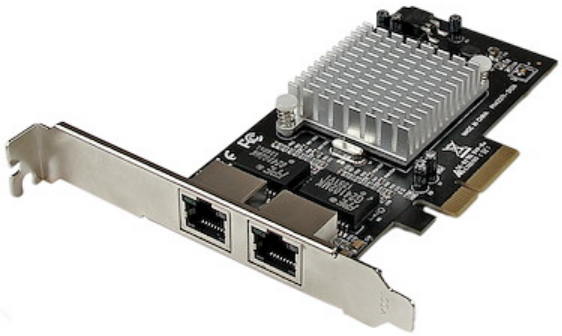
Dual Port PCI Express (PCIe x4) Gigabit Ethernet Server Adapter Network Card - Intel i350 NIC

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

General		
	UPC	065030852739
	Package Quantity	1
	Warranty	2 Years
Special Notes / Requirements		
	Special Notes	- 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.
	System and Cable Requirements	Available PCI Express x4 or higher (x8, x16) slot
Power		
	Input Voltage	12V DC
	Output Voltage	12V DC
Physical & Environmental		
	Color	Black
	Material	Steel

	Product Length	2.6 in [67.0 mm]
	Product Width	0.7 in [19.0 mm]
	Product Height	4.8 in [12.1 cm]
	Weight of Product	3.2 oz [90 g]
	Operating Temperature	0C to 50C (32F to 122F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	5~85% RH
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
	Wake-On-LAN (WOL)	Yes
	Supported Protocols	IEEE 802.3ad (link aggregation), IEEE 1588 (time sync) / 802.1AS, IEEE 802.1q (VLAN tagging)
	MTBF	432,400 hours
Hardware		
	Number of 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
	LED Indicators	2 - Link / Activity
		2 - 10/100/1000 Mbps Indicator
Packaging & In-the-Box		
	Included in Package	1 - 2 Port Network Card
		1 - Low Profile Bracket
		1 - Driver CD
		1 - Instruction Manual
	Package Width	6.7 in [17 cm]
	Package Depth	5.6 in [14.2 cm]
	Package Height	1.3 in [32 mm]
	Shipping (Package) Weight	6.0 oz [170 g]
Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	PCI Express x4
	Connector 2 (Quantity)	2
	Connector 2	RJ-45

Product appearance and specifications are subject to change without notice.