Allied Telesyn

AT-2930T
Gigabit Ethernet Adapter Cards

AT-2930T
Single-port copper
Gigabit Ethernet adapter card
for 32- and 64-bit bus

High Performance
Allied Telesyn's AT-2930T, the single-port copper 10/100/1000 PCI Gigabit Ethernet adapters are designed to match the high bandwidth server and switch connections available in today's sophisticated network environments. Providing ten times the speed of traditional Fast Ethernet adapters, the AT-2930T adapters instantly and cost-effectively improve application response, server reliability, and network scalability.

Application Flexibility
Designed for the 64bit/66MHz bus system—offering the largest data path and the fastest possible data transfer—the standards-based AT-2930T is fully compatible with legacy 32-bit and 33MHz buses, making them fully compatible with Ethernet or Fast Ethernet LANs.

Rich Feature with Easy Connectivity
Combining high performance with rich functionality, the AT-2930T features full-duplex flow control, plug-and-play auto-configuration, and a 48KB internal packet buffer memory supported by 802.1Q VLAN tagging for up to 64 VLANs and 802.1p Layer 2 priority tagging. For the most cost-effective upgrades to existing copper LAN backbones, the AT-2930T meets the challenge. With the plug-n-play feature, it makes your installation easy and quick.

Key Features

• PCI 2.2 compatible

• 10/100/1000T full/half-duplex support

• WMI Compliant (Windows Management Interface)

• Fully IEEE 802.3, 802.3u, 802.3z, and 802.3ab compliant

• Full-duplex flow control

• Wake on LAN

• Plug-and-Play auto-configuration

• Traffic/troubleshooting LEDs

• 24 hour driver update service

• Lifetime warranty

Status Indicators

Active	Indicates receiving packets from network
1000	Indicates Gigabit Ethernet operation
100	Indicates 100MBps Ethernet operation
10	Indicates 10MBps Ethernet operation

PC Bus Interface

Bus Interface:	PCI 2.2 Compliant
	PCI hot plug (OS-dependent)
	PCI bus 32/64-bit, 33/66MHz

Data Transfer Mode:
PCI 64-bit Bus Mastering

Gigabit Ethernet Interface

IEEE 802.3z compatible
1000T (RJ-45 connectors)
Full Duplex and Half Duplex support
Auto negotiation

Hardware Interrupts

Dynamic Interrupt Moderation via PacedPacketBatch Technology.
Hardware based TCP. UDP and IP checksum calculation.

Driver Support

Windows NT 4.0 (x86)
Windows 2000 server, XP server
Windows 98, ME, 2000, XP
Linux server
Netware Server 5 and 6

Power Characteristics

Power Consumption:	14W Max.

Environmental Specifications

Operating Temp.:	10°C to 50°C
Operating Humidity:	30% to 80%

Physical Characteristics

Dimensions:	6.675" x 3.75"
	169.5mm x 95mm
Weight:	0.6 lb
	275g

Standards & Compliance

1000T
IEEE 802.3z/IEEE 802.3ab Gigabit Ethernet
IEEE 802.3z with flow control/auto-negotiation

Electrical/Mechanical Approvals

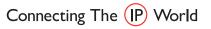|	
Emissions:	FCC Part 15B, Class B; EN 55022 Class B:
	CISPR 22 Class B; VCCI Class 2
Immunity:	EN 50082-1
CE:	Meets the directives for low voltage and EMC
Safety:	UL, CSA, CE, CB

Ordering Information

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Connecting The (IP) World

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