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

Product 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 10, 8/8.1, ME, 2000, XP, XP-64bit, Vista, Vista-64bit, 7, 7-64bit as well as Mac OS 10.4, 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.

Certifications, Reports and Compatibility

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

Hardware

	Warranty	Lifetime
	Ports	1
	Interface	RJ45 (Gigabit Ethernet)
	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

Performance

	Maximum Data Transfer Rate	1000 Mbps
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	MTBF	36,000 Hours
	Supported Protocols	CSMA/CD

Connector(s)

Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V, 32-bit)
External Ports	1 - RJ-45

Software

OS Compatibility	Windows NT, ME, 2000, XP, Vista, 7, 8, 8.1, 10, 11
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
	Netware Server 5.x, Netware ODI for DOS
	Linux 2.6.x and up - <i>LTS Versions only</i>
	Mac OS X 10.4

Special Notes / Requirements

Note	IRQ Line & I/O Address allocated by system

Indicators

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

Environmental

Operating Temperature	0C to 55C (32F to 131F)
Humidity	10% ~ 95% RH

Physical Characteristics

Color	Black
Material	Steel
Product Length	4.8 in [12.3 cm]
Product Width	0.8 in [2.0 cm]
Product Height	2.5 in [6.3 cm]
Weight of Product	1.9 oz [53.0 g]

Packaging Information

Package Quantity	1
Package Length	6.6 in [16.8 cm]
Package Width	5.6 in [14.2 cm]

	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	4.8 oz [136.0 g]

What's in the Box

	Included in Package	1 - Gigabit Ethernet PCI Card
		1 - Low Profile bracket
		1 - Driver CD
		1 - Instruction Manual

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