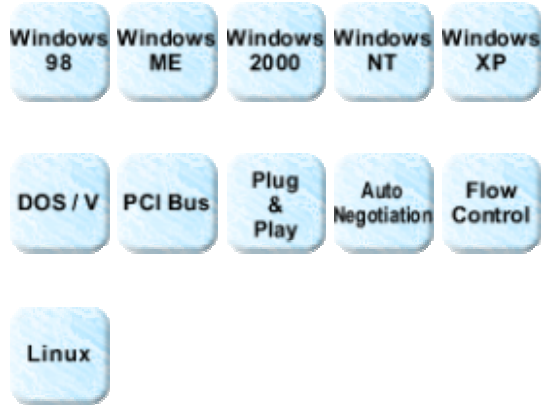


## GN-1200TC 10Base-T/100BaseTX/1000Base-T 32bit Gigabit LAN Adapter



### ► Feature

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.

#### ■ 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.

► Specification

Model Number	GN-1200TC
<b>Supported Standards</b>	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Full Duplex Flow Control IEEE802.1Q VLAN ( <a href="#">DriverVer1.01</a> ) IEEE802.1p QoS ( <a href="#">DriverVer1.01</a> ) PCI Bus Ver2.2/2.1
<b>Transmission Speed</b>	100Mbps/1000Mbps CSMA/CD (10BASE-T is not supported )
<b>Bus Type</b>	Compliant with PCI Rev2.2 64/32bit Bus master
<b>Data Transfer Mode</b>	NationalSemiconductor DP83820
<b>ACPI</b>	100 / 200 Mbps (Half Duplex / Full Duplex) 1000 / 2000 Mbps (Half Duplex / Full Duplex)
<b>Cables</b>	Enhanced Category 5 UTP cable Category 6 UTP cable with RJ-45 connector
<b>Auto-MDI/MDI-X</b>	IBM PC/AT compatibles with PCI Bus
<b>Controller</b>	Realtek 8169S
<b>LED</b>	10M,100M,1000M, Link/Act
<b>Supported OS</b>	Windows NT4.0 ,Windows 95/98/2000/Me/XP
<b>Support Linux*</b>	Redhat Linux 8.0*
<b>Power Consumption</b>	2W Max.
<b>Operating Temperatures</b>	0 - 55 degrees Celsius
<b>Operating Humidity</b>	35 to 85% (non-condensing)
<b>Dimensions</b>	121(W) x 45(D)mm *Size of the PCB main board
<b>Weight</b>	55g
<b>EMI</b>	FCC Class B,VCCI Class B,CE

Product View

