Package Width	5.6 in [14.2 cm]
Package Height	1.3 in [3.2 cm]
Shipping (Package) Weight	6.0 oz [170.0 g]

What's in the Box

Included in Package	1 - 2 Port Network Card
	1 - Low Profile Bracket
	1 - Driver CD

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