

4-Bay 2.5in U.2 (SFF-8639) Drive Backplane



4U2525-SAS-BACKPLANE

Front



Front



Rear



Component		Function
1	Frame Mounting Holes	Secure the 4-Bay Drive Backplane to the Computer Case
		• 4 Holes on each side of the Backplane
2	Drive Bay/Drive Tray	 Hosts a U.2 NVMe Drive and is removable from the 4-Bay Drive Backplane
3	Drive Bay Release Latch	 Used to remove the Drive Tray from the Backplane
4	Drive Bay Key Hole	 Use the included Set of Keys to Lock or Unlock the Drive Tray
5	LED Indicator	 Solid Blue: Indicates the Drive is receiving power Blinking Blue: Indicates Drive activity Blinking Red: Indicates a Drive Cooling Fan failure
6	Fan Speed Switch	 Change the Drive Cooling Fans speed between High or Low
7	Drive Cooling Fans	 Provides airflow to assist in cooling the U.2 NVMe Drives
8	Mini-SAS Connectors (SFF-8643)	Connect to a U.2 NVMe Controller in the Host Computer
9	SATA Power Connector	 Connect available SATA Power from the Computer's Power Supply to provide power to the U.2 NVMe Drives

Product Information

For the latest drivers/software, technical specifications, and declarations of conformance, please visit: <u>www.StarTech.com/4U2525-SAS-BACKPLANE</u>

Requirements

- Desktop with:
 - Available 5.25" Expansion Bay x 1
 - SAS (SFF-8643) Host Connector Ports x 4
- SATA Power from Computer Power Supply x 1
- 2.5" U.2 (SFF-8639) NVMe Drives x 4

Package Contents

- 4-Bay Drive Backplane x 1
- 2ft Mini-SAS Cables x 4
- Set of Keys x 1
- Frame Mounting Screws x 8
- Drive Mounting Screws x 16
- Quick-Start Guide x 1

Installation

Note: Consult the documentation that came with the **Computer/Motherboard** for details regarding how to enable and configure **PCIe Hot-Swapping**. If the **Computer/***Motherboard* does not support **PCIe Hot-Swapping**, the **Computer** must be turned off before removing or adding drives via the **Backplane**.

Install the Backplane

- 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 Side Panel from the Computer Case.

Note: Consult the documentation that came with the **Computer** for details about how to do this safely.

- 3. Remove the **5.25" Bay Cover** from the **Computer**.
- Insert the 4-Bay Drive Backplane into the 5.25" Bay and align the Frame Mounting Holes, located on each side of the Backplane, with the Mounting Holes of the 5.25" Bay of the Computer Case.
- 5. With a **Phillips Screwdriver**, secure the **4-Bay Drive Backplane** to the **Computer Case** using the included **Frame Mounting Screws**.

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.

- 6. Using the Fan Speed Switch, located on the rear of the 4-Bay Drive Backplane, set the desired fan speed.
- Using the included 2ft Mini-SAS Cables, connect the Mini-SAS Connectors (SFF-8643), located on the rear of the 4-Bay Drive Backplane, to an available Mini-SAS Port (SFF-8643) in the Computer.

Note: This product requires that the **Computer/Motherboard** has an available **U.2 NVMe Host Controller**.

- 8. Connect available SATA Power from the Computer's Power Supply to the SATA Power Connector, located on the rear of the 4-Bay Drive Backplane.
- 9. Replace the Side Panel from the Computer that was removed in Step 2.
- 10. Reconnect all of the **Peripheral Devices** that were disconnected in **Step 1**.

Install The Drives

Note: This product is only compatible with U.2 NVMe Drives.

Warning! Drives should be handled carefully, especially when being transported. If mishandled data loss or damage to the drive may occur.

- 1. Ensure the **Drive Tray Lock** is in the **Unlocked** position. If the **Drive Tray Lock** is in the locked position, use the included **Key** to unlock the **Drive Tray**.
- 2. Remove the **Drive Tray** by using the **Drive Tray Release Latch** and gently pulling the tray out.
- 3. Insert a **U.2 Drive** into the **Drive Tray**, aligning the bottom **Mounting Holes** of the **U.2 Drive**, with the **Drive Mounting Holes** of the **Drive Tray**.
- 4. Reinstall the Drive Tray that was removed in Step 2.
- 5. Repeat Steps 1 to 4 for the remaining Drive Trays.
- 6. Power On the Computer.

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