AT-2501TX, PCI Fast Ethernet adapter card (available with standard- or low-profile option)

KEY FEATURES

PCI 2.2 compliant

Traffic & troubleshooting LEDs

Support for all popular operating systems

ACPI/Wake On LAN (WOL) support

Advanced diagnostics (AT-Stat)

Advanced installation utility (AT-Setup)

PXE remote booting available with 32 pin PLCC BootROM

Lifetime limited warranty

BEST VALUE & PERFORMANCE

Allied Telesyn's AT-2501TX PCI adapter is a best value solution to today's 10/100Mbps LAN access requirements. With a single 10/100Mbps auto-sensing port, network administrators need only open a PC case once and install the AT-2501TX card. The PC may then be deployed and re-deployed quickly and cost-effectively, connecting to either 10Mbps or 100Mbps devices on the network.

Allied Telesyn PCI bus adapter cards are designed to get the maximum performance from your PC. By off-loading almost all of the Fast Ethernet networking functions to the adapter card, the CPU in a computer is free to run applications faster. The card also operates in both full and half-duplex modes, allowing the user to double the performance of the network.

FLEXIBILITY & SUPPORT

The AT-2501TX adapter is available in both traditional and new low-profile PCI formats. The new low-profile format uses a smaller 2.5" access slot, rather than the traditional 4.2" slot. Low-profile designs are being adopted by all the major PC manufacturers in order to offer smaller desktop systems with expansion capabilities equivalent to, or better than, previous-generation systems.

The AT-2501TX Fast Ethernet network adapter card supports Microsoft's latest standards, including ACPI, OnNow power management and DMI network management functions. AT-Setup, Allied Telesyn's user-friendly installation utility, simplifies installation under Windows 98, ME, 2000 and XP.

Users of Allied Telesyn adapters can find drivers, firmware updates, other software and documentation at Allied Telesyn's web site free of charge, 24 hours a day. Allied Telesyn's online knowledge base also provides an interactive tool for identifying solutions to customer's technical issues.
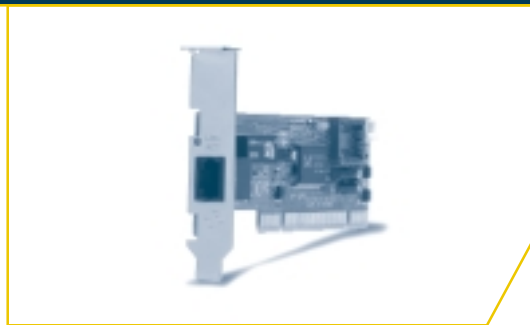
ABOUT ALLIED TELESYN

Allied Telesyn leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

SERVICE & SUPPORT

Allied Telesyn provides value-added support services for its customers under its Net.Cover[SM] programs. For more information on Net.Cover[SM] support programs available in your area, contact your Allied Telesyn sales representative or visit our website.

www.alliedtelesyn.com

ADAPTER CARDS

Allied Telesyn

AT-2501TX, PCI Fast Ethernet Adapter Card

STATUS INDICATORS

Activity	Link	read/write activity on the network
10	On	10Mbps operation
100	On	100Mbps operation

PC INTERFACE

Bus Interface	PCI,2.2 compliant
Bus Width	32 bit
Data Transfer Mode	PCI Bus Mastering

ETHERNET INTERFACE

10T (10Mbps)	2 pair EIA/TIA Category 3,4 or 5
100TX (100Mbps)	2 pair EIA/TIA Category 5

PROGRAMMABLE SETTINGS

Hardware Interrupts	PCI INT#A, supports shared or assigned interrupts
Base I/O Memory Address	Assigned by BIOS
PCI configuration space	supports DWORD,WORD and BYTE access

DRIVER SUPPORT

(Mini Port Drivers)
Microsoft Windows 95, 98, ME, 2000 and XP (MSFT certified), NT4
Macintosh OS 8.51, 8.6, 9.0
Mac OSX 10.1.X and 10.2.X
DOS
Microsoft Windows for Workgroups 3.1,3.11
ODI Server Novell NetWare v3.x,v4.x server, v5.x
ODI Client Novell NetWare DOS Client, Client 32
UNIX Packet Driver SCO System V,Openserver 5.0

BOOTROM SOCKET

32 pin PLCC socket (BootROM ordered seperately)

MAXIMUM CABLING DISTANCES

10T	100m
100TX	100m

RELIABILITY

Calculated MTBF > 300,000 hours

POWER CHARACTERISTICS

Supply 5vDC at 2W (typical)

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. 0°C to 55°C (32°to 131°F)
Operating Humidity 85% at +55°C

PHYSICAL CHARACTERISTICS

Dimensions	12.7cm x 12.1cm (5" x 4.75")
Weight	181.4g (0.4lbs)

Half size form factor

AT-2501TX/LP low profile card
Dimensions   5.7cm x 12cm (2.2" x 4.7")

STANDARDS COMPLIANCE

IEEE 802.2, 802.3u, ISO, IEC 8802-3

ELECTRICAL/MECHANICAL APPROVALS

FCC/EN55022 Class B
UL/TUV
EN55024
CE

ORDERING INFORMATION

AT-2501TX
Fast Ethernet adapter for 10T and 100TX

AT-2501TX/L
Low profile Fast Ethernet adapter
for 10T and 100TX

20 packs are available for additional savings

AT-BP2501
BootROM

Allied Telesyn