



AMD Infinity Fabric™ Link

User Guide

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Important Safety Instructions

Note: This product is for use only with compatible UL-listed personal computers that have installation instructions detailing user installation of this class of product.

Read all instructions before beginning installation. All safety and installation instructions should be read before the product is installed or operated.

Retain all instructions. Safety, installation, and operating instructions should be retained for future reference.

Heed all warnings. All warnings regarding the product and its operating instructions should be obeyed.

Use appropriate grounding.

Caution:

[Where applicable] For continued protection against the risk of electric shock and fire, install this accessory only in products equipped with a three-wire grounding plug, a plug having a third (grounding) pin. This is a safety feature. Do not remove the grounding pin of a three-pin plug.

Attach product securely. All product-securing screws or fasteners should be completely tightened in order to provide continuous bonding between the product and the PC chassis, as appropriate.

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Chapter 1

Getting Started

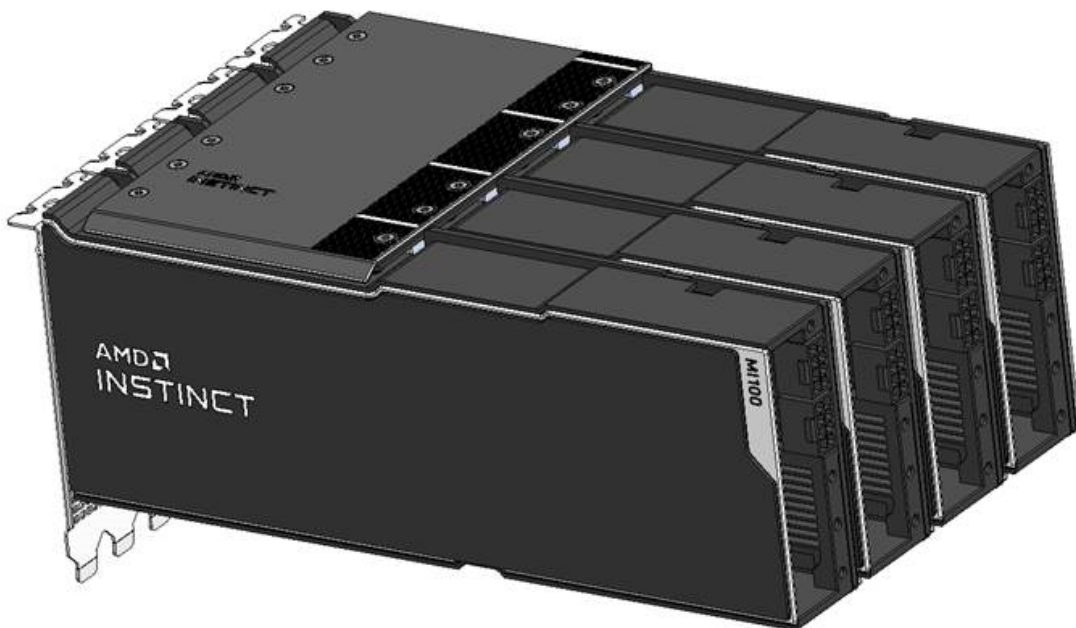
Before you begin installing your new Infinity Fabric™ Link, visually inspect the bridge and any components that may have shipped with it, and contact your AMD reseller in the event of missing or damaged parts. Also make sure that you have the proper system requirements and have reviewed the pre-installation information outlined in this chapter.

1.1 Introduction

The MI100 accelerator supports the following Infinity Fabric™ link arrangement:

- 4 Piece (P/N: 102-D34601-00)

Figure 1-1 D34601 – D343 4P Infinity Fabric™ Link Arrangement

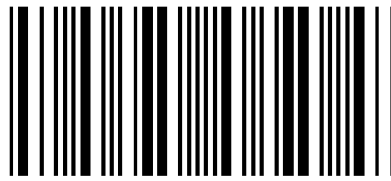


1.2 Recording the Serial and Part Numbers

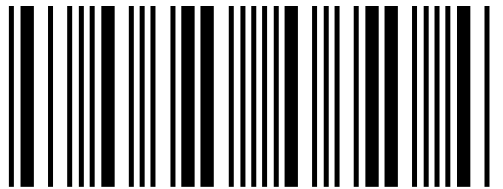
Write down the serial number and part number before installing your product. The serial number and 102 part number on the product are required for registration and free support. They are located on a sticker on the back of your product.

The emphasized numbers in bold are required for registration and free support.

Figure 1–2 Sample Serial and Part Numbers



S/N (01)0072741548020 (21) **000000 000000**



P/N **1028360100** 057805 MADE IN CHINA

Chapter 2

Hardware Installation

This chapter details how to install your Infinity Fabric™ link.

2.1 Installation Overview

Once you have determined that your system meets the minimum requirements, perform the following tasks to install your Infinity Fabric™ link.

Detailed installation instructions are provided in the following sections.

1. Turn off and disconnect your server system from power.
2. If needed, remove any existing bridge.
3. Install the new Infinity Fabric™ link.
4. Start the server system and install the new AMD graphics drivers and configuration software.
5. Restart the system.

2.2 Connecting the Accelerator with Infinity Fabric™ link

Relevant information prior to connecting cards through Infinity Fabric™ link should go here.

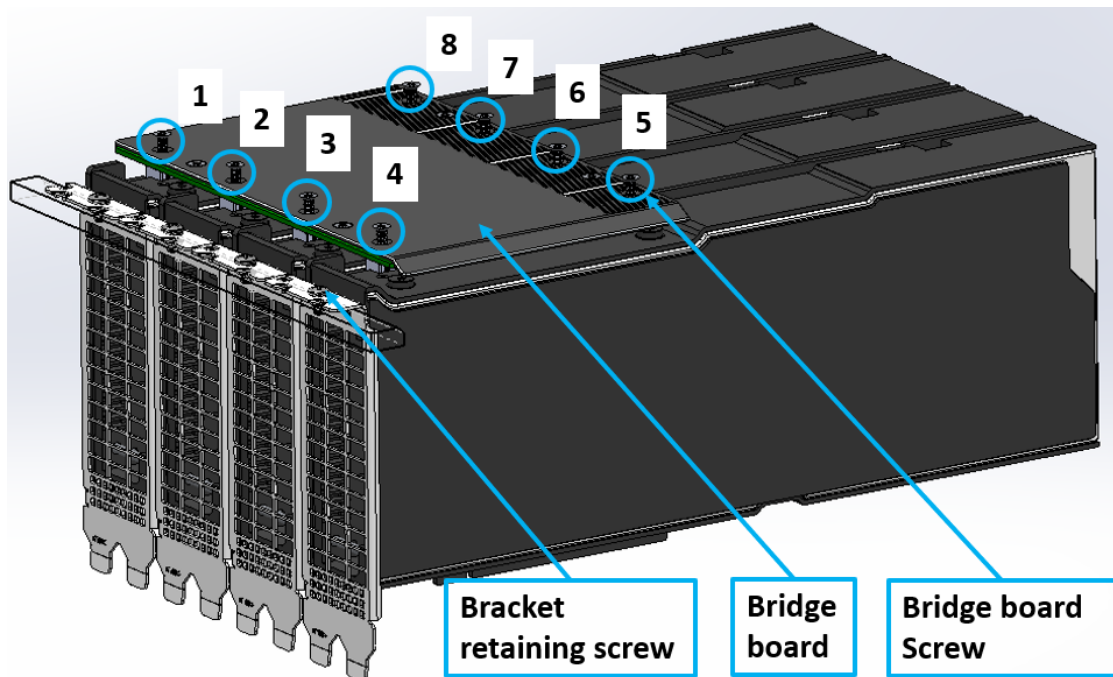
1. Identify the accelerator and desired AMD Infinity Fabric™ Link arrangement you will be using.

Caution:

Static electricity can seriously damage computer components. Discharge your body's static electricity by touching a metal surface before you touch any components.

Note: Install the four accelerator cards with an AMD Infinity Fabric™ Link ON as a 4-card assembly.

Figure 2-1 Four-card Assembly



2. Loosen the retaining screws at the top of the bracket to allow each GPU to self-center to the slots on the bridge board.
3. Align the AMD Infinity Fabric™ Link interconnect bridge with the slots at the top of the accelerators and carefully push the bridge board down until flush with the first row of golden fingers.

Important: Remember to use even pressure on each of the connectors.

4. Using a Torx head screw driver, screw each of the eight screws in a 1-2-3-4-5-6-7-8 pattern. Use one half of a full screw rotation (180 degrees, - clockwise) until the AMD Infinity Fabric™ Link interconnect bridge is fixed on the tray.
5. Finish tightening the retaining screws on the top of the PCIe card bracket.

Chapter 3

Reference

The following section offers troubleshooting tips and provides customer care, warranty, and compliance information.

3.1 Troubleshooting

Note: Some troubleshooting tips may not be applicable depending on the display options supported by and configured for your card.

3.2 Customer Care

The AMD Customer Care Web site has number of helpful resources, including a knowledgebase of FAQs and the AMD Instinct Workstation Graphics Web Ticket Submission Page.

The Web site is complimentary and available at all times. The address is <http://support.amd.com>.

3.2.1 Contact Information

If you experience difficulties with your product, you can contact AMD Customer Care in the following ways.

The latest contact information and tips for faster service can be found on the AMD Global Technical Support page at <http://support.amd.com>.

3.2.2 Disclaimer

AMD Customer Care for Graphics Products will work to resolve your issue and help you to get your product up and running. If your issue is not resolved, our technicians will determine whether the difficulty you are experiencing is the result of the product,

whether your product contains a defect, and whether your product is under warranty.

- AMD Customer Care is unable to assist with refunds, returns, or exchange-specific inquiries. If resolving the problem being experienced is critical to your decision to keep the product, it is your responsibility to ensure that you know and are within the period of time your reseller will allow for refunds, returns, or exchange.
- AMD is not responsible for any expense incurred accessing Customer Care. It is expected that customers will review the expense associated with the available support options and will choose the method that best meets their needs and budget.
- AMD Customer Care reserves the right to limit support options for products that are not registered or are reaching end of life.

3.3 International Compliance Information

This section details the worldwide compliance information for this product, which is manufactured to be compliant in the regions where it is sold.

AMD products are either Class A or Class B compliant and are indicated accordingly on the compliance label for each product. The following regulatory information applies to Class A and Class B products.

Any modifications to this device or its usage in an open chassis if not expressly approved by Advanced Micro Devices, Inc. may impact its compliance.

3.3.1 FCC Compliance Information (USA)

Class A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following 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.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are design to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case, the user will be required to correct the interference at his own expense.

Warning:

Changes or modifications to this device not expressly approved by Advanced Micro Devices, Inc. could void the user's authority to operate the equipment.

FCC Part 15, Subpart B, Class A

Class B

This product complies with FCC Rules Part 15. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits 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 manufacturer's 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:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to 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.

The use of shielded cables for connection of the monitor to the graphics product is required to ensure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC 15, Subpart B, Class B

For further compliance information:

Advanced Micro Devices, Inc.
1 AMD Place
P.O. Box 3453
Sunnyvale, CA 94088-3453
USA Tel: 408-749-4000

3.3.2 Industry Canada Compliance Statement (Canada)

Class A

This Class A digital apparatus complies with Canadian ICES-003: CAN ICES-3(A)/NMB-3(A).

Cet appareil numérique de la Classe A est conforme à la norme CAN ICES-3(A)/NMB-3(A) du Canada

Class B

This Class B digital apparatus complies with Canadian ICES-003: CAN ICES-3(B)/NMB-3(B).

Cet appareil numérique de la Classe B est conforme à la norme CAN ICES-3(B)/NMB-3(B) du Canada.

3.3.3 CE Compliance Information (European Union)

Class A

Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

EMC Directive 2014/30/EU

CISPR 32/EN 55032—Class A: Limits and methods of measurement of radio disturbance characteristics of Information Technology Equipment.

CISPR 24/EN 55024—Information Technology Equipment—Immunity Characteristics—Limits and Methods of Measurements

Class B

EMC Directive 2014/30/EU

CISPR 32/EN 55032—Class B: Limits and methods of measurement of radio disturbance characteristics of Information Technology Equipment.

CISPR 24/EN 55024—Information Technology Equipment—Immunity Characteristics—Limits and Methods of Measurements

3.3.4 Electrical Safety

Europe: The Low Voltage Directive—2014/35/EU

- EN 62368-1 (Audio/Video, Information and Communication Technology Equipment Part 1: Safety Requirements)

USA/Canada:

- UL 62368-1 (Audio/Video, Information and Communication Technology Equipment Part 1: Safety Requirements)
- CAN/CSA C22.2 No. 62368-1 (Audio/Video, Information and Communication Technology Equipment Part 1: Safety Requirements)

International:

- IEC 62368-1 (Audio/Video, Information and Communication Technology Equipment Part 1: Safety Requirements)

To meet UL safety requirements, the computer's maximum room temperature should not exceed 40 °C.

This product complies with the PCI Express 300W Electromechanical Specification — please refer to the manufacturer for additional information. Other relevant input power data will also be available.



3.3.5 VCCI ITE Compliance Information (Japan)

Class A

この装置は、クラス A 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI-A

Translation:

This is a Class A product based on the standard of the VCCI Council. If this equipment is used in a domestic environment, radio interference may occur, in which case, the user may be required to take corrective actions.

VCCI-CISPR32 V-3

Class B



この装置は、クラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

Translation:

This is a Class B product based on the standard of the VCCI Council. If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

VCCI-CISPR32 V-3

3.3.6 KC Certification Information (Korea)



Class A

사용자안내문

사 용 자 안 내 문
이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

※ 사용자 안내문은 “업무용 방송통신기자재”에만 적용한다.

Translation:

"Class A" Equipment (Business purpose broadcast communications equipment)

As this equipment is an electromagnetic compatible product for business purposes (Class A), the seller and/or user is asked to beware of this point and ensure that the equipment is used outside of residential areas.

3.3.7 BSMI Certification Information (Taiwan)

Class A

警告使用者：
這是甲類的資訊產品，在居住的環境中使用
時，可能會造成射頻干擾，在這種情況下，
使用者會被要求採取某些適當的對策。

Translation:

This is a Class A Information Product, when used in residential environment, it may cause radio frequency interference, under such circumstances, the user may be requested to take appropriate countermeasures.



CNS13438

Class B



CNS13438

3.3.8 RCM (Australia and New Zealand)



ACMA — Australian Communications and Media Authority

- Radiocommunications Act 1992 (Australia)—per notices of section 182
- AS/ NZS CISPR 32

3.3.9 Product Environmental Compliance

This product may carry a marking similar to those below that indicates its level of compliance with China RoHS standards.



For information on China RoHS, EU RoHS, or EU REACH compliance, please refer to [Product Environmental Compliance](#) on the AMD Web site.

3.3.10 Waste Electrical and Electronic Equipment (WEEE) Directive Compliance (European Union)

This product was manufactured by Advanced Micro Devices, Inc.

