

# 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

<b>Hardware</b>	Warranty	2 Years
	Bus Type	PCI Express
	Card Type	Standard Profile (LP 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
<b>Performance</b>	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
<b>Connector(s)</b>	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	1 - RJ-45 Female
<b>Software</b>	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS X® 10.6 to 10.9 Linux 2.4.x to 4.4.x <i>LTS Versions Only</i>
<b>Special Notes / Requirements</b>	System and Cable Requirements	Available PCI Express expansion card slot
<b>Indicators</b>	LED Indicators	1 - Gigabit Detect (Yellow) 1 - Link/Activity (Green)
<b>Environmental</b>	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)
<b>Physical Characteristics</b>	Product Height	0.7 in [18 mm]
	Product Length	2.7 in [67.9 mm]
	Product Weight	1.4 oz [40 g]
	Product Width	4.7 in [120.3 mm]

<b>Packaging Information</b>	Shipping (Package) Weight	4.2 oz [120 g]
<b>What's in the Box</b>	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.