1 Port PCI 10/100/1000 32 Bit Gigabit Ethernet Network Adapter Card

*StarTech ID: ST1000BT32*

This PCI-based 10/100/1000 Mbps Gigabit Ethernet Network Adapter Card provides a simple connection to a Gigabit Ethernet network, and is fully compatible with IEEE 802.3, 802.3u, 802.3ab and 802.3x standards.

Suitable for any PCI-enabled client, server or workstation, the Gigabit Ethernet Network Adapter Card supports high performance dual channel networking and maximum data transfer speeds of 1000Mbps in each direction (2000 Mbps total) - up to ten times faster than 10/100 Ethernet.

Compatible with a broad range of operating systems, including Linux, Windows 98SE, ME, 2000, XP, XP-64bit, Vista, Vista-64bit, 7, 7-64bit as well as Mac OS 10+, this high quality PCI Gigabit NIC includes an optional low profile bracket that makes it easy to install the card in a small form factor/low profile computer case/server.

**Applications**

- Add an additional Ethernet port to a workstation or server computer for redundancy
- 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, and supports IEEE 802.1Q VLAN tagging
- 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
Lifetime

Ports
1

Bus Type
PCI / PCI-X (5 / 3.3V)

Card Type
Standard Profile (LP bracket incl.)

Industry Standards
IEEE 802.3, IEEE 802.3ab, IEEE 802.11u
PCI 2.1, 2.2

Chipset ID
Realtek - RTL8110SC

Connector Type(s)
1 - PCI / PCI-X (Universal 3.3 & 5V; 32-bit) Male

External Ports
1 - RJ-45 Female

MTBF
36,000 Hours

Maximum Data Transfer Rate
1000 Mbps

Compatible Networks
10/100/1000 Mbps

Full Duplex Support
Yes

Supported Protocols
CSMA/CD

OS Compatibility
Windows 98SE/ ME/ NT/ 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit)
Netware Server 5.x, Netware ODI for DOS
Linux and Unix

Product Length
123 mm [4.8 in]

Product Width
20 mm [0.8 in]

Product Height
63 mm [2.5 in]

Product Weight
54 g [1.9 oz]

LED Indicators
1 - 10/100/1000 Mbits/sec Link/Activity

Operating Temperature
0°C to 55°C (32°F to 131°F)

Humidity
10% ~ 95% RH

Note
IRQ Line & I/O Address allocated by system

Package Quantity
1

Shipping (Package)
0.1 kg [0.3 lb]

Weight

Included in Package
1 - Gigabit Ethernet PCI Card

Included in Package
1 - Low Profile bracket

Included in Package
1 - Driver CD

Included in Package
1 - Instruction Manual
Certifications, Reports and Compatibility

CE
FC
RoHS Compliant Available
works with Windows 7
works with Windows Vista
works with Windows 8