

# TP32: 1P SPP/EPP/ECP Low Profile PCIe Card

- ✓ Full x1 PCI Express Throughput, 250Mbytes/sec
- ✓ Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- ✓ PCI Express Advanced Error Reporting Capability Including ECRC Support
- ✓ Standard Low Profile Form Factor with Short Bracket
- ✓ Supports 1 Parallel Port on PCI Express Bus
- ✓ Fully IEEE 1284 Specifications Compliant
- ✓ Supports SPP, ECP and EPP Modes
- ✓ IRQ Sharing Feature Eliminates IRQ Conflicts
- ✓ Provides one DB25-Female External Connector
- ✓ Works with major types of Parallel I/O peripherals
- ✓ Supports Windows 2000, XP, Linux



## INTRODUCTION

The TP32 is a PCI Express based parallel expansion add-in card to provide a connectivity solution for today's PC systems. It provides dual ultra-high performance bi-directional parallel ports that only share one IRQ from the system.

PCI Express provides a scalable, high-speed, serial I/O bus that maintains backward compatibility with PCI applications and drivers. Its architecture defines a high-performance, point-to-point, scalable, serial bus at speed of 250Mbytes/sec to 4GBytes/sec (and 8Gbytes/sec in the future).

The card is fully PCI Express Plug-and-Play compatible and no IRQ and I/O address conflict problems. The TP32 provides the scalability to quickly adapt to new PCI Express technologies. It allows you to add parallel connectivity as needed. The complete product line offers many choices help you to expand I/O capability with your requirements.

The TP32 equipped one IEEE1284 compliant SPP, EPP and ECP parallel port that fully support the existing Centronics interface. For legacy applications, the PCI resources have been arranged so that the parallel port can be located at standard I/O address.

With its complete hardware and strong OS support, the TP32 is an ideal upgrade to support all Parallel-compatible devices for the rapidly changing desktop computer to preserve

user's investment in Parallel interface.

## SPECIFICATIONS

### System

Fully Compliant with x1 PCI Express Base Specifications 1.0a

### Parallel Port

- One Multi-mode DB25-Female IEEE1284 Compliant SPP/EPP/ECP parallel Port
- Fast data rate up to 1.5Mbytes/sec.
- 16-byte FIFO (parallel)

### I/O Hardware

- One DB25-Female Parallel Connector.
- Standard Low Profile Bracket

### OS Support

Windows 2000, XP and Linux

### Environmental Specifications

- **Operating Temperature:** 0 to 55°C (32 to 131°F), 10% to 90% relative humidity (non-condensing)
- **Storage Temperature:** -40 to 75°C (-40 to 167°F), 5% to 95% relative humidity (non-condensing)

### Form Factor

2.87" x 2.62" (7.28cm x 6.67cm)