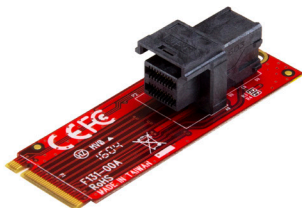# StarTech.com

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U.2 (SFF-8643) to M.2 PCI Express 3.0 x4 Host Adapter Card for 2.5" U.2 NVMe SSDs

M2E4SFF8643

*actual product may vary from photos

For the latest information, technical specifications, and support for this product, please visit www.StarTech.com/M2E4SFF8643.

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

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.
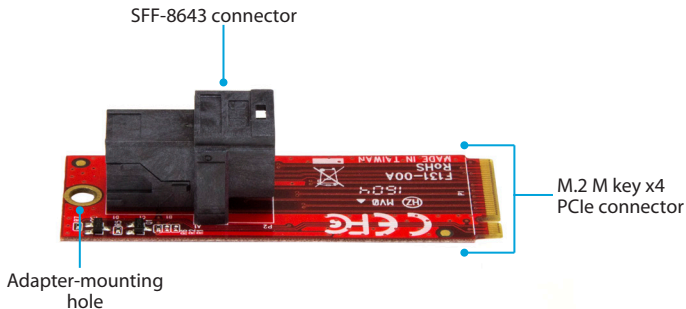
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Table of Contents

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Product diagram

SFF-8643 connector

M.2 M key x4 PCIe connector

Adapter-mounting hole

Package contents

- 1 x drive adapter card
- 1 x adapter-mounting screw
- 1 x quick-start guide

Requirements

- U.2 PCI Express® NVMe SSD
- Computer or server with a 2.5" SSD or HDD mounting bay
- Computer or server with an M.2 x4 PCIe slot
- SFF-8643 to SFF-8639 U.2 cable
- Screwdriver

This adapter 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.

Requirements are subject to change. For the latest requirements, please visit www.StarTech.com/M2E4SFF8643.

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Install the adapter

Warning! Computer components can be severely degraded 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. Gently insert the adapter into an open M.2 M key x4 PCIe slot.
6. Secure the adapter to the motherboard or controller card.
   For more information about how to do this, consult the documentation that came with the system motherboard or controller card. The adapter-mounting hole and adapter-mounting screw may or may not be required to secure the adapter.
7. Connect an SFF-8643 to SFF-8639 U.2 cable to the SFF-8643 connector on the adapter and to a U.2 PCIe NVMe SSD.

Note: For more information about how to mount your U.2 drive, consult the documentation that came with the drive and your computer.

8. Place the cover back onto your computer case.
9. Reconnect the power cable to the back of your computer.
10. Reconnect the peripheral devices.
11. Turn on your computer.

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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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