

Horntech Inc.

Adapter and Expansion Box

HT-ExpressCard-PCI-Box

ExpressCard to PCIx4 Expansion Box



Introduction

The adapter and expansion box is product line of Horntech Inc. offers many choices to expand and make the I/O resource grow with requirements.

The HT-ExpressCard-PCI-Box Express Card to 4 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 12V DC AC adapter. It provides instant PCI bus expansion via the Express Card from Notebook PC.

Express Card 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 250Mb/s to 4GB/s. The PCI slots of the box are fully Plug-and-Play compatible and no IRQ and I/O address conflict problems. The expansion box 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.

Features

- Full x1 Express Card Throughput, 250Mb/s
- Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- PCI Express Advanced Error Reporting Capability Including ECRC Support
- Expands 4 PCI Slots over PCI Express Slot
- PCI Slots 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 QoS and Isochronous Applications
- Active State Link Power Management
- Provide 1 CD-ROM driver

Specifications

- Four 32-bit/33HMZ PCI Slots
- Fully PCI Specifications 2.3 Compliant
- Supports both 5V and 3.3V Fault Tolerance Option
- Host Connector: One 24-pin Connector for PCI Express Host cable
- DC Power Jack: One DC Jack for 12V AC Adapter Power Input
- Form Factor: 20.60cmx13.70cmx14.30cm
- Operating Temperature: 0 to 50°C, 10% to 90% relative humidity

About Horntech Inc.

Horntech Inc. is a leading provider of embedded computing solutions for a wide range of industries and applications. Our comprehensive product offering includes many types of I/O, single board computers, high performance signal processors, fully integrated, rugged systems. Whether you're looking for one of our standard products or a fully custom solution, Horntech has the breadth, experience and 24/7 support to deliver what you need. For more information, visit <http://horn-tech.com>

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