



## AT-2800TX

### 32 Bit CardBus LAN Adapter

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32 bit CardBus 10/100Mbps  
Ethernet LAN adapter

#### High Performance

Allied Telesyn's new AT-2800TX CardBus adapter card meets the demands of today's high-performance notebook computers for 32 bit PC cards.

Capable of auto-sensing and operating on either a 10T or 100TX network, the AT-2800TX is an Ethernet LAN adapter card for notebooks designed to meet CardBus, the 32-bit high-performance PC Card standard. The CardBus specification provides true 32 bit PCI bus performance in a PC Card format. Unlike the claims of many 10/100 PCMCIA cards, CardBus provides a true 100Mbps network interface. The AT-2800TX uses the CardBus technology to eliminate the interface bottleneck that slowed down older 16 bit PC cards. Notebooks equipped with CardBus are compatible with the AT-2800TX, as well as older PCMCIA cards.

#### CardBus Defined

Providing higher levels of performance than 16 bit PC cards, 32 bit CardBus cards take advantage of internal bus speeds four to six times faster than their predecessors. CardBus PC Cards adopt the well-established PC Card form, providing for a compact, rugged card that can be inserted completely within its host computer without any external cabling.

Because CardBus attains the same high-level performance of the host platform's internal system bus, it's an ideal way to add 100Mbps LAN, SCSI II, video conferencing, or other high-performance capabilities to the notebook form factor.

#### Superior Support

Allied Telesyn backs the AT-2800 Ethernet adapter with a lifetime warranty, advance replacement, and free technical support. Two LEDs—indicating link and network activity—assist in troubleshooting. New and enhanced drivers and features are available 24 hours per day via the Web site, BBS, FTP server, or CompuServe.

#### Key Features

- Fast and easy installation with automatic configuration
- Full-duplex operation for increased throughput
- 32 bit PCI Bus mastering architecture increases overall system performance
- Support for latest CardBus operating systems: Windows 95 & Windows 98
- IEEE 802.3 and 802.3u compliant
- PCI 2.1 compliant
- Free technical support
- Lifetime warranty with advance replacement

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## Status Indicators

Link Indicates that a valid connection exists  
Activity Indicates network activity

## PC Interface

Bus Interface PCI 2.1 compliant  
Bus Width 32 bit  
Data Transfer Mode PCI Bus Mastering

## Ethernet Interface

10T Category 3, 4 or 5 with RJ-45/UTP  
100TX Category 5 with RJ-45/UTP

## Programmable Settings

Hardware Interrupts:  
PCI INT#A, supports shared or assigned interrupts

Base I/O Memory Address:  
Assigned by BIOS

## Driver Support

NDIS4.0 Windows 95, Windows 98

## Maximum Cabling Distances

10T 100m  
10Base2 185m

## Reliability

Calculated MTBF > 300,000 hours

## Power Characteristics

Supply +3vDC at 828mW (max)

## Environmental Specifications

Operating Temp. 0°C to 70°C  
Operating Humidity 85% at +55°C

## Physical Characteristics

Dimensions:  
Adapter card 8.5cm x 5.5cm (3.25" x 2.25")  
Weight 181.4g (0.4lbs)

## Standards & Compliance

IEEE 802.2, ISO, ANSI 8802-3

## Electrical/Mechanical Approvals

FCC Class A  
CUL  
CE

## Ordering Information

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USA Headquarters | 19800 North Creek Parkway | Suite 200 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895

European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11

Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

[www.alliedtelesyn.com](http://www.alliedtelesyn.com)

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