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
	Ports	1
	Interface	RJ45 (Gigabit Ethernet)
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab
	Chipset ID	Realtek - RTL8111

Performance

	Wake On Lan	Yes
	Maximum Data Transfer Rate	1000 Mbps
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes

Full Duplex Support	Yes	
Jumbo Frame Support	9K max.	
Promiscuous Mode	Yes	
MTBF	376,212 Hours	
Supported Protocols	CSMA/CD	

Connector(s)

Connector Type(s)	1 - PCI Express x1	
External Ports	1 - 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 and up - LTS Versions only

Special Notes / Requirements

System and Cable Requirements	Available PCI Express expansion card slot

Indicators

LED Indicators	1 - Gigabit Detect (Yellow)
	1 - Link/Activity (Green)

Power

Input Voltage	12V DC
Output Voltage	12V DC

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	2.6 in [6.6 cm]	
Product Width	1.7 in [4.2 cm]	
Product Height	4.7 in [12.0 cm]	
Weight of Product	1.3 oz [38.0 g]	

Packaging Information

Package Quantity	1	
Package Length	5.6 in [14.3 cm]	
Package Width	5.6 in [14.3 cm]	
Package Height	1.3 in [3.2 cm]	
Shipping (Package) Weight	3.3 oz [94.0 g]	

What's in the Box

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

Warranty Information

Warranty	2 Years	

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