



**THE DATASHEET OF
ST1000SPEX43**



4-Port PCIe Gigabit Network Adapter Card - TAA

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 RTL8111H 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 RTL8111H 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

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 - RTL8111H

Performance

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

Connector(s)

Connector Type(s)	1 - PCI Express x4
External Ports	4 - RJ-45

Software

OS Compatibility	Windows XP, 7, 8, 8.1, 10, 11 Windows Server 2003, 2012, 2016, 2019 Linux Kernel 2.4.x and up - LTS Versions only
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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	4 - Link 4 - 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

Physical Characteristics

Color	Yellow
Material	Steel
Product Length	5.4 in [13.8 cm]
Product Width	4.7 in [12.0 cm]

Product Height	0.7 in [1.8 cm]
Weight of Product	3.2 oz [92 g]

Packaging Information

Package Quantity	1
Package Length	8.3 in [21.0 cm]
Package Width	5.7 in [14.5 cm]
Package Height	1.6 in [4.1 cm]
Shipping (Package) Weight	6.6 oz [188.0 g]

What's in the Box

Included in Package	1 - PCIe Gigabit network card - 4 port
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Warranty Information

Warranty	2 Years
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****Product appearance and specifications are subject to change without notice.***

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