

MCIO-PCIEX16-G5

2x MCIO Port to PCIe 5.0 x16 Slot Switch Adapter



Quick Installation Guide

V1.00

MCIO-PCIEX16-G5 Overview

MCIO-PCIEX16-G5 features cutting-edge PCIe 5.0 slots optimized for GPU access, flexible expansion, and broad compatibility, providing a robust, reliable platform for high-performance computing.

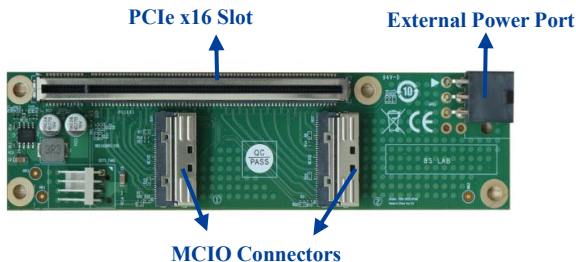
System Requirements

- All the Operating Systems that support the PCIe standard

MCIO-PCIEX16-G5 Kit Content

- 1x MCIO-PCIEX16-G5
- 1x Quick Installation Guide

MCIO-PCIEX16-G5 Hardware View



MCIO-PCIEX16-G5 Hardware Installation

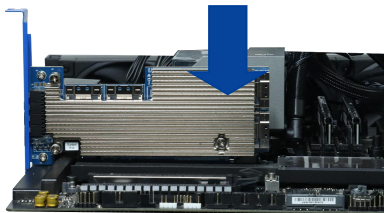
The MCIO-PCIEX16-G5 can be installed with R1528D/ R1624A/ R1628A/ R7638D Adapters to support GPU integration. Differences in Adapters connectors, the adaptation solution offers two technical paths: SFF-8654 connector and MCIO connector.

With the SFF-8654 Connector Hardware Installation

Using the R1528D (supporting SFF-8654) as example, the hardware installation process is described below.

1. Use a wired ESD wrist strap that is properly grounded.
2. Unpack and remove the MCIO-PCIEX16-G5 and check it for damage. If it appears damaged, please get in touch with HighPoint Technical Support.
3. Shut down the system and disconnect the AC power cord.

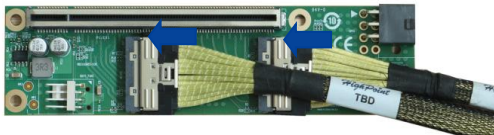
4. Align the R1528D to one of the motherboard's available slots. Press down gently but firmly to seat the R1528D correctly in the slot.



5. Connect the SFF-8654 connector of the 8654-CIO8-110 cable to the R1528D.



6. Connect the MCIO connector of the 8654-CIO8-110 cable to the MCIO-PCIEX16-G5.



7. Connect the system's power connector to the MCIO-PCIEX16-G5's external power port.



8. Hold the GPU by its edges, insert it connector-down into the PCIe slot.

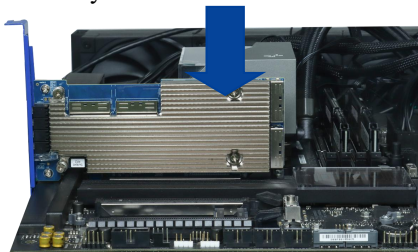


9. Turn on the power to the system.

With the MCIO Connector Hardware Installation

Using the R1628A (supporting MCIO) as example, the hardware installation process is described below.

1. Use a wired ESD wrist strap that is properly grounded.
2. Unpack and remove the MCIO-PCIEX16-G5 and check it for damage. If it appears damaged, please get in touch with HighPoint Technical Support.
3. Shut down the system and disconnect the AC power cord.
4. Align the R1628A to one of the motherboard's available slots. Press down gently but firmly to seat the R1628A correctly in the slot.



5. Connect the MCIO connector of the CIO8-CIO8-110 cable to the R1628A.



6. Connect the MCIO connector of the CIO8-CIO8-110 cable to the MCIO-PCIEX16-G5.



7. Connect the system's power connector to the MCIO-PCIEX16-G5's external power port.



8. Hold the GPU by its edges, insert it connector-down into the PCIe slot.



9. Turn on the power to the system.

Notes:

- Ensure the all parts are connected securely. Loose connections can lead to various problems, including instability and slower-than-expected performance.

- For the R1528D/ R1628A to the MCIO-PCIEX16-G5 port matching:

- Bandwidth x16 requires bonded pairing of MCIO-PCIEX16-G5's Port1/2 to R1528D/R1628A's Port1/2 or Port3/4.

- Bandwidth x8 permits unrestricted port connections.

Resources

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

<https://www.highpoint-tech.com/mcio-pciex16-gen5-expansion-bridge-card>

FAQ & Troubleshooting:

[FAQ - HighPoint Technologies, Inc. \(helpjuice.com\)](#)

Customer Support

If you encounter any problems while utilizing the MCIO-PCIEX16-G5 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>