

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

**Product ID:** ST1000SPEX2L



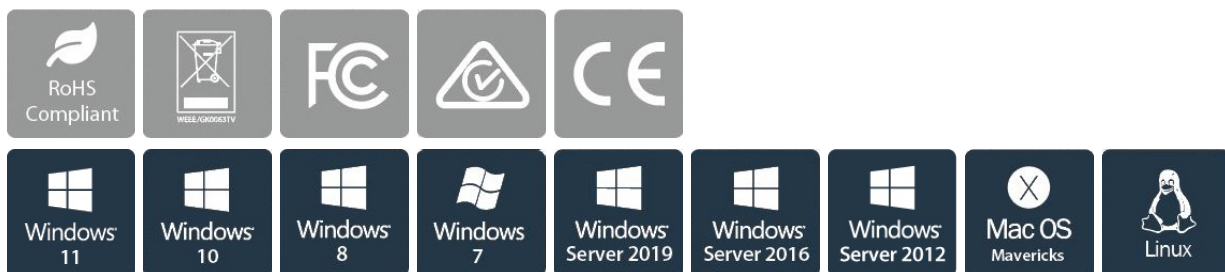
The ST1000SPEX2L Low-Profile PCIe Gigabit Network Card adds a 10/100/1000 Mbps compatible RJ45 Ethernet port to a PCI Express-enabled client, server or workstation, providing a convenient addition or replacement networking interface.

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.

### Certifications, Reports and Compatibility



### 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)

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## Hardware

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 - RTL8111

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## Performance

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
<b>Connector(s)</b>		
	Connector Type(s)	1 - PCI Express x1
	External Ports	1 - RJ-45
<b>Software</b>		
	OS Compatibility	Windows 2000, XP, Vista, 7, 8, 8.1, 10, 11 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Mac OS X 10.6 to 10.9, Linux 2.4.x and up - <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>Power</b>		
	Input Voltage	12V DC
	Output Voltage	12V DC
<b>Environmental</b>		
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	0C to 100C (32F to 212F)
	Humidity	10% ~ 90% RH
<b>Physical Characteristics</b>		
	Color	Black
	Material	Steel
	Product Length	2.6 in [6.5 cm]
	Product Width	0.0 in [0.1 cm]
	Product Height	1.7 in [4.4 cm]

Weight of Product	1.1 oz [30.0 g]
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**Packaging Information**

Package Quantity	1
Package Length	6.6 in [16.8 cm]
Package Width	5.7 in [14.4 cm]
Package Height	1.3 in [3.2 cm]
Shipping (Package) Weight	4.5 oz [128.0 g]

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**What's in the Box**

Included in Package	1 - Gigabit Ethernet PCI Express Card
	1 - Standard Profile Bracket
	1 - Instruction Manual

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***\*Product appearance and specifications are subject to change without notice.***