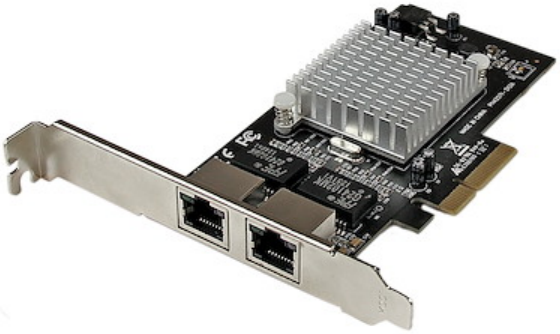
Dual Port PCI Express (PCIe x4) Gigabit Ethernet Server Adapter Network Card - Intel i350 NIC

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/u/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		
	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
Special Notes / Requirements		
	System and Cable Requirements	Available PCI Express x4 or higher (x8, x16) slot
Indicators		
	LED Indicators	2 - Link / Activity
		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	2.8 oz [80.0 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
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.