

AT-2911SX / AT-2911LX

PCI EXPRESS FIBER GIGABIT INTERFACE CARD

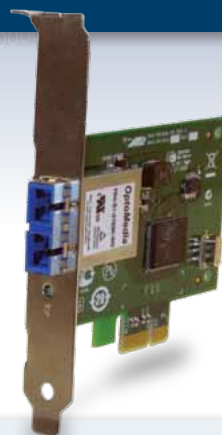
Allied Telesis AT-2911 Series Network Interface Cards feature a PCI Express (PCIe x1) design, providing the maximum possible bandwidth and bus efficiency while providing the benefits of low power consumption.

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

- | | | |
|--|---|--|
| <p>Management Software</p> <ul style="list-style-type: none"> » VLAN support » Link aggregation LACP » Link aggregation smart switch » Failover <p>Advanced Properties</p> <ul style="list-style-type: none"> » Jumbo frames » Checksum offloading » Secure transmissions » PCI Express (PCIe x1) » Smart load balancing (SLB) and failover | <ul style="list-style-type: none"> » 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 | <ul style="list-style-type: none"> » 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 x1

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 | 0°C to 40°C (32°F to 104°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) | 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 x1 (channel) fiber Gigabit network interface card

AT-2911LX/aa-xxx
PCIe x1 (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.