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

PEX2PCIE4L



*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Packaging Contents

- Metal Expansion Enclosure
- PCI Express host card
- Expansion cable
- Power Adapter
- Screw kit
- Instruction Manual

System Requirements

- PCI Express enabled computer system

Installation

Hardware Installation

Note: Please note that this product does NOT support hot-plugging by means of the Expansion Cable. You can not connect or disconnect the expansion cable unless you power off your system first.

1. Turn OFF the system power before installation. Since both the computer system and the Expansion Box are self-powered, you need to follow the correct ON/OFF sequence as follows:

- Power Off Sequence: Power off the computer system then the Expansion Box.
- Power On Sequence: Power on the Expansion Box first, then power on the computer system.

2. Remove the chassis cover from your computer.
3. Locate an unused PCI Express slot (typically white and smaller) and remove the corresponding slot cover from the rear of the computer chassis.

Note: the Host card uses a PCIe x1 connector, so it can be installed into any sized PCIe slot (ie. x1, x4, x8, x16, etc.).

4. Plug the PCIe add-in card to the unused PCI Express expansion slot and attach the card bracket to the computer chassis with a screw.
5. Put the chassis cover back on the computer.
6. Install one end of the Expansion Cable to PCIe add-in card's connector and the other end to the Expansion Box's.

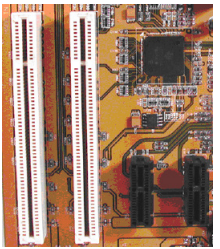
Warning!! The Expansion Cable's connector has the same form factor as a standard DVI connector, however, their signals are different. Please do not connect the Expansion

Cable to either your LCD monitor or your Video Graphic cards.

7. Next, install the PCI and PCIe add-in cards into the Expansion Box:
   a. Open the top cover (by removing the screws) of the Expansion Box. There are 2 PCI and 2 PCIe slots in the Expansion Box.
   b. Find an unused slot, remove the "blank" PCI/PCIe card bracket that was pre-installed from the factory.
   c. Plug in your PCI or PCIe add-in card (s).
   d. Put the top cover back on your Expansion Box.

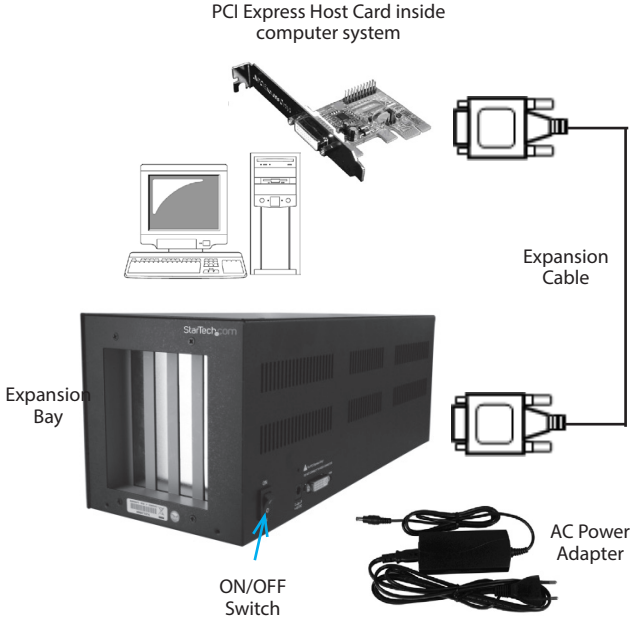


PCI



PCI Express

8. Connect the AC power Adapter's cable to the Expansion Box.
9. Turn on the Expansion Box power by means of the power switch next to the Expansion Cable, then power on the PC system.
10. Proceed with Software Driver Installation if required.


PCI Express Host Card inside computer system
Expansion Cable
Expansion Bay
AC Power Adapter
ON/OFF Switch

Driver Installation

No driver installation is required for operating systems that support the PCI Express standard, as the PEX2PCIE4L is natively supported, so the drivers are already installed.

Specifications

Bus Interface	PCI Express rev 1.1
External Connectors (Host Card)	29-pin DVI-I female
External Connectors (Expansion Box)	29-pin DVI-I female Power connector
Internal Expansion Slots	2 x PCI (32-bit/33Hz) 2 x PCIe x1
PCI Bus Interface	PCI rev 2.3 (3.3V/5V)
Dimensions	382.0mm x 137.0mm x 143.0mm
Weight	4 kg
Power Adapter	12VDC, 3A

- The maximum total power consumption of the adapter cards used in the expansion box is 15W. Some cards may not function if their total power exceeds 15W.

Technical Support

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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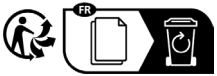

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