

1 Port PCI Express PCIe Gigabit NIC Server Adapter Network Card - Low Profile

Product ID: ST1000SPEX2L



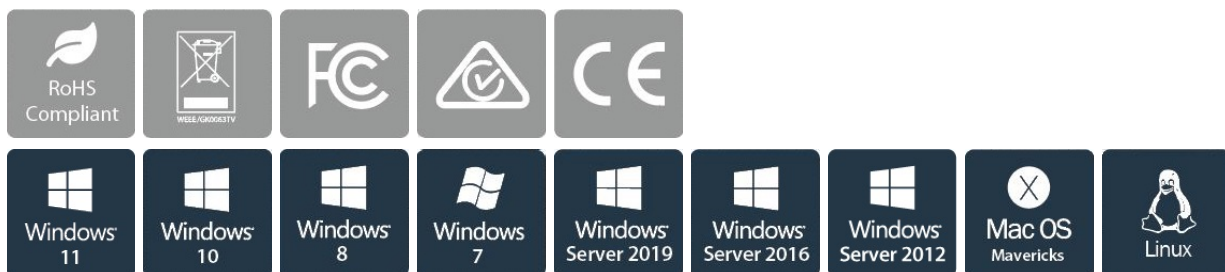
The ST1000SPEX2L Low-Profile PCIe Gigabit Network Card adds a 10/100/1000 Mbps compatible RJ45 Ethernet port to a PCI Express-enabled client, server or workstation, providing a convenient addition or replacement networking interface.

Compliant with IEEE 802.3/4/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

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.
	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]

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