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)

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

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

Connector(s)

	Connector Type(s)	PCI Express x1
	External Ports	RJ-45

Software

	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 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	Gigabit Detect (Yellow)
		Link/Activity (Green)
Environmental		
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	0C to 100C (32F to 212F)
	Humidity	10% ~ 90% RH
Physical Characteristics		
	Color	Black
	Material	Steel
	Product Length	2.8 in [70 mm]
	Product Width	0.7 in [18 mm]
	Product Height	1.9 in [49 mm]
	Weight of Product	1.0 oz [27 g]
Packaging Information		
	Package Length	5.7 in [14.4 cm]
	Package Width	6.8 in [17.3 cm]
	Package Height	1.2 in [31 mm]
	Shipping (Package) Weight	4.4 oz [125 g]

What's in the Box

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

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