

GE-2032R

32-bit 1000Base-T Gigabit Ethernet Adapter

High Performance and Affordable Gigabit Solution

With the advent of the GE-2032R gigabit Ethernet adapter, the foundation to build a high performance and very affordable all Gigabit network for your home and office is realized. Designed with 32-bit PCI interface, it can work be installed in all desktop PCs. With up to 2000Mbps throughput in full duplex mode, sharing files and multi-media device over network is just as fast as using your own PC. Best of all, it uses the same Cat.5 cable and is compatible with all the 10/100Mbps devices. Moreover, the RJ-45 is equipped with auto-MDI/MDI-X function to eliminate all the cabling hassles. 802.1P/Q Priority and Tag VLAN support is provided for advance users.



Solution for Digital Media age

In the age of digital media, the computer has become the storage center for DV, DVD video, and digital pictures. Furthermore, the majority of the worldwide TV format will turn to HDTV and other digital standard in the next few years. The demand for faster network will increase dramatically. Gigabit Ethernet will make playing DVD quality video over the network a reality. In addition, copy Gigabytes of data over network will no longer be a time consuming process. With the GE-2032R, building a network capable of fast large file sharing and real time play back of high quality audio/video is simple and affordable.

Network File Transfer Performance

	100Mbps	Gigabit
10 Gigabyte file transfer	14 minutes*	80 seconds*

*Performance measured using Netcom's Smartbit 2000.
Actual figure varies with CPU speed, Disk subsystem, Operating System, and Network loading.
The number should be taken for its relative values

Video Bandwidth Requirement

	VCD	DVD
Resolution(PAL)	352x288	720x576
Bandwidth(Mbps) at 32bit, 25FPS	81Mbps	332Mbps



Specification

Standards:

- IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3x Full Duplex Flow Control
- IEEE 802.1Q VLAN Tagging PCI Rev.2.2

Bus Type:

- 32-bit PCI Bus Master

Transmission Speed:

- 10/20 Mbps (Half/Full-duplex Ethernet)
- 100/200 Mbps (Half/Full-duplex Fast Ethernet)
- 1000/2000 Mbps (Half/Full-duplex Gigabit Ethernet)

LED Indicator:

- 10M/ACT
- 100M/ACT
- 1000M/ACT
- FDX/Col

Operation System Support:

- Win98, Win98SE, WinME, Win2000, WinNT 4.0, WinXP
- Linux 2.2.x and 2.4.x Kernel (Redhat 6.2, 7.2)
- MAC OSX (10.2.x)
- Novell Netware,
- DosODI
- FreeBSD

Operating Temperature:

- 32 ~ 131° F 0 ~ 55° C

Storage Temperature:

- -4 ~ 176° F -20 ~ 80° C

Humidity:

- 10 ~ 90% RH non-condensing

Dimension (L x W):

- 11.9 x 6.5 cm

Operating Voltage:

- +5V± 5% @ 1.0A maximum.

Ordering Information

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