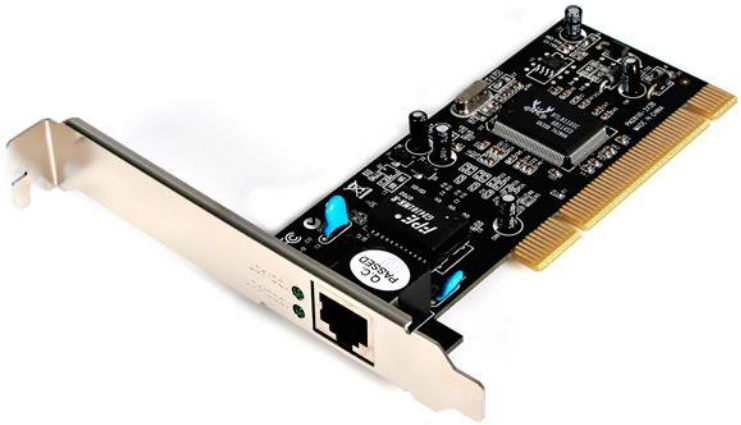
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Data Sheet

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

	Warranty	Lifetime
Hardware	Bus Type	PCI / PCI-X (5 / 3.3V)
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Realtek - RTL8110SC
	Industry Standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.11u PCI 2.1, 2.2
	Interface	RJ45 (Gigabit Ethernet)
	Ports	1
Performance	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Maximum Data Transfer Rate	1000 Mbps
	MTBF	36,000 Hours
	Supported Protocols	CSMA/CD
Connector(s)	Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V, 32-bit) Male
	External Ports	1 - RJ-45 Female
Software	OS Compatibility	Windows® NT, ME, 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Netware Server 5.x, Netware ODI for DOS Linux 2.6.x to 4.11.x, Unix 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	Humidity	10% ~ 95% RH
	Operating Temperature	0°C to 55°C (32°F to 131°F)
Physical Characteristics	Product Height	2.5 in [63 mm]
	Product Length	4.8 in [123 mm]
	Product Weight	1.9 oz [53 g]
	Product Width	0.8 in [20 mm]
Packaging Information	Package Quantity	1
	Shipping (Package) Weight	5 oz [142 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.