

AT-2711FX

FAST ETHERNET FIBER PCI-EXPRESS NETWORK INTERFACE CARD

The Allied Telesis AT-2711FX Network Interface Card is designed for fiber-to-the-desktop networks that depend on secure and reliable systems. With a small form factor PCIe x1 bus, the AT-2711FX is an ideal fit for government, education or other networks with high security requirements.

High Reliability

The AT-2711FX Fast Ethernet fiber interface card features a comprehensive Windows utility that performs detailed tests, diagnostics, and analysis.

Advanced Manageability

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

More Bandwidth with PCI-Express Interface

The AT-2711FX x1 PCI-Express (PCIe) design provides the maximum possible bandwidth and bus efficiency, while delivering additional benefits such as low power consumption.

Key Features

- » PCIe (PCI-Express) x1 interface
- » IEEE 802.1x flow control
- » IEEE 802.1p-based traffic prioritization
- » TCP checksum RX/TX supported
- » PXE (2.1) remote boot support
- » Wake-on-LAN (WoL) supported (enabled by default, utility to disable available in firmware)
- » Audio/Video Bridging (AVB)
- » Jumbo frame up to 9.6KB
- » Receive-Side Scaling (RSS)
- » MSI and MSI-x
- » Available with LC, SC, ST or MT-RJ multi-mode fiber connections
- » Low-profile and standard height brackets included
- » RoHS compliant
- » IPv6
- » Compliant with Trade Agreement Act
- » SNMP
- » Microsoft certified drivers: Windows Vista, Windows 2008

Easy Migration Path for AT-2701FXa Users

For customers using Allied Telesis 100Mbps fiber cards (AT-2701FXa), the AT-2711FX is the ultimate solution for upgrading to PCI-Express. These customers can continue using their existing 100Mbps fiber network without adding any additional new equipment.

For customers equipped with PCI-Express systems, the AT-2711FX provides the ability to easily build or connect to Fast Ethernet fiber networks.

Hassle-Free Support

All Allied Telesis Network Interface Cards include technical support, ensuring trouble-free installation.



AT-271IFX | Fast Ethernet Fiber PCI-Express Network Interface Card

Specifications

Bus Type

PCIe x 1 v1.1

Interface Standards

IEEE 802.1p	Quality of Service
IEEE 802.1Q	VLAN tag
IEEE 802.1as	1588 Precision Time Protocol (PTP)
IEEE 802.1qat	
IEEE 802.1qau	
IEEE 802.2	LLC
IEEE 802.3ac	MAC
IEEE 802.3u	Fast Ethernet
IEEE 802.3x	Flow control auto-negotiation

Drivers

Windows 8, 64-bit
Windows 8, 32-bit
Windows 7, 64-bit
Windows 7, 32-bit
Windows Vista, 64-bit
Windows Vista, 32-bit
Windows XP, 64-bit
Windows XP, 32-bit
Windows Server 2008
Windows Server 2008 R2
Windows 2003, 64-bit
Windows 2003
NDIS2
Linux 2.6

Management Features

WMI
ACPI 2.0/wOl
PXE 2.1 Boot ROM
SNMP

Connectors

LC, SC, ST, MT-RJ

Optical Specifications

Output receive sensitivity	-31 dBm
Transmit optical power	-19/-14 dBm

Status Indicators

LED	On: link up
	Off: link down
	Blink: activity

Power

Power consumption	2.0 Watts max
Signaling voltage	3.3V

Environmental Specifications

Operating temperature	0°C to 50°C (32°F to 122°F)
Relative humidity	5% to 90% (non-condensing)
Storage temperature	-25°C to 70°C (-13°F to 158°F)

Physical Characteristics

Dimensions (W x H)	7.7 cm x 6.9 cm (3.0 in x 2.7 in)
Weight	50 g (1.76 oz)
Ships with low-profile bracket attached to interface card. Standard bracket included in packaging.	

Maximum Cabling Distances

Up to 2000 m (6,560 ft) in full-duplex
Up to 412 m (1,351 ft) in half-duplex

Network Controller

Broadcom BCM57762

Compliance

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

Ordering Information

AT-271IFXxx-yyy

PCIe x1 (channel) Fast Ethernet fiber Network Interface Card

Where xx = LC connector type
SC connector type
ST connector type
MT connector type

Where xxx = 001 for single pack
901 for single pack, Federal and Government



the solution : the network

North America Headquarters | 19800 North Creek Parkway | Suite 100 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895

Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

EMEA & CSA Operations | Incheonweg 7 | I437 EK Rozenburg | The Netherlands | T: +31 20 7950020 | F: +31 20 7950021

alliedtelesis.com

© 2013 Allied Telesis, Inc. All rights reserved. Information in this document is subject to change without notice. All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners.
617-000186 Rev.1