Quick Start Guide

U.2 to PCIe Adapter for 2.5" U.2 NVMe SSD, SFF-8639, PCI Express (x4) Card

Model: PCE-U2-PX4

WARRANTY REGISTRATION

Register your product today and be automatically entered to win an ISOBAR® surge protector in our monthly drawing!

tripplite.com/warranty

TRIPP·LITE

1111 W. 35th Street, Chicago, IL 60609 USA • tripplite.com/support

Features

- Enhance your PC's speed and increase internal storage by adding a U.2 PCIe SSD
- Supports U.2 SSD and 2.5" SATA I/II/III SSD/HDD
- Compatible with Tripp Lite's P970-U2M2 (sold separately) U.2 to NVMe/SATA M.2 adapter for installing an M.2 module
- PCIe U.2 SSD speeds provide ultra-fast data access to your computer
- Compatible with PCIe 3.0 motherboards; backward compatible with PCIe 2.0 and PCIe 1.0
- Plug-and-play, no software or drivers required
- No external power required

Package Contents

- PCE-U2-PX4 U.2 to PCIe Adapter
- (x2) Bracket Screws
- (x4) SSD Screws
- Screwdriver
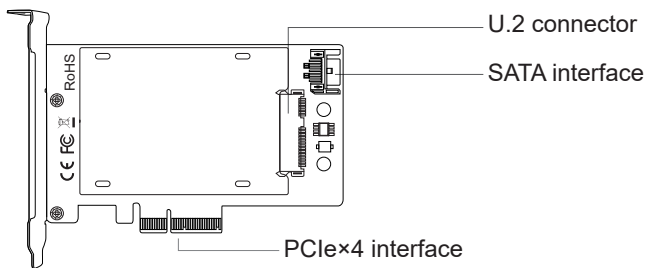- 7-Pin SATA Cable
- Quick Start Guide

Optional Hardware
- P970-U2M2 M.2 to U.2 PCIe NVMe SSD Adapter (Sold Separately)

Installation

Notes:

- *The following instructions apply to the PCE-U2-PX4 when used with a U.2 (4-lane PCIe) 2.5" NVMe SSD or HDD. The PCE-U2-PX4 can be combined with a U.2 to NVMe/SATA M.2 adapter, such as Tripp Lite's P970-U2M2 (sold separately) to add support for M.2 modules.*

- *PCI Express cards are static-sensitive devices that require proper handling. An Anti-Static ESD Wrist Strap (such as Tripp Lite's P999-000) or similar device should always be used when handling.*

- *Handle the card with care when installing. Hold it by the edges and not the PCIe interface connectors.*

- *When disconnecting the drive, go through the proper disconnection steps of your operating system to safely remove it. Removing the drive prior to proper disconnection can result in losing or corrupting data stored on the drive.*

- *If your drive has not been formatted, you will first need to format it using your computer's disk management utility to copy and access files.*
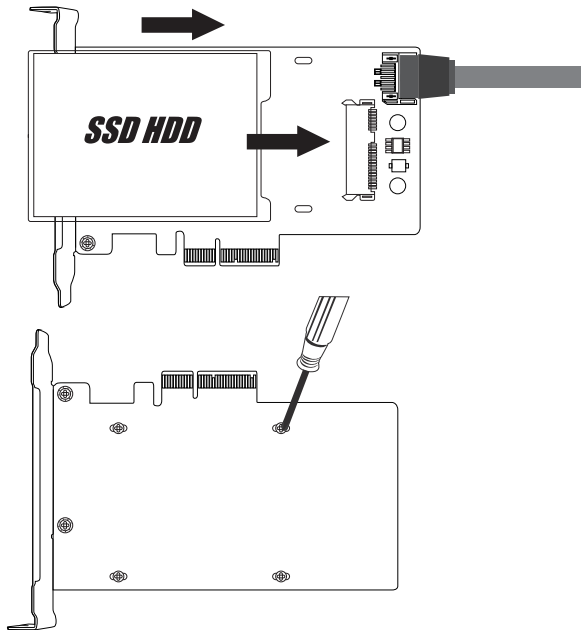

U.2 connector

SATA interface

PCIe×4 interface

Installation
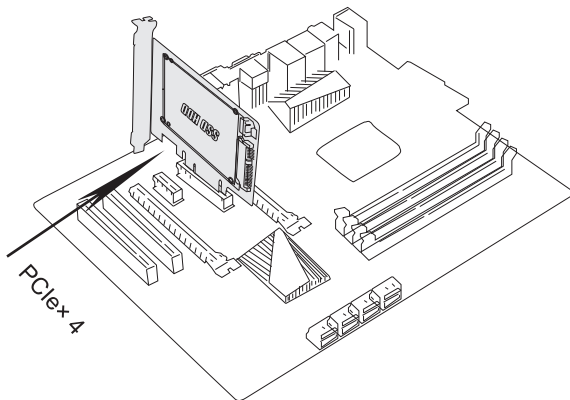
Installing an HDD/SSD Drive

1. Insert a 2.5" HDD/SSD drive (sold separately) into the 2.5"
   SATA HDD/SSD adapter. Secure the drive into place using
   the provided SSD screws.

   *Note: The connector on the U.2 SSD is keyed so the drive will fit
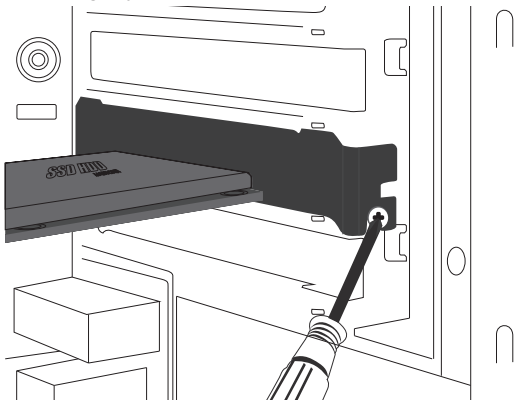   only one way.*

Installation

2. Turn off the computer you are installing the PCIe card in. Unplug its power cord and disconnect all peripheral devices (monitor, keyboard, mouse, etc.) from it.

3. Remove the cover from your PC to locate the motherboard and available PCI Express slots.

4. Locate an available PCI Express slot (if necessary, remove the metal bracket from the back of the PC to allow for insertion of the card).

5. Gently connect the 7-pin SATA cable from PCI Express Card to the motherboard on your PC.

6. Connect the PCI Express Card adapter to the PCIe x4 slot on the motherboard.

Installation

7. Fix the full profile bracket to the tower rear panel of the PC and screw tightly to secure connection.

8. If necessary, fasten the metal bracket to the back of the computer using the included screws.

9. Place the cover back onto the computer and reconnect its power cords and peripheral devices.

10. Your adapter is now ready for use.

Installation

Installing an M.2 M-Key or B-Key NVMe SSD Using a Tripp Lite P970-U2M2 U.2 to PCIe Adapter (Sold Separately)

Refer to the instructions and diagrams in the P970-U2M2 Quick Start Guide to install an M.2 module in a computer's PCIe port.

Operation

1. After turning your computer back on, locate the "Computer Management" system tool and go to the "Disk Management" dropdown menu to find the new disk.

2. Before formatting the new disk, make sure to delete the volume.

3. Right click on the external disk you want to format. Click on "New Simple Volume".

4. Follow the instructions on the screen, choosing the size of partition, and click "Next" to finish.

5. The new hard disk will be found in the list of drive locations on your computer.

6. Once found, it is ready to be used.

Specifications

Drive Connection	U.2 SFF-8639
PCIe Card Connection	PCIe X4
Supported SSD	2.5" SATA or 2.5" U.2
Operating Temperature Range	50°F to 158°F (10°C to 70°C)
Storage Temperature Range	32°F to 149°F (0°C to 65°C)
Relative Humidity	10 to 80% RH, Non-Condensing
Unit Dimensions [L x W x H]	5.5 x 4.76 x 3.66 inches (140 x 121 x 93 mm)
Certifications	FCC, CE
Supported Operating Systems	Windows (7, 8.1, 10, 11), Mac OS (High Sierra and above; older Mac OS versions do not support NVMe)

Warranty and Product Registration

1-YEAR LIMITED WARRANTY

Tripp Lite warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. Tripp Lite's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from Tripp Lite or an authorized Tripp Lite service center. Products must be returned to Tripp Lite or an authorized Tripp Lite service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED HEREIN, TRIPP LITE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL TRIPP LITE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, Tripp Lite is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

PRODUCT REGISTRATION

Visit tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos and illustrations may differ slightly from actual products.

22-06-194 934131_RevA