

## 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

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#### 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

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#### 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

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#### Connector(s)

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

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#### 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
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Netware Server 5.x, Netware ODI for DOS

Linux 2.6.x to 4.11.x, Unix

Mac OS X 10.4

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**Special Notes / Requirements**

Note	IRQ Line & I/O Address allocated by system
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**Indicators**

LED Indicators	10/100/1000 Mb/s Link/Activity
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**Environmental**

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

Color	Black
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Material	Steel
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Product Length	4.8 in [12.3 cm]
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Product Width	0.8 in [20.0 mm]
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Product Height	2.5 in [63.0 mm]
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Weight of Product	1.9 oz [53.0 g]
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**Packaging Information**

Package Quantity	1
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Package Length	5.6 in [14.3 cm]
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Package Width	6.7 in [17.0 cm]
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Package Height	1.2 in [30.0 mm]
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Shipping (Package) Weight	5.0 oz [142.0 g]
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**What's in the Box**

Included in Package	Gigabit Ethernet PCI Card
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Low Profile bracket

Driver CD

Instruction Manual

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

