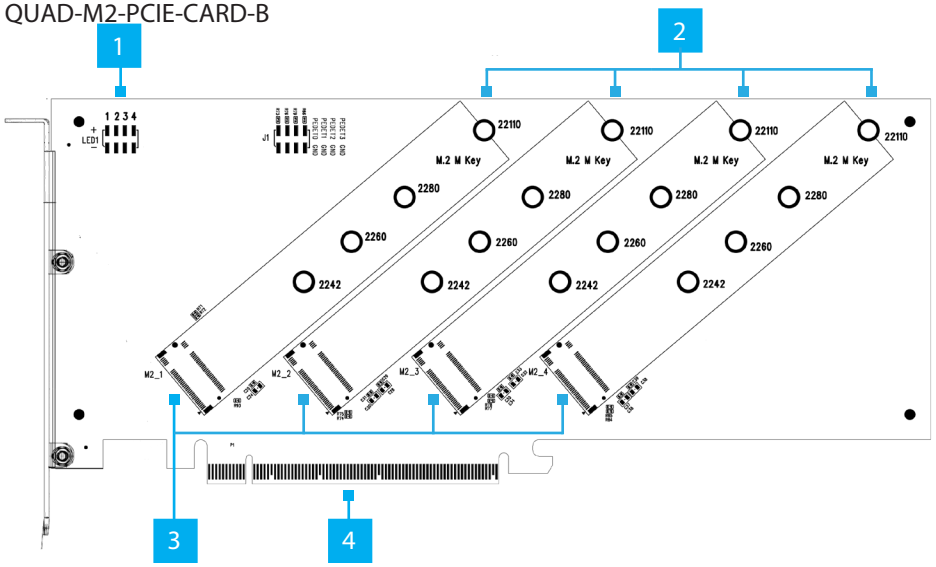
PCI Express x16 to Quad M.2 PCIe SSD Adapter with Bifurcation

Product ID

QUAD-M2-PCIE-CARD-B



Component		Function
1	LED Jumper Pins	• Connect **LED Lights** to the **PCIe to M.2 Adapter Card** to show **Drive** activity
2	Standoffs (x 4), Standoff Installation Screws (x 4), and Drive Mounting Screws (x 4)	• 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
3	M.2 Connectors	• Connect **M Keyed M.2 Storage Devices** to the **PCIe to M.2 Adapter Card**
4	PCIe x16 Connector	• Connect the **PCIe to M.2 Adapter Card** to the **PCIe Slot** in a **Computer**

Product Information

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

Package Contents

- PCIe to M.2 Adapter Card x 1
- Quick-Start Guide x 1

Requirements

- Computer x 1
  - PCIe x16 Slot with Bifurcation Support
- Phillips Head Screwdriver x 1
- PCI Express M.2 SSD x 4
- 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.*

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**.

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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 - 8 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 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 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.

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CAN ICES-3 (B)/NMB-3(B)
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.
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(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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