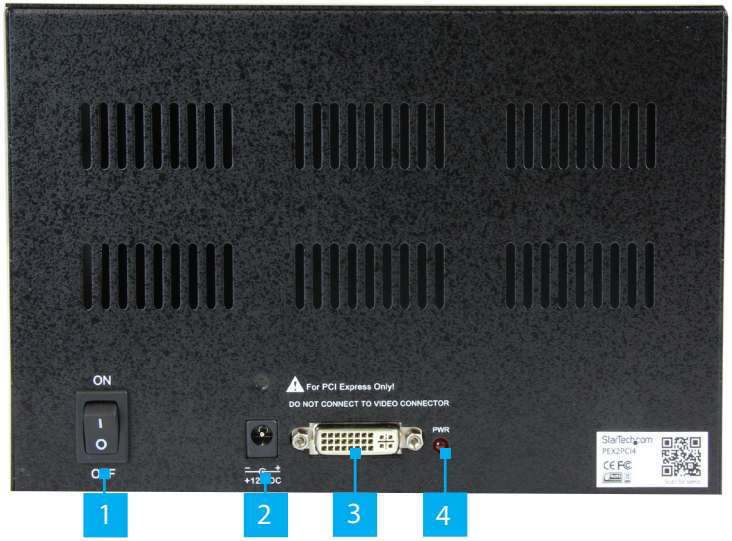
PCI Express to 4 Slot PCI Expansion System

Product Diagram (PEX2PCI4)

Side



Front



*Product may vary from image

	Port/LED/ Connector	Function

1	On/Off Switch	• Turns the **Expansion Chassis On** or **Off**
		• Correct sequence to power the device:
		  • Power on: Power **On** the **PCI Expansion Chassis** first, then the **Host Computer**
		  • Power off: Power **Off** the **Host Computer** first, then the **PCI Expansion Chassis**

2	DC Power Port	• Connect the **PCI Expansion Chassis** to a **Power Source** using the included **Power Adapter** • Recommended 12 V and 3 A
3	DVI Connector	• Used to connect the **PCI Expansion Chassis** to a **Host Computer** • If the **DVI Cable** is disconnected during use, the **Host Computer** must be restarted to reestablish the connection • For a secure cable connection, threaded holes around the **DVI Connector** allow to **Screw-lock** the included **DVI Cable**
4	Power LED Indicator	• Indicates if the **On/Off Switch** is turned **On** or **Off** • Solid Red = On • Off = Off
5	Metal Cover Screws	• Remove the **Metal Cover Screws** to release the **Metal Cover** and install **PCI cards**
6	PCI Expansion Slots	• Install up to **Four PCI cards**
7	Mounting Brackets Points	• (Optional) Allows for a permanent installation of the **PCI Expansion Chassis** to a flat and stable surface • **Mounting Holes** at the **Front** and **Back** of the **PCI Expansion Chassis** secure the **Mounting Brackets**

Package Contents

- PCI Expansion Box x 1
- PCI Express Card
- 3ft DVI cable x 1
- Low-Profile Bracket x 1
- Screw Kit x 1
- Power Adapter x 1
- Quick-Start Guide x 1

Requirements

For the latest requirements, please visit www.startech.com/PEX2PCI4

- Host computer with an available PCIe slot (x1, x2, x4, x8, or x16)
- Phillips head screwdriver

Installation

WARNING!

Static electricity can severely damage the PCIe card(s) ensure that you are adequately grounded before you open your Host Computer case or touch the PCIe card(s). You should wear an anti-static strap or use an anti-static mat when installing any Host Computer component. If an anti-static strap isn't available, discharge any built-up static electricity by touching a large grounded metal surface for several seconds. Only handle the PCIe card(s) by the edges and don't touch the golden connectors.

Install the PCIe Host Adapter Card

1. Turn **Off** the **Host Host Computer** and any **Peripheral Devices** that are connected to it (e.g. printers, external hard drives, etc.).
2. Unplug the **Power Cable** from the back of the **Host Computer**.
3. Disconnect any **Peripheral Devices** that are connected to the **Host Computer**.
4. Remove the **Cover** from the **Host Computer Case**. Consult the documentation that came with the **Host Computer** for details about doing this safely.
5. Locate an available **PCIe Slot** and remove the corresponding **Slot Cover Plate** from the back of the **Host Computer Case**. Consult the documentation that came with the **Host Computer** for details about doing this safely. The **PCIe Host Adapter Card** works in **PCIe x1, x2**, **x4**, **x8**, or **x16 Slots**.
6. Gently insert the **PCIe Host Adapter Card** into the **PCIe Express Slot** and fasten the **Bracket** to the back of the **Host Computer Case**.

   Note: *If you install the PCIe Host Adapter Card into a small form factor or a low-profile desktop system, it may be necessary to replace the pre-installed standard full-height bracket with the included low-profile bracket.*
7. Return the **Cover** onto the **Host Computer Case**.
8. Reconnect the **Power Cable** to the back of the **Host Computer**.
9. Reconnect all of the **Peripheral Devices** disconnected in **Step 1**.

Install PCI Cards in the PCI Expansion Chassis

Sharp edges! *Be mindful of the sharp edges around the PCIe Expansion Chassis when the Metal Cover is removed.*

1. Turn **Off** the **PCI Expansion Chassis** and unplug all cable connections.
2. Release the **Metal Cover** by removing the **Screws** (x 10) using a **Phillips Head Screwdriver**. The **Screws** are located on top and the opposite side of the connectors on the **PCI Expansion Chassis**.
3. Locate an available **PCI Slot** on the **Expansion Chassis**, using a **Phillips Head Screwdriver** remove the corresponding **Slot Cover Plate** from the **PCI Expansion Chassis**.
4. Gently insert the **PCI Card** (s) into the **PCI Slot** and fasten the **Bracket** to the **PCI Expansion Chassis**.
5. Install the **Metal Cover** back onto the **PCI Expansion Chassis**.
6. **Screw-Lock** the **DVI Cable** on the **DVI Connector** of the **PCI Expansion Chassis** and onto the **PCIe Host Adapter Card**.
7. Connect the **Power Adapter** to supply power. Turn **On** the **Expansion Chassis** by flipping the **On/Off Switch**.
8. Turn **On** the **Host Computer**.

   Note: *No drivers are needed for the PCI Expansion Chassis. Some PCI Cards may need drivers to finish their installation.*

(Optional) Install the Mounting Brackets

1. Use the **Mounting Screws** (x 2) and **Phillips Head Screwdriver** to fasten the **Front Mounting Bracket** on the **PCIe Expansion Chassis**.
2. Repeat **Step 1** to install the **Rear Mounting Bracket**.

Regulatory Compliance

FCC - Part 15

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:

- 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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.
CAN ICES-3 (B)/NMB-3(B)
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Warranty Information

This product is backed by a two years warranty.
For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Safety Measures

- Read the entire manual and ensure the instructions are fully understood before assembling and/or using this product.

Mesures de Sécurité

- Lisez tout le manuel et assurez-vous que vous comprenez les instructions avant de commencer à assembler et utiliser ce produit.

安全対策

- 最初に取扱説明書を最後まで読み、本製品の組み立て方をすべて理解してから組み立て作業を始めて下さい。

Misure di Sicurezza

- Leggere l'intero manuale e assicurarsi di aver compreso tutte le istruzioni prima di iniziare ad assemblare e a utilizzare questo prodotto.

Säkerhetsåtgärder

- Läs hela manualen och se till att du förstår instruktionerna innan du börjar montera och använda produkten.

Medidas de Seguridad

- Lea todo el manual y asegúrese de haber comprendido bien las instrucciones antes de proceder con el ensamblaje y el uso de este producto.

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