

1000BASE-T Gigabit PCI Bus LAN Adapter

The upward compatibility of the GN-1200TC with wild spread 10BASE-T/100BASE-TX network cards enables straightforward introduction of Gigabit environment to existing Fast Ethernet environment. The need of costly changes is eliminated. The GN-1200TC comes with a low-profile bracket.

- >> Windows 98SE
- >> Windows 2000
- >> Windows NT
- >> PCIBus
- >> Flow Control
- >> Windows Me
- >> Windows XP
- >> DOS/V
- >> AutoNegotiation
- >> Linux Ready!

Feature

>> High-speed 1000BASE-T Gigabit

The product supports 1000BASE-T Gigabit, thus can secure the broad transmission band required for access to the server, increasing proportionally to the growing number of clients. The problem of network bottle neck is resolved, and the network environment with superb response becomes a reality.

>> Upward compatibility with 10BASE-T/100BASE-TX

The traditional, widely used 10BASE-T/100BASE-TX is supported. Adoption of the cutting-edge technology is achieved without costly changes to existing network and with a minimum of fuss.

>> Auto-Negotiation enabled

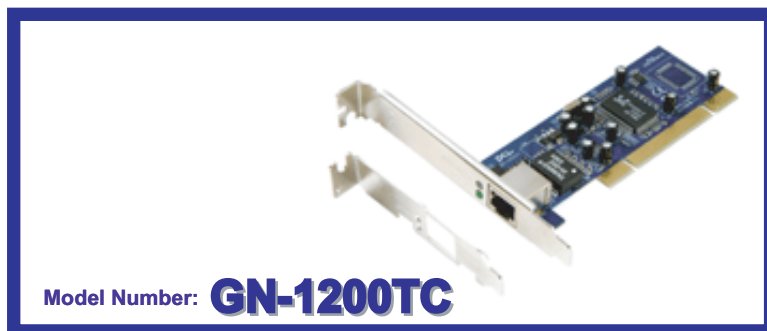
The built-in Auto-Negotiation feature automatically selects the best data transfer rate (10/100/1000Mbps) and mode (Full/Half Duplex) for communication between the switch and another networking device.

>> AUTO MDI/MDI-X support

The Auto MDI/MDX function that automatically detects the straight and crossing cable types is supported. Troubles caused by an improper wire connection can be prevented.

>> Flow Control

The product achieves highly reliable and much more efficient data transfer as the on-board Flow Control function (IEEE802.3x in full duplex mode, Back Pressure in half duplex mode) prevents the occurrence of overflow, a state in which packets sent and received in excess of buffer memory capacity are destroyed.



>> Supplied with a Low-Profile Bracket

The adapter comes with a low-profile bracket. Simply replace the default bracket with the low-profile bracket to install the adapter into any low-profile (small-footprint) PC.

Specifications

Model Number	GN-1200TC
Standards Conformance	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Full Duplex Flow Control IEEE802.1Q VLAN (DriverVer1.01) IEEE802.1p QoS (DriverVer1.01) PCI Bus Ver2.2/2.1
Transmission Speed	10Mbps/100Mbps/1000Mbps
Bus Type	PCI Rev2.2/2.1 compliant 32bit Bus Master
Data Transfer Mode	Half/Full Duplex/Auto Negotiation
ACPI	Supported
Cable	Enhanced Category 5 UTP Cable Category 6 UTP Cable
Auto MDI/MDI-X	Supported
Controller	Realtek 8169S
LED	10M,100M,1000M, Link/Act
Supported models	PC/AT compatible models with PCI Bus(DOS/V)
Supported OS	Windows XP/Me/98SE/2000/NT4.0
Supported Linux*	Redhat Linux8.0*
Power Consumption	2W Max
Operating Temperature	0 to 55 degrees Celsius
Operating Humidity	35 to 85% (non-condensing)
Dimensions	121(W) x 45(D)mm *Size of the PCB main board
Weight	55g
EMI	FCC Class B, VCCI Class B, CE
Package Contents	GN-1200TC, Driver CD-ROM, User's manual, Low-Profile Bracket