

## 4-Port PCIe Gigabit Network Adapter Card

**Product ID:** ST1000SPEX43



Now you can add four separate Gigabit network ports to your client, server or workstation through just one PCI Express slot, to provide connectivity to multiple networks without draining your budget.

This 4-port network card delivers powerful connectivity for your business, corporate or government office environment, with support for high-performance, 4-channel networking and a maximum throughput of up to 1000Mbps in each direction (2000 Mbps total). The network adapter card features the Realtek RTL8111G chipset, which is designed to deliver the performance and enhanced capabilities you need for reliable network connections to your server or computer.

This versatile quad-port network card is ideal for many business applications requiring upgrades to servers or workstations, adding feature-rich Gigabit networking with four independent ports. Compatible with a broad range of operating systems, this cost-effective PCIe Gigabit NIC is suitable for many SMB and Enterprise applications such as virtualized environments that require multiple NICs (check your VM software for chipset compatibility).

The ST1000SPEX43 is backed by a StarTech.com 2-year hardware warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Provides simultaneous access to multiple networks for desktop PC clients, servers, and workstations that have a limited number of PCI Express slots available
- Maximizes the number of RJ45 ports within a system or high-end workstations and servers
- Ideal for VM environments with multiple operating systems, requiring shared or dedicated NICs
- Provides redundant connectivity to ensure an uninterrupted network connection

## Features

- Add four independent Gigabit RJ45 ports to connect to multiple networks for high-bandwidth workstations and servers
- Realtek RTL8111G chipset for reliable performance
- Supports full-duplex flow control
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab networks
- Supports autonegotiation with next-page capacity
- Crossover detection and auto-correction (Auto-MDIX)
- Up to 9K jumbo frame support
- Support for IEEE 802.1Q VLAN tagging and IEEE 802.1P layer 2 priority encoding
- Microsoft NDIS5 checksum offload (IP, TCP, UDP) and large send offload support

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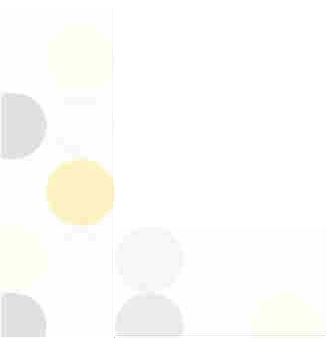
## Hardware

|                    |  |
|--------------------|--|
| Warranty           | 2 Years  |
| Ports              | 4  |
| Interface          | RJ45 (Gigabit Ethernet)                              |
| Bus Type           | PCI Express  |
| Card Type          | Standard Profile                                     |
| Industry Standards | Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab |
| Chipset ID         | Realtek - RTL8111G                                   |

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## Performance

|                            |                        |
|----------------------------|------------------------|
| Maximum Data Transfer Rate | 2000Mbps (Full Duplex) |
| Compatible Networks        | 10/100/1000 Mbps       |
| Auto MDIX                  | Yes                    |
| Full Duplex Support        | Yes                    |
| Jumbo Frame Support        | 9K max.                |



Promiscuous Mode Yes

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**Connector(s)**

Connector Type(s) PCI Express x4

External Ports RJ-45

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**Software**

OS Compatibility Windows XP, 7, 8, 8.1, 10  
Windows Server 2003, 2012, 2016, 2019  
Linux Kernel 2.4.x to 4.11.x <i>LTS Versions only</i>

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**Special Notes / Requirements**

System and Cable Requirements Available PCI Express x4 or higher (x8, x16) slot

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**Indicators**

LED Indicators Link  
Activity

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**Environmental**

Operating Temperature 0C to 55C (32F to 131F)  
Storage Temperature -40C to 75C (-40F to 167F)  
Humidity 5% ~ 95% RH

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**Physical Characteristics**

Color Yellow  
Material Steel  
Product Length 5.4 in [13.8 cm]  
Product Width 4.7 in [12 cm]  
Product Height 0.7 in [18 mm]  
Weight of Product 3.4 oz [95 g]

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**Packaging Information**



|                           |                  |
|---------------------------|------------------|
| Package Length            | 5.7 in [14.5 cm] |
| Package Width             | 8.2 in [20.9 cm] |
| Package Height            | 1.6 in [40 mm]   |
| Shipping (Package) Weight | 6.5 oz [184 g]   |

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**What's in the Box**

|                     |                                    |
|---------------------|------------------------------------|
| Included in Package | PCIe Gigabit network card - 4 port |
|---------------------|------------------------------------|

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

