



StarTech ID: ST1000SPEX2L



The ST1000SPEX2L Low-Profile PCIe Gigabit 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.

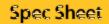
Compliant with IEEE 802.3/u/ab standards, and with support for 9K Jumbo Frames, VLAN tagging and Wake on LAN (WOL), this versatile Gigabit NIC/Server Adapter offers effective network performance.

The card comes pre-configured with a low-profile/half-height installation bracket and includes a standard profile bracket for installation in a wide range of computer/server chassis, regardless of form factor.

Backed by a 2-year StarTech.com warranty and free lifetime technical support.

## **Applications**

- Upgrade from 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)





## **Technical Specifications**

Warranty 2 Years

Ports 1

Interface RJ45 (Gigabit Ethernet)

Bus Type PCI Express

Card Type Low Profile (SP 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

External Ports 1 - RJ-45 Maximum Data Transfer Rate 1000 Mbps

Compatible Networks 10/100/1000 Mbps

Auto MDIX Yes
Full Duplex Support Yes
Jumbo Frame Support 9K max.
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 2.8 in [70 mm]
Product Width 0.7 in [18 mm]
Product Height 1.9 in [49 mm]
Product Weight 1.1 oz [30 q]

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 4.5 oz [127 g]

Included in Package 1 - Gigabit Ethernet PCI Express Card

Included in Package 1 - Standard Profile Bracket

Included in Package 1 - Driver CD

Included in Package 1 - Instruction Manual





Certifications, Reports and Compatibility















