



AT-2711FX

Fast Ethernet Fiber Network Interface Cards with PCI-Express

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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 comprehensive 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

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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-271 I FXxx-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.

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