

# Express Card (34mm) to PCIx4 Expansion Box

- ✓ Full x1 Express Card Throughput, 250Mbytes/sec
- ✓ Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- ✓ PCI Express Advanced Error Reporting Capability Including ECRC Support
- ✓ Expands 4 PCI 32-bit 33MHZ Slots over PCI Express Slot
- ✓ PCI Slots are fully Compliant PCI Bus Rev. 2.3
- ✓ Supports both 5V and 3.3V Add-in Cards
- ✓ 12VDC AC Power Adapter is Required
- ✓ Metal Case for Critical Applications
- ✓ Extended Virtual Channel (VC) Support Includes a Second VC for Quality-of-Service and Isochronous Applications
- ✓ Active State Link Power Management Support



## INTRODUCTION

The 34mm ExpressCard to Quad PCI Slots Expansion Box is specially designed to expand 4 extra PCI slots from an Express Card Slot. It includes a 34mm Express Card with extension cable, and the slot box itself. The box is powered by a 12VDC AC adapter. It provides instant PCI bus expansion via the an Express Card from Notebook PC.

Express Card (and 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 PCI slots of the box are fully Plug-and-Play compatible and no IRQ and I/O address conflict problems. This Adapter provides the scalability to quickly adapt to new PCI Express technologies for legacy PCI add-in cards. It allows you to add PCI connectivity as needed. The complete product line offer many choices help you to expand and make your I/O resource grow with your requirements.

## SPECIFICATIONS

### System

Fully Compliant with x1 PCI Express Base Specifications 1.0a

### PCI Slots

The Adapter provides 4 PCI Slots. Their key

benefits are:

- Provides four 32-bit/33MHZ PCI Slots
- Fully PCI Specifications 2.3 Compliant
- Supports both 5V and 3.3V Fault Tolerance Option
- Advanced PCI Bus Port Arbitration Options Include 128-phase, Weighted Round-Robin Time-Based and 128-phase, Weighted Round-Robin Aggressive Time-Based
- Advanced PCI Isochronous Windows for Memory Space Mapping to a Specified Traffic Class

### I/O Hardware

**Host Connector:** One 24-pin Connector for PCI Express Host cable

**DC Power Jack:** One DC Jack for 12V AC Adapter Power Input

### 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

8.11x5.39x5.63" (20.60x 13.70x14.30cm)