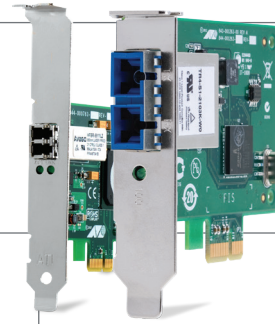


2911 Series

PCI Express Gigabit Network Adapters



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

High reliability

The Allied Telesis 2911 Series Gigabit interface includes a comprehensive Microsoft Windows utility which performs detailed tests, diagnostics and analysis.

Advanced Manageability

The priority queuing offered by the 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 powerful tool to analyze the adapter card and check specific data.

SPECIFICATIONS

Management Features

- Windows Management Instrumentation (WMI)
- PXE 2.1
- 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 Energy-Efficient Ethernet
- IEEE 802.3x Flow control auto-negotiation
- IEEE 802.3z 1000 Base-X
- IEEE 802.3ad Link aggregation
- IEEE 802.3ab 10/100/1000T

Compatible with Drivers:

- Windows 11
- Windows 10
- Windows Server 2022
- Windows Server 2019
- Linux

Interface Type and Connectors

1000SX/ST connector

- Optical sensitivity -17 dBm
- Output optical power -9.5/-4 dBm
- Wavelength 850 nm

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/-4 dBm
- Wavelength 850 nm

Status Indicators

- LED On Link up
- Off Link down
- Blinking Activity

Power

- Power consumption 1.51 to 2.42W (varies by model)
- 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) 8.8 cm x 6.9 cm (3.5 in x 2.7 in)
- Weight 068 kg (.13 lb)

Compliance

- ROHS
- UL
- TUV
- CE
- C-Tick
- EN55035
- EN55032
- ICES
- VCCI
- FCC Class B

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 x 1)
- Smart Load Balancing (SLB) and failover
- Link aggregation (IEEE 802.3ad)
- Generic trunking (FEC/GEC) / IEEE 802.3ad-draft static
- SLB (auto-fallback disable)
- UEFI network boot available upon request
- IEEE 802.1x flow control
- IEEE 802.3az Energy-Efficient Ethernet
- CPU task offload
- TCP segmentation
- IPv6
- MSI and MSI-X capabilities (up to 17 MSI vectors)
- Receive Side Scaling (RSS)
- 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 10, 11, Server 2019, Linux

ORDERING INFORMATION

Single Port Models	
AT-2911SX/ST-901	1000SX ST PCI Express x1 network adapter, TAA ¹
AT-2911SX/SC-901	1000SX SC PCI Express x1 network adapter, TAA ¹
AT-2911SX/LC-901	1000SX LC PCI Express x1 network adapter, TAA ¹
Dual Port Models	
AT-2911SFP/2-901	1G SFP x 2 PCI Express x1 network adapter, TAA ¹
AT-2911T/2-901	100 m, 10/100/1000T x 2 PCI Express x1 network adapter, TAA ¹

¹ Trade Act Agreement compliant

Ships with low-profile bracket attached to network adapter.
Standard bracket is included in packaging.

Supported SFPs	
AT-SPEX	1000EX SFP, LC, MMF, 1310 nm, TAA ¹
AT-SPTXc	1000T SFP, TAA ¹ (1 Gig speed only)
AT-SPSX	1000SX SFP, LC, MMF, 850 nm
AT-SPSX-90	1000SX SFP, LC, MMF, 850 nm, TAA ¹
AT-SPLX10a	1000LX SFP, LC, SMF, 1310 nm (10 km)
AT-SPLX40	1000LX SFP, LC, 40 km, TAA ¹
AT-SPZX120/I	1000ZX, SFP, LC, 120 km, TAA ¹
AT-SPBD10-xx	10 km, 1G, SMF, BiDi, LC
AT-SPBD20LC/I-xx	20 km, 1G, SMF, BiDi, LC, TAA ¹