

Network Interface Cards

PRODUCT INFORMATION

 Allied Telesis™

AT-2972SX

PCI EXPRESS FIBER GIGABIT INTERFACE CARD

Allied Telesis AT-2972SX Series Network Interface Cards feature a PCI Express (PCIe) design, providing the maximum possible bandwidth and bus efficiency together with low power consumption.



High Reliability

The AT-2972SX Gigabit interface card includes a comprehensive Microsoft Windows utility which performs detailed tests, diagnostics and analysis.

Advanced Manageability

The priority queuing offered by the AT-2972SX can help users set up the network based on their own needs. The comprehensive diagnostics and

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)
- » IEEE 802.1x flow control
- » IEEE 802.1p-based traffic prioritization
- » PXE remote boot support

- » CPU task offload
- » TCP segmentation
- » SNMP
- » IPv6
- » Low-profile and standard height brackets included
- » Windows 7, Windows XP, Vista, Linux
- » Microsoft-certified drivers

configuration software suite provides system administrators and engineers

with a profound tool to analyze the interface card and check specific data.

Specifications

Management Features

Windows Management Instrumentation (WMI)
ACPI 1.1
PXE 2.1 Boot ROM
SNMP

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 802.3z	1000SX
IEEE 802.3x	Flow control auto-negotiation
IEEE 802.3ad	Link aggregation

Network Type

1000SX

Network Controller

Broadcom BCM 5715S

Interface Type and Connectors

LC Connector	
Optical input power	-17 dBm (min)
Output optical power	-9.5/-1.5 dBm (min/max)

Drivers

Supported

Windows 7
Windows Vista, 64-bit
Windows Vista, 32-bit
Windows XP, 64-bit
Windows XP, 32-bit
Windows Server 2003, 32-bit
Windows Server 2003, 64-bit
Windows Server 2000
NDIS2
NetWare 6.x
Linux 2.4
Linux 2.6

Status Indicators

LED		
LNK	On	1000Mbps link up
	Off	1000Mbps link down
ACT	Blinking	Activity

Power

Power consumption	9.2 Watts (max)
Signaling voltage	3.3V

Available

Windows NT 4
Solaris x86
Solaris Sparc 32-bit
Solaris Sparc 64-bit
NetWare 5.x

Environmental Specifications

Operating temperature	0°C to 45°C (32°F to 113°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)	9.5 cm x 6.8 cm (3.7 in x 2.7 in)
Weight	700 g (24.69 oz)

Compliance

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

Ordering Information

AT-2972SX-xxx
PCIe x 1 (channel) fiber Gigabit network interface card

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

Ships with standard bracket attached to interface card.
Low-profile bracket is included in packaging.

 Allied Telesis™

the solution : the network

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