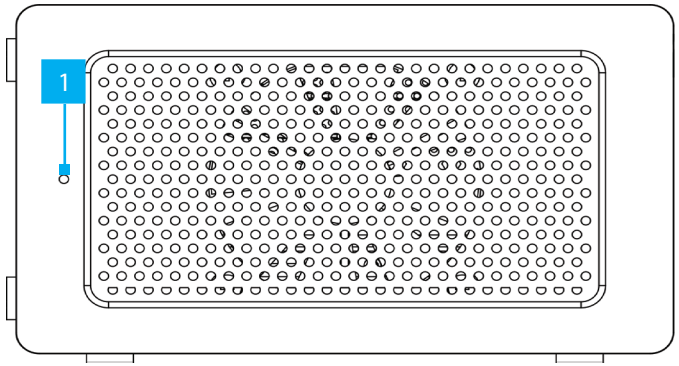
Thunderbolt 3 Dual PCIe 3.0 Expansion Chassis - 8K 60Hz DisplayPort

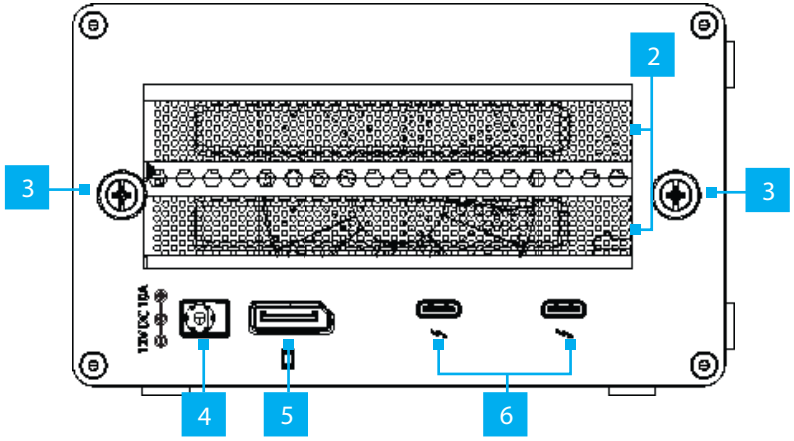
Product ID

2TBT3-PCIE-ENCLOSURE

Product Diagram (Side A)



(Side B)



	Component	Function

1	Power LED Indicator	• Indicates if the TB3 Expansion Chassis is Receiving Power from the 12V DC Power Port
		  • Solid Blue - *Receiving Power*
		  • Off - *Not Receiving Power*

2	2x PCI-Express (PCIe) Expansion Slots	• Install up to two PCIe Cards
		• Supports half-length single-slot PCIe cards with full profile brackets
		  • PCIe 3.0 x4 (2700 MB/s)
		  • PCIe x16 Card Sizes Supported at PCIe x4 Speeds

3	2x Thumb Screws	• Loosen Counter-Clockwise to Release the PCIe Card Drawer from the Enclosure • Tighten Clockwise to Secure the PCIe Card Drawer into the Enclosure
4	12V DC Power Port	• Connect to the Included Power Adapter from an AC Power Source

5	DisplayPort Video Output Port	• Connect to a DisplayPort Display
		  • DisplayPort 1.4
		  • Up to 8K (7680 × 4320) 60Hz / 4K (3840 X 2160) 144Hz Resolutions

6	2x Thunderbolt 3 Ports (USB-C)	• Connect to a an Upstream Thunderbolt Host Device or a Downstream Thunderbolt Peripheral/Display
		• Thunderbolt 3
		  • 40Gbps Thunderbolt Communication
		  • 10Gbps USB 3.2 Gen1 Communication
		  • Up to 6K (6144 × 3160) 60Hz / 5K (5120 × 2880) 60Hz Resolutions
		• DisplayPort 1.4 Alt Mode
		  • Up to 8K (7680 × 4320) 60Hz / 4K (3840 X 2160) 144Hz Resolutions

Package Contents

- TB3 PCIe Expansion Chassis x1
- Power Adapter x1
- Quick-Start Guide x1
- 3.3ft (1m) Thunderbolt Host Cable x1
- Footpad Set x1

Requirements

- Thunderbolt 3 Enabled Host Computer
- Phillips Type Screwdriver
- Up to two PCIe Card(s)

For the latest drivers, manuals, product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/2TBT3-PCIE-ENCLOSURE

PCIe Power Management Notice - ALWAYS ON:

The PCIe bus on the **2TBT3-PCIE-ENCLOSURE** will **ALWAYS** provide power to the connected PCIe cards, therefore high-power peripheral cards (audio/video encoders/decoders, MCU enabled, PoE, USB, etc.) could continue to draw a load while the host is disconnected, off, sleeping, or hibernating. To ensure that connected peripherals do not draw an unintended load it is strongly recommended to unplug the power to the chassis while not in use.

Installation

PCIe Card Installation

1. Place the **TB3 PCIe Expansion Chassis** on a surface with **Side A** facing downward, and the **Thumbscrews** located on **Side B** facing upwards.
2. Turn the **Thumbscrews** counter-clockwise to release the PCIe Card Drawer from the Enclosure.
3. Bracket Plates cover each of the **PCIe Expansion Slots**. Identify the Bracket Plate(s) covering the **PCIe Expansion Slot(s)** where the PCIe Card(s) will be installed.
4. Remove the Screw(s) holding the Bracket Plate(s) in place, using a **Philips Type Screwdriver**.
5. Gently detach the Bracket Plate(s) from the **PCIe Expansion Slot(s)**.
6. Insert the PCIe Card(s) into the corresponding **PCIe Expansion Slot(s)**, ensuring they are properly aligned.
7. Reinstall the Screw(s) removed in step 3, using a **Philips Type Screwdriver**, to secure the PCIe Card(s) into place.
8. (Optional) If the PCIe Card(s) requires power, connect the PCIe Card's Power Input to the 12V SATA Power Output(s), located on the PCIe Card Drawer, using a SATA Power Cable or SATA Power Adapter (not included).
9. Slide the PCIe Card Drawer back into the Enclosure.
10. Turn the **Thumbscrews** clockwise to secure the PCIe Card Drawer into the Enclosure.

Connect a Display to the DisplayPort Video Output Port on the TB3 PCIe Expansion Chassis

1. Connect a DisplayPort enabled Display Device to the **DisplayPort Video Output Port** on the **TB3 PCIe Expansion Chassis**, using a DisplayPort Cable (sold separately).

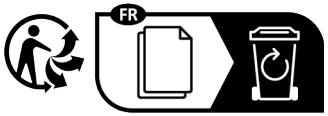
Connect a Thunderbolt 3 Peripheral/Display to the Thunderbolt 3 Port on the PCIe Expansion Chassis

1. **To connect a Thunderbolt Peripheral:** Connect the Thunderbolt Peripheral to either of the **Thunderbolt 3 Ports** on the **TB3 PCIe Expansion Chassis**, using a Thunderbolt 3 cable (sold separately).
2. **To connect a Display:** If using a Display with a USB-C or Thunderbolt 2/3 input, connect the Display to either of the **Thunderbolt 3 Ports** on the **TB3 PCIe Expansion Chassis**, using the required cabling. For other displays, connect a USB-C Video Adapter (HDMI, DisplayPort or VGA, sold separately) from the **Thunderbolt 3 Port** on the TB3 PCIe Expansion Chassis to the Display.

Connect the TB3 PCIe Expansion Chassis to a Host Computer

1. Connect the **12V DC Power Port** on the **TB3 PCIe Expansion Chassis** to an AC Outlet, using the included **Power Adapter**.
2. Connect a **Thunderbolt 3 Port** on the **Host Computer** to either of **Thunderbolt 3 Ports** on the **TB3 PCIe Expansion Chassis**, using the included **3.3ft (1m) Thunderbolt Host Cable**.

Note: *There are no drivers required for the TB3 PCIe Expansion Chassis. However, drivers may be required for the PCIe Card(s) installed within. For more information about whether the installed card(s) require drivers or additional installation steps, see the documentation that came with the PCIe card(s) or contact the manufacturer.*



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.

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