AT-2972SX/2

PCI EXPRESS DUAL-PORT 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/2 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/2 can help users set up their 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) x 4
- » 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 XP, Vista, Linux
- » Microsoft-certified drivers

Dual Port Fiber Interfaces

Two LC connectors provide maximum protection against failure. If one link goes down, the other keeps sending data to prevent network down time. The two ports can also be trunked to increase bandwidth in server-type applications.

Specifications

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

Bus Type
PCIe x 4

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)
Optical output power	-9.5/-1.5 dBm (min/max)

Drivers

Supported
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

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

Status Indicators

		per port
LED (2 ports)		
LNK	On	1000Mbps link up
	Off	1000Mbps link down
ACT	Blinking	Activity

Power

Power consumption	9.9 Watts (max)
Signaling voltage	3.3V

Environmental Specifications

Operating temperature	0ºC to 45ºC (32°F to 113°F)
Relative humidity	5% to 90% (non-condensing)
Storage temperature	-25ºC to 70ºC (-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/2-xxx
PCIe x 4 (channel) dual-port fiber Gigabit network interface card

Where xxx =   001 for single pack
020 for 20-pack
901 for single pack, Federal and Government
920 for 20-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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