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Data Sheet

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

	Warranty	2 Years
Hardware	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Realtek - RTL8111H
	Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab
	Interface	RJ45 (Gigabit Ethernet)
	Ports	1
Performance	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Data Transfer Rate	1000 Mbps
	MTBF	376,212 Hours
	Promiscuous Mode	Yes
	Supported Protocols	CSMA/CD
Connector(s)	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	1 - RJ-45 Female
Software	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS X® 10.6 to 10.9 Linux 2.4.x to 4.11.x *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)
Environmental	Humidity	10% ~ 90% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	0°C to 100°C (32°F to 212°F)
Physical Characteristics	Product Height	0.7 in [18 mm]
	Product Length	2.7 in [67.9 mm]
	Product Weight	1.3 oz [38 g]
	Product Width	4.7 in [120.3 mm]

Packaging Information	Shipping (Package) Weight	4.4 oz [126 g]
What's in the Box	Included in Package	1 - Gigabit Ethernet PCI Express Card 1 - Low Profile Bracket 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.