AT-2911SX / AT-2911LX

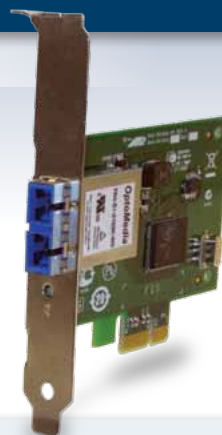## PCI EXPRESS FIBER GIGABIT INTERFACE CARD

Allied Telesis AT-2911 Series Network Interface Cards feature a PCI Express (PCIe x1) design, providing the maximum possible bandwidth and bus efficiency while providing the benefits of low power consumption.

High Reliability

The AT-2911 Series Gigabit interface comes with a comprehensive Microsoft Windows utility which performs detailed tests, diagnostics and analysis.

Advanced Manageability

The priority queuing offered by the AT-2911 Series 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 interface card and check specific data.

Key Features

Management Software
- » VLAN support
- » Link aggregation LACP
- » Link aggregation smart switch
- » Failover

Advanced Properties
- » Jumbo frames
- » Checksum offloading
- » Secure transmissions
- » PCI Express (PCIe x1)
- » Smart load balancing (SLB) and failover

- » Link aggregation (802.3ad)
- » Generic trunking (FEC/GEC) / 802.3ad-Draft static
- » SLB (auto-fallback disable)
- » iSCSI boot support
- » UEFI-Aware operating system support
- » IEEE 802.1x flow control
- » IEEE 802.1p-based traffic prioritization
- » CPU task offload
- » TCP segmentation
- » SNMP

- » IPv6
- » MSI and MSI-X capabilities (up to 17 MSI vectors)
- » Receive Side Scaling (RSS)
- » Transmit Side Scaling (TSS)
- » I/O virtualization support for VMWare, NetQueue and Microsoft VMQ
- » 17 receive queues and 16 transmit queues
- » Low-profile and standard height brackets included
- » Windows XP, Vista, 7 and Linux

Specifications

Management Features
Windows Management Instrumentation (WMI)
PXE 2.1
SNMP
PCI-Express v2.0

Bus Type
PCIe x 1

Ethernet
IEEE 802.1p	Quality of Service
IEEE 802.1Q	VLANs
IEEE 802.2	LLC
IEEE 802.3ac	MAC
IEEE 802.3az	1000SX
IEEE 802.3x	Flow control auto-negotiation
IEEE 802.3z	1000X
IEEE 802.3ad	Link aggregation

Drivers
Windows 7, 64-bit
Windows 7, 32-bit
Windows Vista, 64-bit
Windows Vista, 32-bit
Windows XP, 32-bit
Windows Server 2003, 32-bit
Windows Server 2003, 64-bit
Windows Server 2008
Linux 2.6

Interface Type and Connectors
1000SX/SC Connector
Optical sensitivity	-17 dBm
Output optical power	-9.5/-4 dBm
Wavelength	850 nm

1000SX/LC Connector
Optical sensitivity	-17 dBm
Output optical power	-9.5/-1.5 dBm
Wavelength	850 nm

1000LX/SC Connector
Optical sensitivity	-20 dBm
Output optical power	-9/-3 dBm
Wavelength	1310 nm

1000LX/LC Connector
Optical sensitivity	-20 dBm
Output optical power	-9/-3 dBm
Wavelength	1310 nm

Status Indicators
LED	On	1000Mbps link up
	Off	1000Mbps link down
	Blinking	Activity

Power
Power consumption	9.2 Watts (max)
Signaling voltage	3.3V

Environmental Specifications
Operating temperature	0ºC to 40ºC (32°F to 104°F)
Relative humidity	5% to 90% (non-condensing)
Storage temperature	-25ºC to 70ºC (-13°F to 158°F)

Physical Characteristics
Dimensions (W x H)	8.7 cm x 5.6 cm (3.4 in x 2.2 in)
Weight	700 g (24.69 oz)

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

Ordering Information

AT-2911SX/aa-xxx
PCIe x 1 (channel) fiber Gigabit network interface card

AT-2911LX/aa-xxx
PCIe x 1 (channel) fiber Gigabit network interface card

Where aa = SC or LC connector

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

Ships with low-profile bracket attached to interface card. Standard bracket is included in packaging.