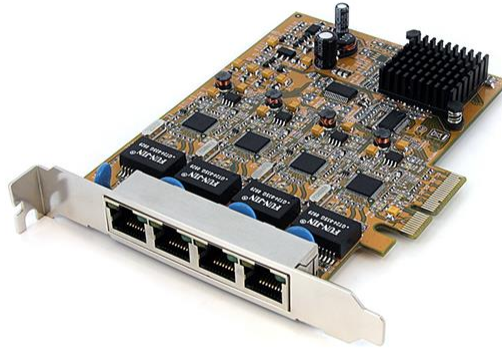


4 Port PCI Express Gigabit Ethernet NIC Network Adapter Card

Product ID: ST1000SPEX4



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

Suitable for any PCI Express x4 enabled client, server or workstation, the Gigabit Ethernet Network Adapter Card supports high performance four channel networking and maximum data transfer speeds up to 1000Mbps in each direction (2000 Mbps total) - up to ten times faster than 10/100 Ethernet.

Compatible with a broad range of operating systems, including Windows 2000, XP, Vista, 7, Server 2003, Server 2008 R2, WinCE (4.2/ 5.0) and Linux (Redhat Enterprise, SCO, FreeBSD, etc...), this high quality PCIe Gigabit NIC is suitable for many SMB and Enterprise applications and is backed by a StarTech.com 2-year hardware warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Specially designed for any slot-constrained desktop PC clients, servers, and workstations with a PCI Express slot.
- Idea for VM environments with multiple Operating requiring shared or dedicated NICs
- Provide redundant connectivity to ensure an uninterrupted network connection

Features

- Auto-sensing, self-configuring 10/100/1000 Mbps performance
- Support for IEEE 802.1Q VLAN tagging and IEEE 802.1P Layer 2 Priority Encoding

- Crossover Detection & Auto-Correction (Auto MDIX)
- Fully Compliant with IEEE 802.3 IEEE 802.3u and IEEE 802.3ab
- Four independent 10/100/1000 RJ45 Ethernet ports
- Microsoft NDIS5 Checksum Offload (IP, TCP, UDP) and Large send Offload Support
- On-chip 48KB Transmit/Receive Buffer
- Supports Full Duplex Flow Control (IEEE 802.3x)
- Jumbo Frame support
- Supports Pair Swap/Polarity/Skew Correction
- PCI Express base specification 1.1 compliant
- Supports PCI Message Signaled Interrupt (MSI)
- Wake-on-LAN and Remote Wake-up 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 - RTL8111C

Performance

Maximum Data Transfer Rate	1000Mbps
Buffer Size	48 KB
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes



MTBF 117,500 Hours

Connector(s)

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

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

Indicators

LED Indicators Green - Link LED
Yellow - Activity LED

Environmental

Operating Temperature 0C to 55C (32F to 131F)
Storage Temperature -20C to 85C (-4F to 185F)
Humidity 5~95% RH

Physical Characteristics

Product Length 5.5 in [14 cm]
Product Width 4.0 in [10.2 cm]
Product Height 0.7 in [18 mm]
Weight of Product 8.8 oz [250 g]

Packaging Information

Package Length 9.1 in [23 cm]
Package Width 1.7 in [44 mm]
Package Height 6.4 in [16.3 cm]



Shipping (Package) Weight	8.5 oz [240 g]
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**What's in the
Box**

Included in Package	Driver CD
	Instruction Manual
	4 Port PCI Express Network Card

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

