

1 Port PCI Express Gigabit Ethernet NIC Network Adapter Card

StarTech ID: ST1000SPEX



This PCI Express based Gigabit Ethernet Network Adapter Card offers a versatile solution that allows servers and desktop PCs to connect to a Gigabit network through a PCIe slot, providing full Gigabit bandwidth capacity with the dedicated bandwidth of the connected PCI Express bus to provide dependable connectivity.

Fully compliant with the 10/100/1000 Mbps IEEE 802.3 specification, this PCIe Gigabit NIC provides a maximum transfer speed of 1000Mbps (bidirectional - 2000Mbps total) - ensuring a high performance network connection. This adapter also offers 10/100/1000Mbps data rate auto-negotiation and full duplex operation that helps to optimize connection speeds and provide efficient performance.

The network adapter is compatible with Linux, Windows® 2000, XP, XP-64bit, Server 2003, Server 2003-64-bit, Vista, Vista-64, 7, 7-64bit operating systems and includes full-height and low profile screw-on brackets for installation in standard, small/micro form factor computer cases as well as 1U and 2U servers.

Applications and Solutions

- Add an additional Ethernet port to a workstation or server computer for redundancy or bridging
- Upgrade a computers 10/100 Ethernet port to a 1000 compatible port
- Add networking capabilities to an old system with no Ethernet port

Features

- A single 10/100/1000Mbps compatible RJ45 Ethernet port
- Network Link/Activity and 10/100/1000 Mbps LED indicators
- Fully Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3x, and IEEE 802.3ab
- 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 installation bracket

Technical Specifications

- Warranty: 2 Year warranty
- Auto MDIX: Yes
- Bus Type: PCI Express
- Chipset ID: Realtek RTL8111B
- Connector Types: 1 - RJ45 Female
- Full Duplex Support: Yes
- Product Height: 3.64 in [92.5 mm]
- LED Indicators: 2 - 100 Link/Active LED (Green) Gigabit Link/Active LED (Green)
- Product Length: 4.72 in [120 mm]
- Maximum Data Transfer Rate: 1000 Mbps
- Number of Ports: 1
- Operating Temperature: 0 degrees Celcius to 50 degrees Celcius
- Supported Protocols: CSMA/CD
- Carton Quantity: 80
- Storage Temperature: 20 degrees Celcius to 70 degrees Celcius
- Shipping (Package) Weight: 1.88 lb [0.85 kg]
- Product Weight: 1.59 oz [45 g]
- Product Width: 0.83 in [21 mm]
- OS Compatibility: Windows 2000/ XP(32/64bit)/ Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, and Linux

