

AT-2701FX

PCI 32-bit Fast Ethernet Fiber Network Interface Card



AT-2701FX

100Mbps Fast Ethernet fiber interface card

Choice and Flexibility

Resistant to signal degradation, snooping, and interference, the AT-270 IFX is the ideal solution for networks requiring protection from electrical interference and hackers. The small footprint—together with the low-profile option of the AT-270 IFX—make these products a perfect choice for PCs equipped with small desktop solutions.

Advanced Manageability

Allied Telesis' AT-270 IFX features a full-line of card assistant software:

- AT-Setup reduces Window Driver installation to a mouse click. This Windows program guides users through driver installation, updates, and problem corrections.
- AT-Stat is an advanced Windows application that reports network conditions and performance such as hardware resources, network statistics, and configuration.
- The VLAN protocol driver allows network administrators to configure their VLAN network fabric at the PC instead of the switch, enabling transparent movement of systems between switches.
- TCP/IP checksum off-loading improves CPU
 use by verifying TCP/IP traffic checksums at the
 interface card rather than at the host processor,
 improving overall system performance for
 slower PCs.
- Packet prioritization enables Windows applications with Class of Service capabilities to prioritize out-bound packet streams to these NICs, a useful feature for video streaming and VoIP where interruptions are unacceptable.
- The AT-2701FTX's onboard Managed Boot Agent (MBA) provides a wide set of industrystandard boot protocols, including PXE, NetWare NCP/IPX, IBM's RPL, traditional DHCP, and BOOTP, supporting both BBS (BIOS Boot Specification) and non-BBS compliant PCs. It also includes an extensive set of utilities for boot ROM configuration, as well as access to pre-OS and network boot image files.
- Offering a wide range of connector choices— ST, SC, or MT-RJ—these cards meet the requirements of most fiber installations.

Key Features

Management Software

- VLAN support
- Link aggregation
- Failover

Advance Properties

- PCI 2.2 compliant
- Wake-on-LAN (WoL) supported (enabled by default, utility to disable available in firmware)
- Secured transmissions
- · Advanced installation utility
- Advanced diagnostics
- Remote boot (PXE 2.1)
- TCP/IP checksum off-loading
- Priority queuing
- Driver support for popular operating systems including Sun Solaris
- Available with SC, ST, or MT-RJ fiber connections
- Compliant with the Trade Agreement Act
- · Microsoft certified drivers
- RoHS compliant
- Low-profile and standard height brackets included
- IPv6
- Also can be used in PCI-x bus

Allied Telesis www.alliedtelesis.com

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Specifications

Management Features

ACPI 2.0/w0I PXE 2.1 Boot ROM

Bus Type

PCI 2.2

Ethernet Standards

Drivers

Supported

Windows 7
Windows 2008
Windows Vista
Windows Vista 64-bit
Windows XP
Windows XP 64-bit
Windows 2003
Windows 2003 64-bit
Windows 2000
NDIS2
NetWare 6.x
Linux 2.4

Available

Linux 2.6

Windows NT 4 Solaris x86 Solaris Sparc 32-bit Solaris Sparc 64-bit NetWare 5.x

Compliance

ROHS
UL
FCC/EN55022 Class B
TUV
EN55024
CE
C-TICK
VCCI

Connectors

SC
ST
MT-RJ
Optical receive sensitivity (max)
-31dBm
Transmit optical power (min/max)
-19/-14dBm

Environmental Specifications

Operating temperature 0°C to 50°C Storage temperature -25°C to 70°C

Relative humidity 5% to 90% non-condensing

Power

Power consumption 2 Watts @ 3.3v Signaling voltage 3.3/5V

Status Indicators

100 ON 100Mbps link up
Green Full-duplex mode
Yellow Half-duplex mode
Blink Activity
OFF 100Mbps link down

Physical Characteristics

Dimensions 16.8cm x 6.5cm (W x H) (6.7") x (2.6")

Ships with low profile bracket attached to interface card. Standard bracket is included in packaging.

Network Type

100FX

Network Controller

AMD AM79C976

Ordering Information

AT-2701FX/AA-xxx

100Mbps Fast Ethernet dual fiber interface card

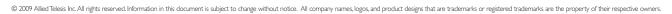
Where AA = ST, SC, or MT-RJ

Where xxx = 001 for single pack

901 for single pack, compliant with Trade Agreements Act

Ships with low profile bracket attached to interface card. Standard bracket is included in packaging.

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