

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

Product ID: ST1000SPEXD3



The ST1000SPEXD3 PCI Express Dual Port Gigabit Server Network Adapter Card (PCIe NIC) lets you add two gigabit Ethernet ports to a client, server or workstation through a single PCI Express 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 single card, dual NIC solution 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 bracket that can be used for installation into a standard or low profile computer chassis.

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

Certifications, Reports and Compatibility

Applications

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

Features

- Two 10/100/1000Mbps compatible RJ-45 Ethernet ports
- Jumbo Frame support up to 9k bytes
- 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
- Wake-on-LAN / Remote Wake-up support
- Configured with standard profile bracket, low profile/half-height bracket included
- Compatible with PCI Express Base Specification 2.0 (backward compatible with 1.0a/1.1)
- Metal RJ45 connectors
- Realtek RTL8111 Rev. E chipset provides improved compatibility with Intel Series 6 chips
- Supports Pair Swap / Polarity / Skew Correction

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	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab PCI Express Base Specification 2.0
Chipset ID	Realtek - RTL8111E PLX - PEX8608

Performance

Maximum Data Transfer Rate	2000 Mbps (full-duplex), 1000 Mbps (half-duplex)
Buffer Size	48 KB
Compatible Networks	10/100/1000 Mbps



Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Supported Protocols	IEEE 802.1Q VLAN tagging, IEEE 802.1P Layer 2 Priority Encoding and IEEE 802.3x Full Duplex Flow Control

Connector(s)

Connector Type(s)	PCI Express x1
External Ports	RJ-45

Software

OS Compatibility	Windows 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64), 2000 Windows Server 2012, 2008 R2, 2003 Mac OS 10.4 to 10.10 Linux
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Special Notes / Requirements

System and Cable Requirements	Available PCI Express slot
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Indicators

LED Indicators	Yellow - Gigabit Mode Green - Link/Activity
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Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

Physical Characteristics

Product Length	3.6 in [92 mm]
Product Width	0.6 in [16 mm]
Product Height	2.7 in [68 mm]



Weight of Product 1.9 oz [54 g]

Packaging Information

Package Length 8.9 in [22.5 cm]

Package Width 6.3 in [16 cm]

Package Height 1.6 in [40 mm]

Shipping (Package) Weight 6.7 oz [190 g]

What's in the Box

Included in Package PCIe Network Card

Low Profile Bracket

Driver CD

Instruction Manual

****Product appearance and specifications are subject to change without notice.***

