

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)	PCI Express x1
External Ports	RJ-45

Software

OS Compatibility	Windows 2000, XP, Vista, 7, 8, 8.1, 10 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>
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Special Notes / Requirements

System and Cable Requirements	Available PCI Express expansion card slot
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Indicators

LED Indicators	Gigabit Detect (Yellow) Link/Activity (Green)
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Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	0C to 100C (32F to 212F)
Humidity	10% ~ 90% RH

Physical Characteristics

Material	Steel
Product Length	2.7 in [67.9 mm]
Product Width	4.7 in [12.0 cm]
Product Height	0.7 in [18 mm]
Weight of Product	1.3 oz [38 g]

Packaging Information

Package Length	6.7 in [17.1 cm]
Package Width	5.6 in [14.2 cm]
Package Height	1.3 in [32 mm]



Shipping (Package) Weight	4.4 oz [126 g]
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**What's in the
Box**

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

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

