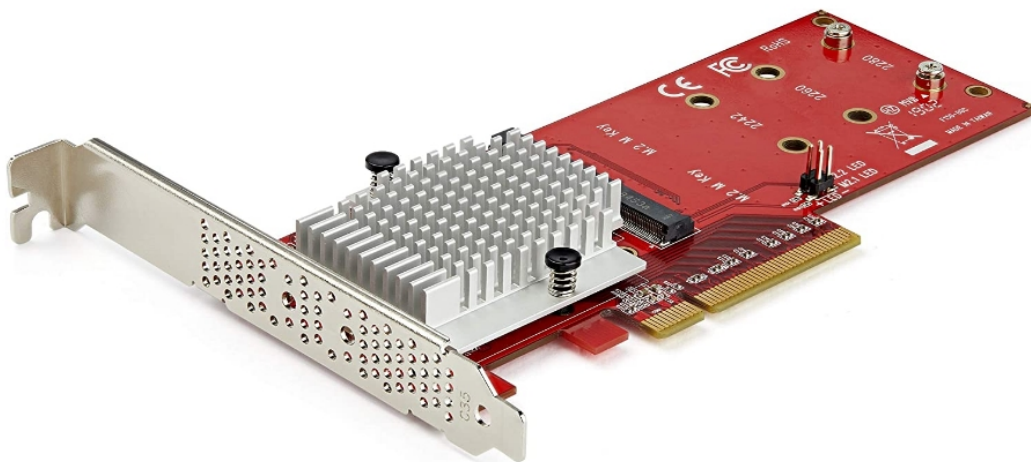


StarTech x8 Dual pci express M.2 PCIe SSD Adapter Bifurcation User Manual

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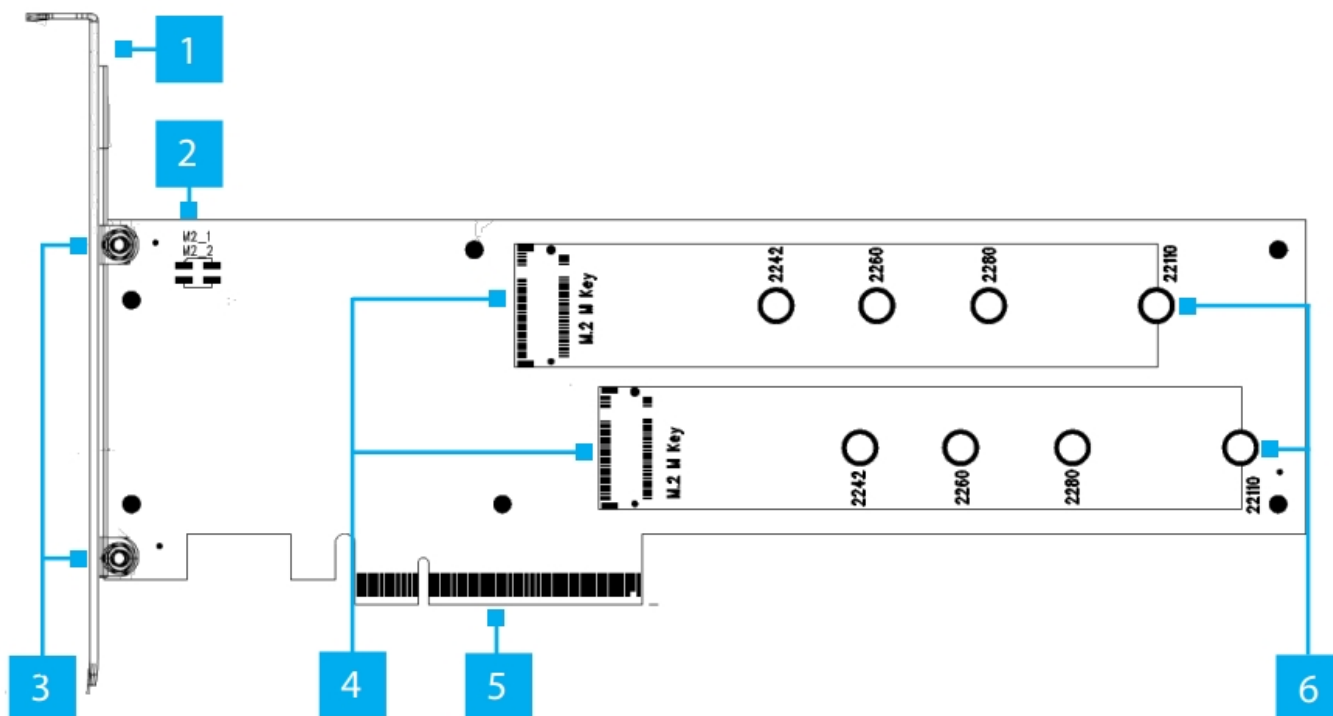
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Product Overview



No	Component	Function
1	Full Profile Bracket	Secure the PCIe to M.2 Adapter Card to the Computer Case
2	LED Jumper Pins	<ul style="list-style-type: none"> Connect LED Lights to the PCIe to M.2 Adapter Card to show Drive activity LED Lights not included
3	Bracket Screws	Secure the Full/Low Profile Bracket to the PCIe to M.2 Adapter Card
4	M.2 Connectors	Connect M Keyed M.2 Storage Devices to the PCIe to M.2 Adapter Card
5	PCIe x8 Connector	Connect the PCIe to M.2 Adapter Card to the PCIe Slot in a Computer
6	Standoffs (x 2), Standoff Installation Screws (x 2), and Drive Mounting Screws (x 2)	<ul style="list-style-type: none"> Secure M.2 Storage Devices to the PCIe to M.2 Adapter Card Compatible PCIe M.2 SSDs (NVMe and AHCI): 2242, 2260, 2280, and 22110 drives

Product Information

For the latest manuals, product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/DUAL-M2-PCI-E-CARD-B

Package Contents

- PCIe to M.2 Adapter Card x 1
- Low Profile Bracket x 1

- Quick-Start Guide x 1
- Set of Mounting Screws x 1

Requirements

- Computer x 1
- PCIe x8 or x16 Slot with Bifurcation Support
- Phillips Head Screwdriver x 1
- PCI Express M.2 SSD x 2
- Pliers x 1

Installation

Warning: PCIe Cards can be damaged by static electricity. Ensure that the Installer is properly grounded before they open the Computer Case or touch the PCIe to M.2 Adapter Card. The Installer should wear an Anti-Static Strap when installing any computer component. If an Anti-Static Strap is not available, discharge any built-up static electricity by touching a large Grounded Metal Surface for several seconds. Only handle the PCIe to M.2 Adapter Card by its edges and do not touch the gold connectors.

Note: Consult the documentation that came with the Computer/Motherboard for details regarding how to enable and configure PCIe Bifurcation.

(Optional) Installing the Low Profile Bracket

NOTE: By default the Full Profile Bracket is attached to the PCIe to M.2 Adapter Card. Depending on your system configuration you may need to remove the Full Profile Bracket and replace it with the Low Profile Bracket (included).

1. Using a Small Phillips Head Screwdriver, remove the two Bracket Screws securing the Full Profile Bracket to the M.2 Adapter Card. Set the Bracket Screws aside as they will be used to attach the Low Profile Bracket.
2. Align the Screw Holes on the M.2 Adapter Card with the Screw Holes on the Low Profile Bracket ensuring the M.2 Adapter Card is sitting on-top of the Screw Holes on the Low Profile Bracket.
3. Insert the Bracket Screws through the M.2 Adapter Card and into the Screw Holes on the Low Profile Bracket.
4. Using the Small Phillips Head Screwdriver, tighten the Bracket Screws, being careful not to over-tighten them.

Install the M.2 Storage Drives

1. Place the Drive next to the Adapter and note the Drive Installation Holes that match the length of the Drive. If the Standoffs and Installation Screws are already installed in the correct position, proceed to step 5.
2. On the front of the M.2 Adapter Card, use Pliers to hold the Standoff in place while using a Phillips Head Screwdriver to remove the Screw, located on the back of the Adapter.
3. Use the Phillips Head Screwdriver to remove the Screw on the front of the M.2 Adapter Card.
4. Remove the Standoff.
5. Repeat steps 2 – 3 to remove the remaining Standoffs and Standoff Installation Screws as needed.
6. Install the Standoff in the Drive Installation Hole that matches the length of the Drive.
7. Gently slide the M.2 Drive Connector into the corresponding M.2 Connector, located on the M.2 Adapter Card,

and press the Drive down toward the adapter until the Drive is properly seated

Note: The M.2 Connector on the Drive is M Keyed so that it only fits M Keyed M.2 Storage Devices

8. Replace the Standoff Installation Screw, removed in step 2, and tighten using a Philips Head Screwdriver.
9. Insert the Drive Mounting Screw through the Drive Slot and into the Standoff and use the Phillips Head Screwdriver to tighten the Drive Mounting Screw, securing the Drive in place.
10. Repeat Steps 1 – 9 to install the remaining Drives.

Install the Card

1. Turn off the Computer and disconnect the Power Cable and any Peripheral Devices that are connected (e.g. printers, external hard drives, etc.).
2. Remove the Cover from the Computer Case.
Note: Consult the documentation that came with the Computer for details about how to do this safely.
3. Locate an open PCIe x8 or x16 Slot and remove the corresponding Metal Cover Plate from the rear of the Computer Case. In most instances, the Metal Cover Plate is attached to the rear of the Computer Case with a single Phillips Head Screw. Save this Phillips Head Screw for the next step.
4. Gently insert the PCIe to M.2 Adapter Card into the open PCIe x8 or x16 Slot and fasten the Bracket to the rear of the Computer Case, using the Phillips Head Screw from step 4.
5. Replace the Cover from the Computer that was removed in step 2.
6. Reconnect all of the Peripheral Devices that were disconnected in step 1.
7. Reconnect the Power Cable to the rear of the Computer.

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.

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.

Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty

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StarTech.com

Ltd.

45 Artisans Cres
London, Ontario
N5V 5E9
Canada

StarTech.com LLP

4490 South Hamilton
Road
Groveport, Ohio
43125
U.S.A.

StarTech.com Ltd.

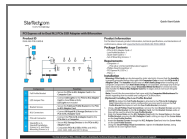
Unit B, Pinnacle 15
Gowerton Rd,
Brackmills
Northampton
NN4 7BW
United Kingdom

StarTech.com Ltd.

Siriusdreef 17-27
2132 WT Hoofddorp
The Netherlands

R: startech.com/fr
DE: startech.com/de
ES: startech.com/es
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Documents / Resources



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References

- [StarTech.com | IT Pro's Trusted Source for Connectivity Accessories](#)
- [Dual M.2 PCIe SSD Adapter, NVMe / AHCI - Drive Adapters and Drive Converters](#)
- [StarTech.com Support](#)

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