1 Port PCI Express PCIe Gigabit Network Server Adapter NIC Card - Dual Profile
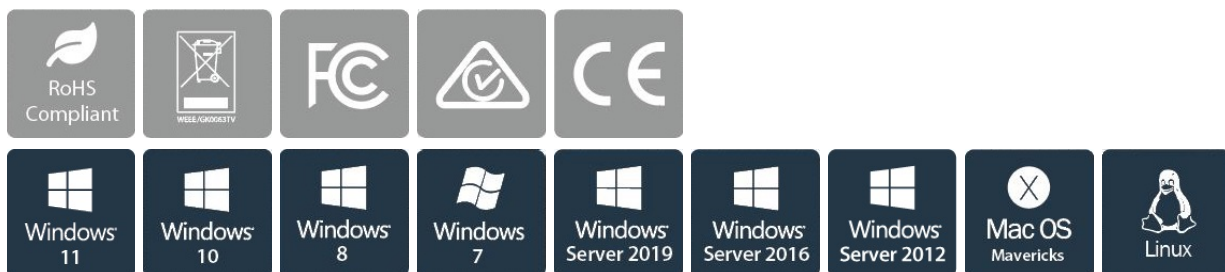
Product ID: ST1000SPEX2

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

	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 - <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)

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	2.7 in [6.8 cm]
	Product Width	4.7 in [12.0 cm]
	Product Height	0.7 in [1.8 cm]
	Weight of Product	1.3 oz [38.0 g]

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	4.2 oz [120.0 g]

What's in the Box

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

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