

U.2 (SFF-8639) Drive to PCIe Host Adapter

PEX4SFF8639



*actual product may vary from photos

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For the latest information, technical specifications, and support for this product, please visit www.StarTech.com/PEX4SFF8639.

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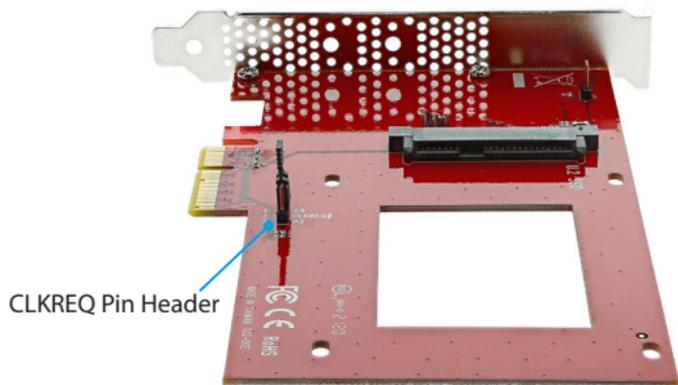
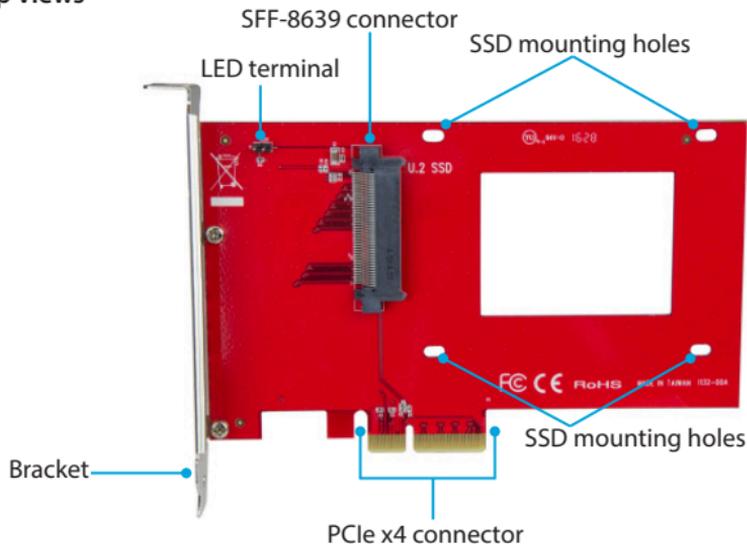
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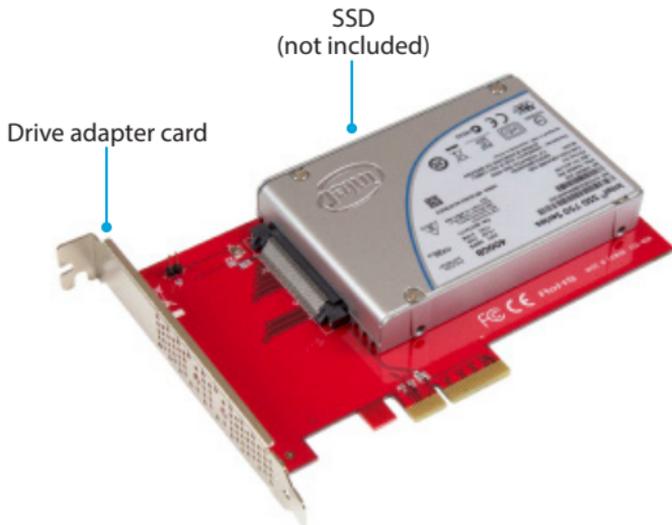
Introduction

Product diagram

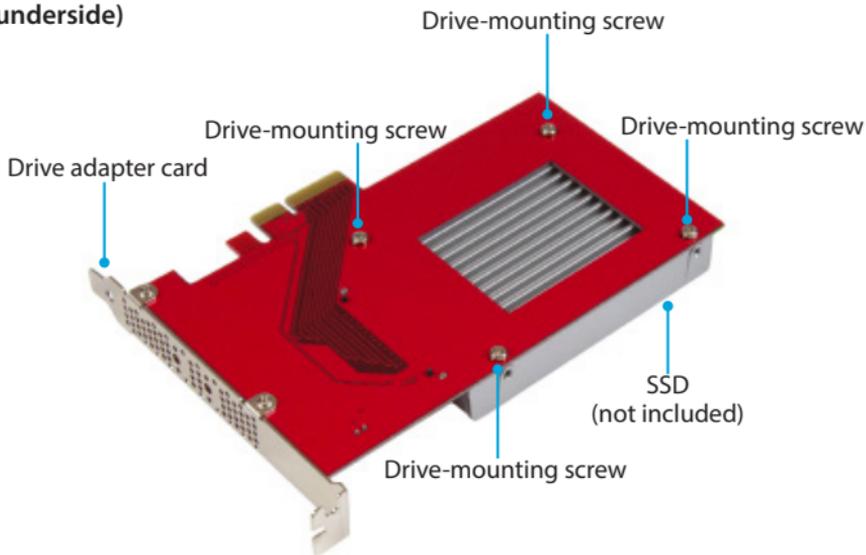
Top views



Application image



Application image (underside)



Package contents

- 1 x drive adapter card
- 4 x drive-mounting screws
- 1 x quick-start guide

Requirements

- Computer or server enabled with PCI Express and an available PCIe x4, x8, or x16 slot
- Phillips screwdriver
- U.2 compatible SSD

The PEX4SFF8639 is OS independent and doesn't require any additional drivers or software.

Note: To determine if the drive and motherboard that you're using are compatible, consult the technical specifications that came with the drive and motherboard.

System requirements are subject to change. For the latest requirements, please visit www.StarTech.com/PEX4SFF8639.

Connect an SSD to the adapter card

Warning! Drives should be handled carefully, especially when you transport them. If you're not careful with your drives, you may experience lost or corrupted data. Make sure that you're properly grounded by wearing an anti-static strap when you install any computer component. If an anti-static strap isn't available, touch a large, grounded metal surface for several seconds to discharge any built-up static electricity.

1. Carefully slide the SSD into the drive adapter card and connect it to the SFF-8639 connector on the card.
2. Turn the drive adapter card over.
3. Use a Phillips screwdriver and insert the four drive-mounting screws into the mounting holes on the drive adapter card and into the SSD.
4. Tighten the screws.

Install the adapter card

Warning! PC components can be severely damaged by static electricity. If an anti-static strap isn't available, discharge any built-up static electricity by touching a large, grounded metal surface for several seconds.

1. Turn off your computer and any devices or peripherals that are connected to it (for example, printers, external storage, and so on).
2. Unplug the power cable from the back of your computer.
3. Disconnect any peripheral devices that are connected to your computer.
4. Open your computer case. For more information about how to do this, consult the documentation that came with your computer system.
5. Locate an open PCIe slot and remove the corresponding metal cover plate from the back of your computer case. Consult the documentation that came with your computer system for detailed instructions about how to do this.

Note: This drive adapter card works in PCIe slots of x4, x8, or x16 lanes.

6. Gently insert the drive adapter card into the open PCIe slot and use a computer case screw (not included) to fasten the bracket to the back of the case.
7. Place the cover back onto your computer case.
8. Reconnect the power cable to the back of your computer and reconnect all of the peripheral devices that you disconnected in step 3.
9. Turn on your computer.

Note: By default E4 and CLKREQ will be connected via a jumper on the CLKREQ pin header, however early PCI Express SFF-8639 Revision 1 drives may require the jumper to be moved to CLKREQ and P3 in order to function.

There may be additional steps required to enable drive functionality, such as installing drivers or updating the firmware for the drive or motherboard. For more information, consult the documentation that came with the drive or motherboard.

About the LED terminal

You can connect an LED (not included) to the LED terminal on the drive adapter card. The LED terminal generates an activity LED, but the exact behavior of the LED indicator is dependent upon the SSD connected to the drive adapter card.

Technical support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

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

Warranty information

This product is backed by a two-year warranty.

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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