Allied Telesis®

AT-2501TX
PCI Fast Ethernet Adapter Card

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

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

Best Value & Performance

Allied Telesis' AT-2501TX PCI adapter is a best-value solution to today's 10/100Mbps LAN access requirements. By providing a single 10/100Mbps auto-sensing port, network administrators don't need to worry about swapping out network cards. PCs can be quickly and cost-effectively deployed and re-deployed, connecting to either 10Mbps or 100Mbps devices on the network.

Allied Telesis' PCI bus adapter cards are designed to get the maximum performance from your PC. By sending most of the Fast Ethernet networking functions to the adapter card, the computer's CPU is free to run applications faster. The card also operates in both full- and half-duplex modes, allowing users to double network performance.

Flexibility & Support

The AT-2501TX adapter is available in both the traditional 4.2" PCI slot and the new low-profile 2.5" slot. All major PC manufacturers are adopting the low-profile designs in order to offer smaller desktop systems with improved expansion capabilities over 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 Telesis' user-friendly installation utility—also simplifies installation with Windows 98, ME, 2000, and XP.

Users of Allied Telesis adapters can find drivers, firmware updates, software, and documentation at Allied Telesis' Web site free of charge, 24 hours per day. Allied Telesis' online knowledge base also provides an interactive tool for identifying solutions to customers' technical issues.

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

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 separately)

Maximum Cabeling 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

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20-packs are available for additional savings

AT-BP2501
BootROM

Connecting The (IP) World

Allied Telesis