# 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 2701FXa users

For customers using Allied Telesis 100Mbps fiber adapter (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
- ▶ Low-profile and standard height brackets included
- ▶ RoHS compliant
- ▶ IPv6
- ▶ Compliant with Trade Agreement Act
- ▶ SNMP
- ▶ Microsoft-certified drivers: Windows Vista, Windows 2010
- ▶ UEFI

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## 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 7
Windows 10
Windows Server 2019
Windows Server 2016
Linux

### 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 | 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

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