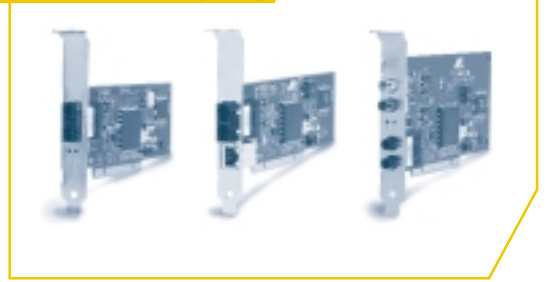


## AT-2701FX/FTX & AT-2746FX, Fast Ethernet Fiber Network Interface Cards (NIC)

**AT-2701FX**, 100Mbps Fast Ethernet fiber Network Interface Card (NIC)

**AT-2701FTX**, 100Mbps Fast Ethernet dual fiber and copper Network Interface Card (NIC)

**AT-2746FX**, 100Mbps Fast Ethernet and 10Mbps Ethernet dual port fiber Network Interface Card (NIC)



### KEY FEATURES

**PCI 2.2 compliant**

**Wake on LAN**

**Secured transmissions**

**Advanced installation utility**

**Advanced diagnostics**

**Managed Boot Agent architecture (MBA)**

**TCP/IP checksum off-loading**

**VLAN support**

**Traffic prioritization**

**Low-profile option**

**1MB FIFO**

**Driver support for popular operating systems**

**Available with SC, ST, MT-RJ, or VF-45 connections**

**User guide**

**Lifetime warranty**

### CHOICE & FLEXIBILITY

Compared to other fiber adapters in the marketplace, which support Wake on LAN (WOL) on either PCI 2.1 or PCI 2.2 systems but not both, these NICs support internal WOL feature through the PCI 2.2 bus, and have the capability to support PCI 2.1 WOL feature by using the external cable.

The AT-2701FX/FTX & AT-2746FX are resistant to signal degradation, snooping and interference, and are ideal for networks that require protection from electrical interference or where security is a concern.

The small footprint, together with the low-profile option (AT-2701FX/FTX), makes these product a perfect choice for PCs equipped with small desktop solutions.

### AT-2701FX/FTX & AT-2746FX come with Allied Telesyn's Card Assistant software:

- Allied Telesyn's AT-Setup makes the Window Driver installation easy with a simple mouse click. This Windows program guides the users through the driver installation, updates, and problem corrections.
- Allied Telesyn's AT-Stat is an advanced Windows application for reporting network conditions and performance such as hardware resources, network statistics and configuration.
- Allied Telesyn's VLAN protocol driver allows network administrators to configure their VLAN network fabric at the PC instead of the switch. This enables transparent movement of systems between switches with no configuration changes.
- TCP/IP Checksum off-loading can improve CPU utilization by verifying TCP/IP traffic checksums at the adapter rather than the host processor. With slower PCs this can improve overall system performance.
- Packet prioritization allows Windows applications with Class of Service capabilities to prioritize out-bound packet streams to these NICs. This feature can be useful with video streaming and VoIP where interruptions may be unacceptable.

The AT-2701FX/FTX & AT-2746FX's onboard Managed Boot Agent (MBA) provides a wide set of industry-standard 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, and access to Pre-OS and network boot image files.

These NICs offer a wide range of connector choices with the options of ST, SC, MT-RJ, or VF-45 connectors covering the requirements of most fiber installations.

### 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<sup>SM</sup> programs. For more information on Net.Cover<sup>SM</sup> support programs available in your area, contact your Allied Telesyn sales representative or visit our website.

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

# AT-2701FX/FTX & AT-2746FX, Fast Ethernet Fiber Network Interface Cards (NIC)

## STATUS INDICATORS

AT-2701FX  
2 LEDs to indicate:  
Link/ACT            On for Link  
                         Blink for Activity  
FDX                    On for Full Duplex  
                         Off for Half Duplex

AT-2701FTX/2746FX  
2 LEDs to indicate:  
10Mbps              On for Link  
                         Blink for Activity  
                         Green for Full Duplex  
                         Yellow for Half Duplex  
100Mbps             On for Link  
                         Blink for Activity  
                         Green for Full Duplex  
                         Yellow for Half Duplex

## PC BUS INTERFACE

Bus Interface        PCI 2.2 Compliant  
Bus Width            32-bit  
Data Transfer Mode  PCI 2.2 Bus Mastering  
Power Management Interface ACPI

## DRIVER SUPPORT

Netware 4.2, 5, and 6  
Windows 95, 98, ME, XP, NT 4, 2000 and 2003  
Linux 2.2, 2.4

## 100MBPS FIBER INTERFACE

Connectors          ST, SC, MT-RJ, or VF-45  
Fiber type            Multi-mode fiber  
Output Power        Minimum: -19dB  
                         Typical: -16.8dBm  
                         Maximum: -14dB  
Receive Sens.        Maximum: -31dB

## UTP INTERFACE

Connector            Shielded RJ-45, MDI

## 10FL

Connectors          ST, SC  
Fiber type            Multi-mode fiber  
Output Power        Minimum: -18.8dB  
                         Typical: -15.8dBm  
                         Maximum: -13.8dB  
Receive Sens.        Maximum: -7.6dB

## SELECTION GUIDE

	100FX	10/100TX	10FL
AT-2701FX	X	-	-
AT-2701FTX	X	X	-
AT-2746FX	X	-	X

## POWER CHARACTERISTICS

1A at 5v

## ENVIRONMENTAL SPECIFICATION

Operating Temp.     0°C to 50°C  
Operating Humidity: 5% to 80% non-condensing  
Storage Humidity:   5% to 95% non-condensing

## PHYSICAL CHARACTERISTICS

AT-2701FX/FTX  
Depth                17.5cm (6.9")  
Height                6.5cm (2.6")  
AT-2746FX  
Depth                17.7cm (7")  
Height                8.3cm (3.3")

## STANDARDS COMPLIANCE

IEEE 802.3u 100FX  
IEEE 802.3u 100TX  
IEEE 802.3j 10FL  
802.1Q/P

## ELECTRICAL/MECHANICAL APPROVALS

FCC/EN55022 class B  
UL  
TUV  
EN55024  
CE

## ORDERING INFORMATION

**AT-2701FX/AA**  
100Mbps Fast Ethernet fiber  
Network Interface Card (NIC)

**AT-2701FX/L/AA**  
100Mbps Fast Ethernet NIC  
Low profile

**AT-2701FTX/AA**  
100Mbps Fast Ethernet  
dual fiber and copper NIC

**AT-2701FTX/L/AA**  
100Mbps Fast Ethernet  
dual fiber and copper NIC  
Low profile

**AT-2746FX/AA**  
100Mbps Fast Ethernet  
10Mbps dual port fiber NIC

Where AA =  
ST, SC, MT-RJ, or VF-45 (for AT-2701FX/FTX)  
SC/SC or ST/SC or ST/ST (for AT-2746FX)

Available in single and 20 packs

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