

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

Product 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.

Certifications, Reports and Compatibility



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

| | | |
|-------------------------------------|-------------------------------|---|
| Hardware | Warranty | 2 Years |
| | Bus Type | PCI Express |
| | Card Type | Standard Profile (LP bracket incl.) |
| | Chipset ID | Realtek - RTL8111H |
| | Industry Standards | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab |
| | Interface | RJ45 (Gigabit Ethernet) |
| | Ports | 1 |
| Performance | Auto MDIX | Yes |
| | Compatible Networks | 10/100/1000 Mbps |
| | Full Duplex Support | Yes |
| | Jumbo Frame Support | 9K max. |
| | Maximum Data Transfer Rate | 1000 Mbps |
| | MTBF | 376,212 Hours |
| | Promiscuous Mode | Yes |
| | Supported Protocols | CSMA/CD |
| Connector(s) | Connector Type(s) | 1 - PCI Express x1 Male |
| | External Ports | 1 - RJ-45 Female |
| Software | OS Compatibility | Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Mac OS X® 10.6 to 10.9 Linux 2.4.x to 4.11.x <i>LTS Versions Only</i> |
| Special Notes / Requirements | System and Cable Requirements | Available PCI Express expansion card slot |
| Indicators | LED Indicators | 1 - Gigabit Detect (Yellow) 1 - Link/Activity (Green) |
| | | |
| Environmental | 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) |
| Physical Characteristics | Product Height | 0.7 in [1.8 cm] |
| | Product Length | 2.7 in [67.9 mm] |
| | Product Width | 4.7 in [12 cm] |
| | Weight of Product | 1.3 oz [38 g] |

| | | |
|------------------------------|---------------------------|---------------------------------------|
| Packaging Information | Package Height | 1.3 in [32 mm] |
| | Package Length | 6.7 in [17.1 cm] |
| | Package Width | 5.6 in [14.2 cm] |
| | Shipping (Package) Weight | 4.4 oz [126 g] |
| What's in the Box | Included in Package | 1 - Gigabit Ethernet PCI Express Card |
| | | 1 - Low Profile Bracket |
| | | 1 - Driver CD |
| | | 1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.