

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

- Ideal for system testers, and engineers who may need to regularly swap out PCI or PCIe I/O cards
- Expand an existing system's PCI and PCI Express I/O capabilities, without having to purchase an entirely new system
- Expand a laptop's PCI and PCI Express I/O capabilities using the EC2PCI (optional, separate purchase)
- 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 PCI/PCIe 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
- Supports advance error reporting including ECRC support
- Support add-in cards with extended length (38cm)

Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Chipset ID	Texas Instruments - XIO200A + XIO3130
Connector Type(s)	1 - PCI Express x1 Male
External Ports	2 - PCI / PCI-X (Universal 3.3 & 5V; 32-bit) Slot Female
External Ports	2 - PCI Express x1 Slot Female
Maximum Data Transfer Rate	250 MBps
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
Color	Black
Enclosure Type	Steel
Product Length	15 in [382 mm]
Product Width	5.4 in [137 mm]
Product Height	5.6 in [143 mm]
Product Weight	4.4 lb [2 kg]
Power Adapter Included	Yes
Input Voltage	115 ~ 230 AC
Output Voltage	12 DC
Output Current	3A
Center Tip Polarity	Positive
Plug Type	M
Operating Temperature	0°C to 55°C (32/50/131°F to 131/130/268°F)
Storage Temperature	-40°C to 75°C (-40/10/167°F to 167/50/313°F)
Humidity	5 to 95% RH
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
Note	This product has a compatibility issue with Silicon Image SATA Controllers on an AMD platform
Shipping (Package) Weight	4.6 lb [2.1 kg]

Included in Package	1 - PCI Expansion box
Included in Package	1 - PCI Express Card
Included in Package	1 - 3 ft. DVI-D Cable
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Screw Kit
Included in Package	3 - Power Cord (NA/UK/EU)
Included in Package	1 - Power Adapter
Included in Package	1 - Software CD
Included in Package	1 - Instruction Manual
Internal Length	13.5 in [342 mm]

Certifications, Reports and Compatibility

