Allied Telesis™

2711 Series

Fast Ethernet Fiber PCI-Express Network Adapters

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

High Reliability

The 2711 Series Fast Ethernet fiber network adapters feature a comprehesive Windows utility that performs detailed tests, diagnostics and analysis.

Advanced Manageability

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

More Bandwidth with PCI-Express Interface

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

Easy Migration Path for AT-2701FXa Users

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

For customers equipped with PCI-Express systems, the 2711 Series adapters provide the ability to easily build or connect to Fast Ethernet fiber networks.

Hassle-Free Support

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

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

▶ Available with SC and LC single-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 2010

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 802.2	LLC
IEEE 802.3ac	MAC
IEEE 802.3u	Fast Ethernet
IEEE 802.3x	Flow control auto-negotiation

Drivers
Windows 10, 64- or 32-bit
Windows 8, 64- or 32-bit
Windows 7, 64- or 32-bit
Windows Vista, 64- or 32-bit
Windows XP, 64- or 32-bit
Windows Server 2012 R2, 64-bit
Windows Server 2012, 64-bit
Windows Server 2008 R2, 64- or 32-bit
Windows Server 2008, 64- or 32-bit
Windows Server 2003, 64- or 32-bit
NDIS2
Linux 2.6

Management Features
WMI
ACPI 2.0/wOI
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	0ºC to 50ºC (32°F to 122°F)
Relative humidity	5% to 90% (non-condensing)
Storage temperature	-25ºC to 70ºC (-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

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

Ordering Information

AT-2711FX/SC-xxx
100FX SC PCIe x1 network adapter

AT-2711FX/ST-xxx
100FX ST PCIe x1 network adapter

AT-2711FX/MT-xxx
100FX MT PCIe x1 network adapter

AT-2711FX/LC-xxx
100FX LC PCIe x1 network adapter

AT-2711LX/SC-xxx
100LX SC PCIe x1 network adapter

AT-2711LX/LC-xxx
100LX LC PCIe x1 network adapter

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