Dual Port Gigabit PCI Express Server Network Adapter Card - PCIe NIC

Product ID: ST1000SPEXD4



The ST1000SPEXD4 PCI Express Dual-Port Gigabit Network Card lets you add two gigabit Ethernet ports to a client, server or workstation through a single PCIe slot. Each port provides 10/100/1000 Mbps capable Ethernet and is fully compatible with IEEE 802.3/u/ab standards.

Suitable for any standard PCI Express-enabled system, the 2-port Ethernet card supports full-duplex flow control for maximum data transfer speeds of up to 2000 Mbps - an ideal 2-port NIC for setting up dual-homed, or multi-homed host configurations providing added security to corporate networks.

The dual-port server adapter is compliant with the PCIe 2.0 standard and features support for Jumbo Frames and 802.1q VLAN tagging as well as Wake on LAN (WoL). The adapter includes an optional low-profile / half-height bracket that can be used for installation into a standard or small form-factor computer chassis.

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

• Up to 9K Jumbo Frame support

• Compatible with PCI Express Base Specification 2.0 (backward compatible with 1.0a/1.1)

• Fully Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, and supports IEEE 802.1Q VLAN tagging, IEEE 802.1P Layer 2 Priority Encoding and IEEE 802.3x Full Duplex Flow Control

• Supports Microsoft NDIS5 Checksum Offload (IP, TCP, UDP) and Large send Offload

General		
	UPC	065030859356
	Package Quantity	1
	Warranty	2 Years
Special Notes / Requirements		
	System and Cable Requirements	Available PCI Express slot
Power		
	Input Voltage	12V DC
	Output Voltage	12V DC
Physical & Environmental		
	Color	Green
	Material	Steel
	Product Length	3.6 in [92.6 mm]
	Product Width	0.7 in [18.0 mm]
	Product Height	4.7 in [12.0 cm]

	Weight of Product	1.9 oz [53.0 g]
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	0C to 100C (32F to 212F)
	Humidity	10~90% 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 802.1Q VLAN tagging, IEEE 802.1P Layer 2 Priority Encoding and IEEE 802.3x Full Duplex Flow Control

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	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
		PCI Express Base Specification 2.0
	Chipset ID	Realtek - RTL8111
		ASMedia - ASM1182E
	LED Indicators	2 - Yellow - Gigabit Mode
		2 - Green - Link/Activity

Packaging & In-the-Box		
	Included in Package	1 - PCIe Network Card
		1 - Low Profile Bracket
		1 - Instruction Manual
	Package Width	6.8 in [17.2 cm]
	Package Depth	5.6 in [14.2 cm]
	Package Height	1.3 in [32 mm]
	Shipping (Package) Weight	4.8 oz [136 g]
Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	PCI Express x1
	Connector 2 (Quantity)	2
	Connector 2	RJ-45

Product appearance and specifications are subject to change without notice.