

CR91 PCIe to PCIx4 Expansion Box

- ✓ 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
- ✓ 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
- ✓ Supports Cable Length up to 2 meters
- ✓ Low Profile Version is Available with Short Bracket PCI Express card
- ✓ 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
- ✓ Wake Event and Beacon Support



INTRODUCTION

The CR91 PCI Express to Quad PCI Slots Expansion Box is specially designed to expand 4 extra PCI slots from a PCI Express Slot. It includes a PCIe adapter card, a cable and the slot box itself. The box is powered by a 12VDC AC adapter. It provides instant PCI bus expansion via the PCI Express Bus (PCIe).

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. The CR91 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 CR91 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)
