

PCI Express to 2 PCI & 2 PCIe Expansion Enclosure System - Full Length

StarTech ID: PEX2PCIE4L



StarTech.com's innovative PCI/PCI Express Expansion Chassis provides a quick and simple solution to I/O expandability on almost any PCI Express (PCIe) enabled system. Adding external PCI and PCIe slots to a server/workstation or laptop, this cost-effective and time-saving method of simply adding additional PCI/PCIe cards to a server/workstation or providing a platform to be able to swap PCI/PCIe add-in cards between a mobile and desktop setup is the optimal method of maximizing the I/O capabilities of new or existing systems.

The external expansion chassis adds two full length (38cm) PCI slots (32-bit/33MHz) as well as two PCIe x1 (single lane) slots to the host computer system, through a single PCI Express connection. Providing total bandwidth of up to 250MBps from the x1 PCIe host controller card, which allows the host computer to function as though the cards in the expansion chassis were connected directly to the motherboard.

For mobile applications, the Expansion Chassis can be connected to an ExpressCard enabled laptop using StarTech.com's ExpressCard connection cable (EC2PCI), which adds the same functionality offered by the Expansion Chassis to a laptop. This eliminates the expense and need of having to purchase different card adapters for the laptop. A dependable I/O expansion solution, the Expansion Chassis is backed by StarTech.com's 2-year warranty and free lifetime technical support.

Applications and Solutions

- Ideal for system testers, and engineers who may need to regularly swap out I/O cards.
- Expand an existing system's I/O capabilities without having to purchase an entirely new system.
- Expand a laptop's I/O capabilities with desktop PCI/PCIe cards with the EC2PCI.
- Add full length or full height cards to a small form factor system.
- Provide PCI support to systems with only PCIe slots.
- Provide data acquisition, telephony, storage and audio capabilities by having additional I/O expansion slots.

Features

- Add an additional 2 PCI ports (32-bit/33 MHz) and 2 PCIe single-lane ports (250MBps) to your PC, using PCI Express
- Rugged steel construction satisfies demands of industrial and server environments
- Self-powered Expansion box with an on/off button
- Simplifies swapping expansion cards in and out of computer systems, without ever having to take apart your computer
- Complies with PCI 2.3 and PCIe 1.1 specifications
- Supports both 5V and 3.3V add-in full length cards
- Support advance error reporting including ECRC support
- Support add-in cards with extended length (38cm)

Technical Specifications

- Warranty: 2 Years
- Chipset ID: Texas Instruments TI-XIO200A, TI-XIO3130
- Product Height: 5.63 in [143 mm]
- Humidity: 5 to 95% RH
- Internal Length: 13.46 in [342 mm]
- Product Length: 15.04 in [382 mm]
- Maximum Data Transfer Rate: 250 MBps
- Operating Temperature: 0°C to 55°C (32°F to 131°F)
- OS Compatibility: Windows 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Vista(32/64-bit)/ Server 2008 R2/7(32/64-bit),

MAC OS X, Linux

- Output Current: 3000mA
- Carton Quantity: 2
- Storage Temperature: -40°C to 75°C (-40° to 167°F)
- Shipping (Package) Weight: 4.64 lb [2.1 kg]
- Product Weight: 4.35 lb [1.97 kg]
- Product Width: 5.39 in [137 mm]
- **Note:** This product has a compatibility issue with Silicon Image SATA Controllers on an AMD platform
- **Note:** The Maximum power consumption of the adapter cards used in this expansion box is 36W. Cards might not function if their total power exceeds the maximum power consumption

