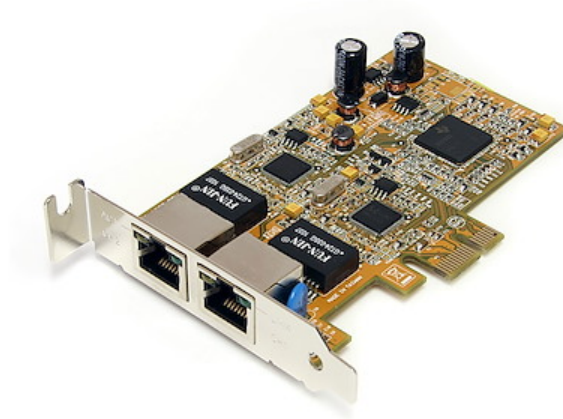


## Low Profile Dual Port Gigabit Network Server Adapter NIC Card

**Product ID:** ST1000SPEXD2



The ST1000SPEXD2 Dual Port PCIe Gigabit Ethernet Network Server Adapter Card (Low Profile) provides two 10/100/1000 Mbps capable Ethernet ports and is fully compatible with IEEE 802.3/u/ab standards.

Suitable for any PCI Express-enabled client, server or workstation, the 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.

This low profile-compatible server network card supports features such as Jumbo Frames, VLAN tagging and Wake on LAN (WOL), and includes an optional full profile bracket that makes it easy to install the card in either a small form factor/low profile or full/standard 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 48 KB 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 MDIX)
- Includes full and low profile installation brackets

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#### Hardware

Warranty	2 Years
Ports	2
Interface	RJ45 (Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
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
Auto MDIX	Yes
Full Duplex Support	Yes

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#### Connector(s)

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)
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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

0C to 55C (32F to 131F)

Storage Temperature

-20C to 75C (-4F to 167F)

Humidity

10% ~ 90% RH (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

PCIe Network Adapter

Full Profile Bracket

Driver CD

Instruction Manual

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