

## Dual Port Gigabit Network Server Adapter NIC Card 2 Port

**Product ID:** ST1000SPEXDP



This dual port PCIe 10/100/1000 Mbps Gigabit Ethernet Network Adapter Card provides two Gigabit Ethernet ports and is fully compatible with IEEE 802.3/u/ab standards.

Suitable for any PCI Express-enabled client, server or workstation, the Gigabit Ethernet Network Adapter Card supports high performance dual channel networking and maximum data transfer speeds of 1000Mbps in each direction (2000 Mbps total) - up to 10 times faster than 10/100 Ethernet.

Compatible with a broad range of operating systems, including Linux, Windows 98SE, ME, 2000, XP, XP-64bit, Vista, Vista-64bit, 7, 7-64bit, and Mac OS 10.4/10.5/10.6, this high quality PCIe Gigabit NIC includes an optional low profile bracket that makes it easy to install the card in a small form factor/low profile computer case/server.

## Certifications, Reports and Compatibility

### Applications

- Add 2 Ethernet ports to a workstation or server computer from a single PCIe slot
- Connect to 2 separate networks simultaneously
- Install dual networking capabilities into a small form factor or other space-constrained computer system

### Features

- Two 10/100/1000Mbps compatible RJ-45 Ethernet ports
- Jumbo Frame support

- On-chip 48KB Big Transmit/Receive Buffer Support
- 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
- Supports Wake-on-LAN and Remote Wake-up Support, Pair Swap/Polarity/Skew Correction
- Crossover Detection & Auto-Correction (Auto MDI/MDI-X)
- Includes a low profile installation bracket

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#### Hardware

Warranty	2 Years
Ports	2
Interface	RJ45 (Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Realtek - RTL8111C

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#### Performance

Maximum Data Transfer Rate	1000 Mbps (uni-directional), 2000 Mbps (bi-directional)
Buffer Size	48 KB
Compatible Networks	10/100/1000 Mbps
Full Duplex Support	Yes

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#### Connector(s)

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

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#### Software

OS Compatibility	Windows 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), CE 5.0/4.2, 2000, ME, 98SE
	Windows Server 2012, 2008 R2, 2003(32/64)
	Mac OS 10.4 and up (Intel-based - Tested up to 10.9)
	Linux Kernel 2.4.x and up



SCO OpenServer 5.0.7/ 6

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**Indicators**

LED Indicators	Link and Active LED's
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**Environmental**

Operating Temperature	0 to 55C (32 to 131F),10% to 90% relative humidity (non-condensing)
Storage Temperature	-40 to 75C (-40 to 167F),5% to 95% relative humidity (non-condensing)

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**Physical Characteristics**

Product Length	4.3 in [11 cm]
Product Width	2.9 in [74 mm]
Weight of Product	7.1 oz [200 g]

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**Packaging Information**

Package Length	8.7 in [22 cm]
Package Width	5.9 in [15 cm]
Package Height	1.6 in [40 mm]
Shipping (Package) Weight	8.8 oz [250 g]

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**What's in the Box**

Included in Package	2 Port PCI Express Network Card
	Instruction Manual
	Low Profile Bracket
	Driver CD

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

