

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

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 |
| Bus Type | PCI Express |
| Card Type | Low Profile (SP bracket incl.) |
| Chipset ID | Realtek RTL8111E |
| Industry Standards | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab |
| Interface | RJ45 (Gigabit Ethernet) |
| Ports | 1 |
| Connector Type(s) | 1 - PCI Express x1 |
| External Ports | 1 - RJ-45 |
| Auto MDIX | Yes |
| Compatible Networks | 10/100/1000 Mbps |
| Full Duplex Support | Yes |
| Jumbo Frame Support | 9K max. |
| Maximum Data Transfer Rate | 1000 Mbps |
| 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 Height | 1.9 in [49 mm] |
| Product Length | 2.8 in [70 mm] |
| Product Weight | 1.1 oz [30 g] |
| Product Width | 0.7 in [18 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) |
| 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

