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 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
Chipset ID	Realtek RTL8111E
Ports	1
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
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
Supported Protocols	CSMA/CD
OS Compatibility	Windows 2000/ XP (32/64-bit)/ Server 2003 (32/64-bit)/ Server 2008 R2/ Vista (32/64-bit)/ 7 (32/64-bit)/ 8 (32/64-bit) Mac OS X (Intel based, tested up to 10.8) Linux
Product Height	3.1 in [80 mm]
Product Length	4.7 in [120 mm]
Product Weight	1.3 oz [36 g]
Product Width	0.8 in [20 mm]
LED Indicators	1 - Gigabit Detect (Yellow)
LED Indicators	1 - Link/Activity (Green)
Humidity	10% ~ 90% RH
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	0°C to 100°C (32°F to 212°F)
System and Cable Requirements	Available PCI Express expansion card slot
Shipping (Package) Weight	4.1 oz [115 g]
Included in Package	1 - Gigabit Ethernet PCI Express Card
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

CE

FC

RoHS Compliant
Available

works with
Windows 7

works with
Windows Vista

works with
Windows 8