

# NC1000TX-G

## 10/100/1000Mbps Gigabit Ethernet PCI Bus Adapter



## INTRODUCTION

The new NC1000TX-G Adapter is an exciting new 10/100/1000Mbps high speed Gigabit Ethernet Adapter. This model is equipped with an Auto-Negotiation function that automatically supports data transmission bandwidths ranging from 10Mbps - 2000Mbps. This function smoothly and automatically switches drivers between 1000Mbps, 100Mbps and 10Mbps, Full or Half-Duplex, LAN connections. The Adapter runs in 32-bit bus master mode. The NC1000TX-G comes with drivers for all major operating systems.

## FEATURES

- ▶ Support IEEE 802.3, 802.3u, and 802.3ab standards
- ▶ IEEE 802.3x Full-Duplex Flow Control support.
- ▶ IEEE 802.1p Layer 2 priority queuing support.
- ▶ IEEE 802.1q Virtual LAN (VLAN) Tag and Jumbo Frame support.
- ▶ PCI v2.2 32 bit, 33/66 MHz Bus compliant.
- ▶ Auto-Negotiation support for Auto-Detect 10/100/1000Mbps data rate and Full/Half-Duplex operation mode.
- ▶ Automatic crossover support for crossover or regular cable.
- ▶ Wake-on-LAN and remote Wake-up support.

# PRODUCT SPECIFICATION

Fiber Mode	Single-Mode
Standards	1000BASE-T: IEEE 802.3ab 100BASE-TX: IEEE 802.3u 10BASE-T: IEEE 802.3
Bus Type	PCI-Bus specification revision 2.2
Network Interface	One (1) shielded RJ-45 phone-type jack
Network Modes Supported	1000BASE-T: 4 pair Category 5 TP cable required 100BASE-TX: 2 pair Category 5 TP cable required 10BASE-T: 2 pair Category 3, 4, and 5 TP supported Full-Duplex available in three modes
LED indicators	Four green LEDs support for display 1000Link, 100Link, 10Link, Activity status
Environment	Operating Temperature: 0° ~ 55° C (32° ~ 131°F) Storage Temperature: -20° ~ +70° C (-4° ~ 158°F) Humidity: 10% ~ 90% Non -Condensing
Dimensions	119.9 x 51 mm (4.72 x 2 inches)

## APPLICATIONS

- ▶ Included drivers for:
- ▶ Windows 98/98SE/ME/NT4.0/2000/XP
- ▶ Linux kernel 2.2.x/2.4.x
- ▶ Novell Server 4.x/5.x
- ▶ MAC OSX (Version 10.1.x/10.2.x)
- ▶ FreeBSD 4.x
- ▶ Solaris 7/8
- ▶ Novell Client for DOS

