



RS8631C Gen5 External Enclosure



Quick Installation Guide V1.01

RS8631C Overview

RS8631C is an external Enclosure device It is equipped with the latest PCIe 5.0 slots optimized for GPU (Graphics Processing Unit) access, superior cooling, flexible expansion options, and broad system compatibility. It offers a robust, reliable hardware platform ideal for high-performance needs.

System Requirements

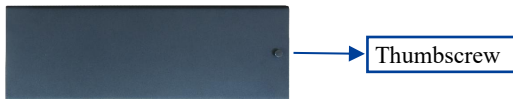
- System with a free PCIe x16 slot
- All the Operating Systems that support the PCIe standard

Kit Contents

- 1x External Enclosure Device
- 1x 1M CDFP to CDFP Gen5 (CooprLink) Cable
- 1x UL Power Cord
- 4x 2x4 connectors to 2x4 connectors Cables
- 6x Cable Ties
- 1x Quick Installation Guide

RS8631C Hardware

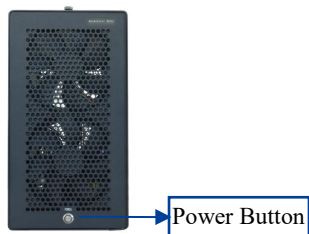
Upper View



Left Side & Right Side

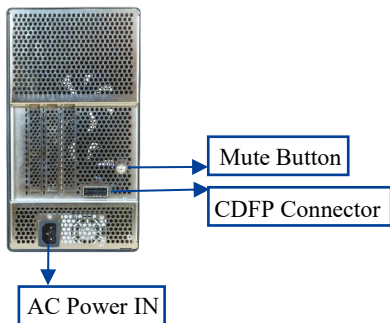


Front View



- **Power Button:** Used to power the entire Enclosure on and off.

Rear View



- **Mute Button:** Mute the beeper of the Enclosure.
- **CDFP Connector:** CDFP cable connector for the Host Interface Card connection.
- **AC Power IN:** Connect to the AC power cord.

RS8631C Hardware Installation

1. Use a wired ESD wrist strap that is properly grounded.
2. Unpack and remove the RS8631C and check it for damage.
If it appears damaged, please get in touch with HighPoint Technical Support.
3. Turn the thumbscrew counterclockwise and remove the four screws at the bottom of the left side and right side.



4. Gently Remove the RS8631C cover.



5. Remove the screw and PCIe slot cover.

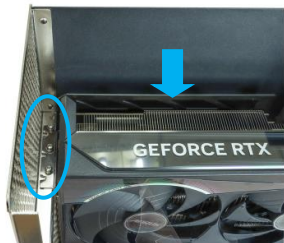


Note: Remove the screw and PCIe slot cover according to the width of the accessed GPU (Maximum support for one triple-width GPU).

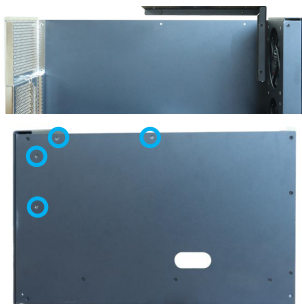
6. Remove the cable trunking by removing the four screws on the back of the Enclosure.



7. Hold the GPU by its edges, insert it connector-down into the slot, and secure the GPU bracket with screws.



8. Install the cable trunking by reattaching the four screws on the back of the Enclosure.



9. Connect the GPU power connector to the power connectors inside the Enclosure.

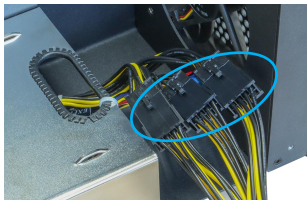


Notes:

If the GPU power cable is not long enough, refer to the following steps to connect the GPU using the 2x4 connectors to the 2x4 connector Cables.

The number of 2x4 connectors to 2x4 connectors cables needed depends on the 2x4 connectors on your GPU. Select the appropriate quantity based on your hardware specifications.

- 1) Connect the 2x4 connectors to the power connectors inside the Enclosure.



- 2) Place the 2x4 connectors to 2x4 connectors cables into the cable trunking and tie the cables with cable ties.

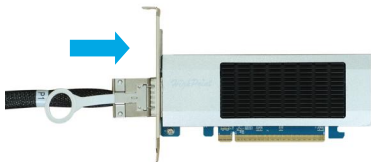


The recommended number of cable ties is between two and four, and the ties should be placed horizontally and vertically.

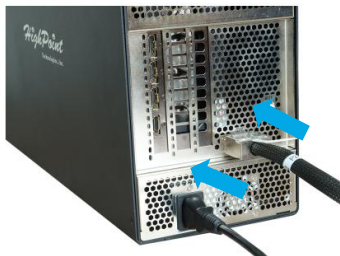
10. Close the RS8631C, and screw back screws and thumbscrew that were removed in step3.



11. Connect the CDFP cable to the Host Interface Card's external port.



12. Connect the CDFP cable to the Enclosure's CDFP port and the UL power cord for AC power.

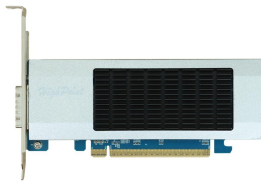


13. Insert the Host Interface Card into the motherboard's PCIe x16 slot.
14. Press the power button to turn on the power up the RS8631C, then power up the motherboard.

Note: When powering off the system, the RS8631C must be powered off at the same time.

Optional Certified Accessories

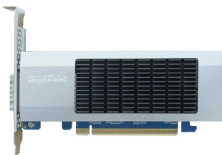
R7638D



1x CDFP Connector and 2x MCIO
Connectors PCIe 5.0 x16 External
Adapter.

Dimensions: 6.50 In (L) × 0.77 In (W)
× 2.72 In (H)

R7634D



1x CDFP Connector PCIe 5.0 x16 External
Adapter.

Dimensions: 6.50 In (L) × 0.77 In (W)
× 2.72 In (H)

Resources

Various manuals are available for the RS8631C.

For Documentation and more information about this product,
please visit the following website:

<https://www.highpoint-tech.com/external-pcie-expansion-accessories/>

Customer Support

If you encounter any problems while utilizing the RS8631C or have questions about this or any other HighPoint Technologies, Inc. product, please contact our Customer Support Department.

Web Support:

<https://www.highpoint-tech.com/support-and-services>

HighPoint Technologies, Inc. websites:

<https://www.highpoint-tech.com>