M.2 NVMe SSD Bay for PCIe x4 Expansion Slot

Product ID
M2-REMOVABLE-PCIE-N1
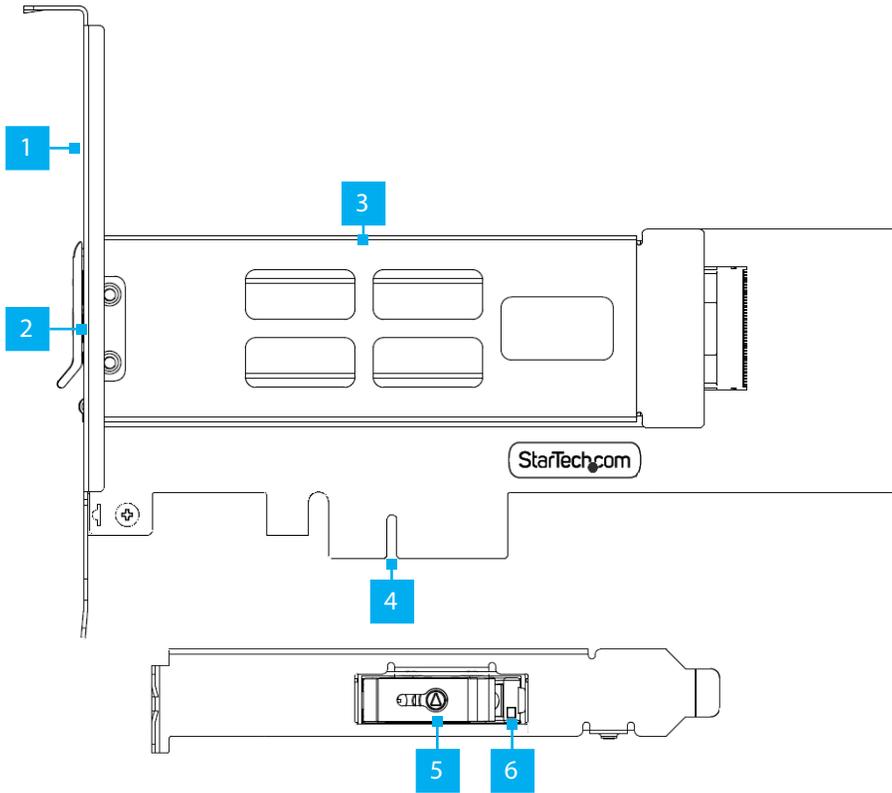
Component	Function
1 Full-Profile Bracket	• Secure the **M.2 to PCIe Adapter** to the **Computer Case**
2 Bracket Mounting Screws	• Secure the **Full/Low Profile Bracket** to the **M.2 to PCIe Adapter**
3 M.2 Drive Tray	• Hosts the **M.2 Drive** for the **M.2 to PCIe Adapter**
4 PCIe x4 Connector	• Connect the **PCIe to M.2 to PCIe Adapter** to a **PCIe Slot** in the **Computer**

5	Key Lock for Drive Tray	• Use the included **Key** to Lock or Unlock the **M.2 Drive Tray** from the **M.2 to PCIe Adapter**
6	Drive LED Indicator	• **Red:** Connected Drive is Not Supported • **Green:** Connected Drive is Supported • **Yellow:** Flashes to indicate Drive Activity

Requirements

For the latest drivers/software, technical specifications, and declarations of conformance, please visit: www.StarTech.com/M2-REMOVABLE-PCIE-N1

Package Contents

- M.2 to PCIe Adapter x 1
- Low-Profile Bracket x 1
- M.2 Drive Tray x 1
- Quick-Start Guide 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 M.2 to PCIe Adapter. 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 M.2 to PCIe Adapter by its edges and do not touch the gold connectors.

(Optional) Installing the Low Profile Bracket

Note: By default the Full Profile Bracket is attached to the M.2 to PCIe Adapter. Depending on the system configuration the Full Profile Bracket may need to be removed and replaced 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 to PCIe Adapter**. 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 to PCIe Adapter** with the **Screw Holes** on the **Low Profile Bracket** ensuring the **M.2 to PCIe Adapter** is sitting on-top of the **Screw Holes** on the **Low Profile Bracket**.
3. Insert the **Bracket Screws** through the **M.2 to PCIe Adapter** 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. Remove the **Drive Tray** from the **M.2 to PCIe Adapter**
2. Remove the **Heat Sink Cover** from the **Removable Drive Tray** by pressing the two **Heat Sink Latching Locks** towards each other.
3. Place the **Drive** next to the **Drive Tray** and note the **Adjustable Standoff Holes** that match the length of the **Drive**.
4. Remove the Adjustable **Standoff** by pressing the green side of the Adjustable Standoff and sliding it towards the front of the tray.
5. Install the **Standoff** in the **Adjustable Standoff Holes** that matches the length of the **Drive**.
6. Insert the **Drive** into the **Removable Drive Tray's M.2 connector**

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

7. Gently slide the **M.2 Drive Connector** into the **M.2 Connector** of the **Drive Tray**, and press the **Drive** down toward the adapter until the **Drive** is properly seated
8. Install the **Drive Mounting Screw** to secure the **Drive** in place.
9. Replace the **Heat Sink Cover.**

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 x4, 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 **M.2 to PCIe Adapter** into the open **PCIe x4, 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**.

Install the Drive Tray

Note: *Hot swapping the drives while the computer is turned on is not supported. Please ensure the computer is powered off before removing or installing the Drive Tray.*

1. Ensure the **Drive Tray Lock** is in the **Unlocked** position.
2. Align the **Drive Tray** with the **Drive Tray Bay** located on the **M.2 to PCIe Adapter** at the rear of the **Computer**.
3. Gently insert the **Drive Tray** until it is fully inserted.
4. Use one of the included **Keys** to **Lock** the **Drive Tray** in place.
5. Reconnect the **Power Cable** to the rear of the **Computer**.
6. Power on the **Computer** and all connected **Peripheral Devices**.

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.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.
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.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(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.

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.
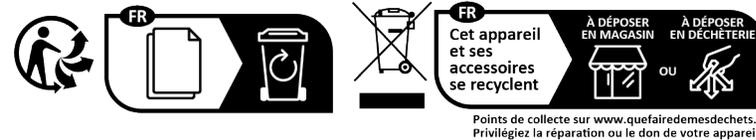
Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

PHILLIPS® is a registered trademark of Phillips Screw Company in the United States or other countries.