

AT-2972T/2

PCI-Express Dual Port Copper Gigabit Interface Card



AT-2972T/2

PCle x 4 (channels) dual port copper 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-2972T/2 Gigabit interface card comes with a comprehensive Microsoft Windows utility that performs detailed tests, diagnostics and analysis.

Advanced Manageability

The priority queuing offered by AT-2972T/2 can help you set-up your network based on your own needs. The comprehensive diagnostics and configuration software suite provides system adminstrators and engineers with a profound tool to analyze the interface card to check specific data.

Dual Port Copper Interfaces

Two copper port interfaces give you the 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.

Key Features

Management Software

- Virtual cable tester
- VLAN support
- Link aggregation LACP
- · Link aggregation smart switch
- Failover

Advance Properties

- Jumbo frames (9K)
- Checksum offloading
- PCI-Express (PCIe)
- Windows Vista
- IEEE 802.1x flow control
- IEEE 802. I p-based traffic prioritization
- PXE remote boot support
- Wake-on-LAN (WoL)
- · Low-profile and standard height brackets included
- · Microsoft certified drivers
- RoHS compliant
- · Load balancing
- On-board 78KB memory
- CPU task offload
- TCP segmentation
- SNMP
- IPv6

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Specifications

Management Features

ACPL 1.1

PXE 2.1 Boot ROM

SNMP

Bus Type

PCle x4

Ethernet Standards

IEEE 802.lp Quality of Service IEEE 802.1Q **VLANs** IFFF 802.2 HC IEEE 802.3ac MAC IEEE 802.3 10 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit standard

IEEE 802.3x Flow control auto-negotiation

Link aggregation IEEE 802.3ad

IEEE 802.3ab 1000T

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

Chipset Broadcom 5715 **Connectors**

RI-45

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 8.5 Watts (max)

Signaling voltage 3.31

Status Indicators

LED I port

1000 1000Mbps link up OFF 1000Mbps link down

L/A (link/activity) Blinking - activity

Physical Characteristics

Dimensions 16.8cm x 6.8cm $(W \times H)$ (6.7") x (2.7")

Weight 0.05kg

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

Network Type

10/100/1000T

Network Speed

Auto-negotiation 100 full-duplex 100 half-duplex 10 full-duplex 10 half-duplex

Network Controller

Broadcom BCM5715C

Ordering Information

AT-2972T/2-xxx

PCle dual port copper Gigabit interface card

Where xxx = 001 for single pack 020 for 20-pack

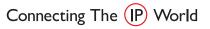
> 901 for single pack, Federal and Government

920 for 20-pack, Federal and Government

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

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