1 Port PCI Express PCIe Gigabit Network Server Adapter NIC Card - Dual Profile

StarTech ID: ST1000SPEX2

The ST1000SPEX2 PCIe Gigabit Ethernet Network Card adds a 10/100/1000 Mbps compatible RJ45 Ethernet port to a PCI Express-enabled client, server or workstation, providing a convenient addition or replacement networking interface.

Compliant with IEEE 802.3/u/ab standards, and with support for 9K Jumbo Frames, VLAN tagging and Wake on LAN (WOL), this versatile Gigabit NIC/Server Adapter delivers rock-solid performance.

Plus, the card includes both full profile and low profile/half-height installation brackets for installation in a wide range of computer/server chassis, regardless of form factor.

The ST1000SPEX2 network card is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Applications

- Upgrade 10/100 Ethernet capability to Gigabit capability
- Add an Ethernet port to a workstation or server computer, for redundancy or bridging
- Add networking capabilities to an old system with no Ethernet port

Features

- A single 10/100/1000Mbps compatible RJ45 Ethernet port
- Gigabit detection and Link/Activity LED indicators
- Fully Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3x and IEEE 802.3ab standards
- Supports IEEE 802.1Q VLAN tagging, IEEE 802.1P Layer 2 Priority Encoding and IEEE 802.3x Full Duplex Flow Control
- Jumbo frame support
- Full and half duplex support
- Supports Wake-on-LAN function
- Crossover Detection & Auto-Correction (Auto MDI/MDI-X)
- Includes a low profile/half-height installation bracket

Technical Specifications

Warranty	2 Years
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab
Chipset ID	Realtek RTL8111E
Connector Type(s)	1 - PCI Express x1 Male
External Ports	1 - RJ-45 Female
Maximum Data Transfer Rate	1000 Mbps
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
MTBF	376,212 Hours
Supported Protocols	CSMA/CD
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), 2000 Windows Server® 2012, 2008 R2, 2003(32/64) Mac OS® 10.x (Intel based, tested up to 10.9) Linux 2.4.x and later (Tested up to 3.5)
System and Cable Requirements	Available PCI Express expansion card slot
Product Length	2.7 in [67.9 mm]
Product Width	4.7 in [120.3 mm]
Product Height	0.7 in [18 mm]
Product Weight	1.4 oz [40 g]
LED Indicators	1 - Gigabit Detect (Yellow)
LED Indicators	1 - Link/Activity (Green)
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	0°C to 100°C (32°F to 212°F)
Humidity	10% ~ 90% RH
Shipping (Package) Weight	4.2 oz [120 g]
Included in Package	1 - Gigabit Ethernet PCI Express Card
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD

Certifications, Reports and Compatibility

CE

FC

works with
Linux

X
works with
Mac OS X
Mavericks

RoHS Compliant
Available

works with
Windows7

works with
Windows
Server 2012

works with
Windows8