



## AT-2972SX

### PCI-Express Fiber Gigabit Interface Card

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PCIe x 1 (channel) fiber Gigabit interface card

#### More Bandwidth with PCI-Express Interface

The PCI-Express (PCIe) design gives you the maximum possible bandwidth and bus efficiency. Other benefits are capability and low power consumption.

#### High Reliability

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

#### Advanced Manageability

The priority queuing offered by the AT-2972SX can help you set-up your network based on your own needs. The comprehensive diagnostics and configuration software suite provides system administrators and engineers with a profound tool to analyze the network interface card to check specific data.

#### Key Features

##### Management Software

- VLAN support
- Link aggregation LACP
- Link aggregation smart switch
- Failover

##### Advance Properties

- Jumbo frames
- Checksum offloading
- Secure transmissions
- PCI-Express
- Windows Vista
- IEEE 802.1x flow control
- IEEE 802.1p-based traffic prioritization
- PXE remote boot support
- Low-profile and standard height brackets included
- Microsoft certified drivers
- RoHS compliant
- Load balancing
- CPU task offload
- TCP segmentation
- SNMP
- IPv6
- Compliant with the Trade Agreement Act
- Wake-on-LAN (WoL) supported (enabled by default, utility to disable available in firmware)

# AT-2972SX | PCI-Express Fiber Gigabit Interface Card

## Specifications

### Management Features

WMI  
ACPI 1.1  
PXE 2.1 Boot ROM  
SNMP

### Bus Type

PCIe x1

### Ethernet Standards

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 Supported

Vista  
Vista 64-bit  
Windows XP  
Windows XP 64-bit  
Windows 2003  
Windows 2003 64-bit  
Windows 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

### Compliance

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

### Connectors

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

### Environmental Specifications

Operating temperature 0°C to 50°C  
Storage temperature -25°C to 70°C  
Relative humidity 5% to 90% non-condensing

### Power

Power consumption 9.2 Watts (max)  
Signaling voltage 3.3V

### Status Indicators

LED 2 ports

1000	ON	1000Mbps link up
	OFF	1000Mbps link down

ACT

ON	Receiving/transmitting
OFF	Not receiving/ not transmitting

### Physical Characteristics

Dimensions 9.5cm x 6.8cm  
(W x H) (3.7") x (2.7")

Weight 0.7kg

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

### Network Type

1000SX

### Network Speed

Auto-negotiation

### Network Controller

Broadcom BCM 57155

## Ordering Information

AT-2972SX-xxx

PCIe x1 (channel) fiber Gigabit interface card

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

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USA Headquarters | 19800 North Creek Parkway | Suite 100 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895

European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11

Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

[www.alliedtelesis.com](http://www.alliedtelesis.com)

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