

PEX2ECDP User Manual

Dual Profile PCI Express to ExpressCard Adapter

Introduction

Thank you for purchasing a StarTech.com PCI Express to ExpressCard Adapter. This product allows you to use an ExpressCard with your PCI Express enabled PC.

Features

- Supports both 34 and 54 form factor ExpressCards
- Compliant with PCI Express Base Spec.1.0a
- Works with PCI Express slots that provide 3.3V and 1.5V auxiliary power

System Requirements

- PC with an available PCI Express slot
- Windows 2000/XP/2003 Server

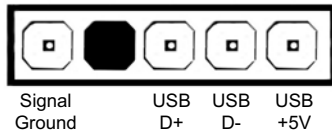
Package Contents

- PCI Express to ExpressCard Adapter (1)
- Low Profile Bracket (1)
- 3' 5-pin Header USB Cable (1)
- User Manual (1)

Hardware Installation

Please note: Please note: Although PEX2ECDP supports both USB and PCI Express-based ExpressCards, only USB-based cards offer hot-swappable connectivity. As such, please consult the documentation that was included with your purchase of the intended ExpressCard, to determine whether or not it supports hot-swapping.









1. Make sure that your computer system is unplugged and that you are grounded.
2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side, so that the PCI Express expansion slot openings on the motherboard are facing upwards.
3. Locate an empty PCI Express slot and remove the metal plate that covers the corresponding rear bracket. You may need a Phillips screwdriver to perform this step. Retain the screw! You will need it to secure the card later.
4. Gently insert the card into the empty slot, making sure it is firmly seated.
5. Secure the card in place using the screw you removed in Step 3.
6. Connect the 5-pin header provided by PEX2ECDP to an available USB header on the host computer, noting the following diagram. Once complete, replace the cover and power on the computer.



Please note: If the motherboard does not have a USB header available for connection, please connect the USB Type 'B' connector provided by PEX2ECDP to an available USB port connected to the motherboard. Failing this, hot-plugging will not be available for inserted cards.

Pin Headers

PEX2ECDP offers several control/status pins:

	Label	Signal Name	Signal description
	GND	GND	Signal ground
	CKE	CLKEN	Clock Enable
	OC	OC#	Over current status
	SHD	SHDN#	Shut down control input. Slow down to Hi-Z mode
	STB	STANDBY#	Standby control input
	KRQ	CLKRQ#	Clock Request from device
	CUB	CPUSB#	USB device present status
	CPE	CPPE#	PCI Express device present status

***Please note:

- 1.Signal denoted with “#” indicates “low active”.
2. All signals either have IC internal pull-up or on-board pull-up

Support, Warranty Information, and Regulatory Compliance Statement

If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads. This product is backed by a lifetime 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.

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.

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.

LED Descriptions



- 1 Green - D1 (3.3 Vout)
- 2 Yellow - D3 (1.5 Vout)
- 3 Green - D2 (Vaux)
- 4 Red - D4 (Over current)

Specifications

Bus Type	PCI Express
Form Factor	34 and 54 ExpressCard
Connectors	1 x 34/54 ExpressCard Slot 1 x Internal USB Type B Port 1 4-pin USB header
Regulatory Certifications	FCC, CE, ROHS