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Spec Sheet

4-Port PCIe Gigabit Network Adapter Card

StarTech 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.

Reliable connectivity to multiple networks

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.

A versatile and cost-effective solution

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.

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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
- Wake-on-LAN and remote wake-up support
- 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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Technical Specifications

Warranty	2 Years
Color	Yellow
Product Height	0.1 in [1.6 mm]
Product Length	5.4 in [138 mm]
Product Weight	3.5 oz [100 g]
Product Width	4 in [102 mm]
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Realtek RTL8111G
Industry Standards	Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Interface	RJ45 (Gigabit Ethernet)
Ports	4
Auto MDIX	Yes
Compatible Networks	10/100/1000 Mbps
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Maximum Data Transfer Rate	2000Mbps (Full Duplex)
Connector Type(s)	1 - PCI Express x4 Male
External Ports	4 - RJ-45 Female
OS Compatibility	Windows® 10 (32/64), 8, 8.1 , 7, Vista, XP, 2000, ME, 98SE Windows Server® 2012, 2003 (32/64) Linux Kernel 2.4.x and up
System and Cable Requirements	Available PCI Express x4 or higher (x8, x16) slot
LED Indicators	4 - Link
LED Indicators	4 - Activity
Humidity	5% ~ 95% RH
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-40°C to 75°C (-40°F to 167°F)
Shipping (Package) Weight	7.1 oz [200 g]
Included in Package	1 - PCIe Gigabit network card - 4 port

Certifications, Reports and Compatibility