Allied Telesis

AT-2711FX
Fast Ethernet Fiber Network Interface Cards with PCI-Express

AT-2711FX
   PCI-Express Fast Ethernet Fiber NIC

More Bandwidth with PCI-Express Interface
AT-2711FX x1 PCI-Express (PCI-e™) design gives you the maxim possible bandwidth and bus efficiency, other benefits are: capability and Low Power Consumption.

Easy Migration Path for AT-2701FX Users
For the current customers who are using Allied Telesis' 100Mbps Fiber cards (AT-2701FX), and want to upgrade their systems to PCI-Express, AT-2711FX is the ultimate solution. The customers can continue using their existing 100Mbps Fiber network without adding any more new equipment.

For new customers equipped with PCI-Express systems, AT-2711FX gives them the ability to easily build or connect to the Fast Ethernet Fiber networks.

Advanced Manageability
The priority queuing offered by AT-2711FX can help users set up the network based on their own needs. The comprehensive diagnostics and configuration software suite provides system administrators and engineers with a profound tool to analyze the network adapter and check specific data.

High Reliability
The AT-2711FX Fast Ethernet Fiber Adapter comes with a comprehesive Windows utility that performs detailed tests, diagnostics, and analysis.

Key Features

- PCI-Express x1 interface

- 802.1x Flow Control

- 72KB Packet Buffer

- 802.1p-based Traffic prioritization

- TCP Checksum RX/TX supported

- PXE Remote Root support

- Wake on LAN (WOL)

- Jumbo Packet Support

- Available with SC, ST or MT-RJ multi-mode fiber connections

- Low-profile Option

- Microsoft Certified Drivers

- RoHS Compliant

LED Status Indicators

100	ON	100Mbit/s link up
	OFF	100Mbit/s link down
	Blinking	Activity

PCI-Express Interface

Bus Interface
PCI-Express x1 with a bandwidth of up to 200Mbps
Signaling voltage 3.3V I/Os (5V tolerant)
Full Duplex/Half Duplex Operation
100Base-FX connector (SC, ST or MT-RJ)

Fiber Type	62.5/125um
Output Power	Min -19dBm
	Typical -15.7dBm
	Max -14dBm
Input Optical Power	Typical -33.5dBm

Fiber Type	50/125um
Output Power	Min -22.5dBm
	Typical -20.3dBm
	Max -14dBm
Input Optical Power	Typical -33.5dBm

Driver Support

Windows 2000
Windows XP, 32-bit or 64-bit
Windows 2003, 32-bit or 64-bit
Linux kernel 2.4.x or later
Netware
NDIS2

RoHS Compliant

Technical Specifications
Maximum Cabling Distances

Up to 2000 meters (6,560 ft.) in Full Duplex
Up to 412 meters (1,351 ft.) in Half Duplex

Power Characteristics

Max.   3.6w

Environmental Specifications

Operating Temp:	0°C to 40°C (at full load)
Storage Temp:	-25°C to 70°C
Relative Humidity:	90% RH, non-condensing
Altitude:	10,000 ft.

Physical Characteristics

Dimensions:	6.9cm x 12.1cm
	(2.7" x 4.8")
Weight:	0.12lb (50g)

Standards Compliance

| IEEE 802.3u | Fast Ethernet Standards |
| IEEE 802.1p | Class of Services |

Electrical/Mechanical Approvals

FCC/EN55022 Class B
EN55024 Class B
UL1950
CE
TUV

Ordering Information

AT-2711FXxx-yyy
PCI-Express Fast Ethernet Fiber NIC

Where xx	= SC for multimode SC fiber connector
	= ST for multimode ST fiber connector
	= MT for multimode MT-RJ fiber connector

Where yyy	= 001 for single pack
	= 020 for 20-pack
	= 901 for single pack, Federal and Government
	= 920 for 20-pack, Federal and Government

Ships with standard bracket attached to adapter.
Low-profile bracket is included in packaging.

Connecting The (IP) World

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