

GIGABYTE GP-ASACNE6800TTTDA Built-In AIC Adapter



GIGABYTE GP-ASACNE6800TTTDA Built In AIC Adapter User Manual

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GIGABYTE™

GIGABYTE GP-ASACNE6800TTTDA Built-In AIC Adapter



Product Specifications

- Interface: PCI Express x16, compatible with PCI Express x16 and x8 slots
- LED: 4 x M.2 activity LEDs
- Storage Interface: 4 x M.2 connectors (Socket 3, M key, type 2242/2260/2280/22110 PCIe x4 SSD support)
- M.2 Storage: 4 x M.2 2TB Gen4 SSDs
- Dimension: 26.2cm x 11.5cm

Product Usage Instructions

Remove the M.2 protective films

1. Remove the M.2 protective films from the heatsink cover and adapter card as indicated.

Install the M.2 SSD

1. Use a screwdriver to unfasten the screw and standoff.
2. Locate the proper mounting hole for the M.2 SSD to be installed.
3. Screw the standoff first.
4. Slide the M.2 SSD into the connector.

FAQ

Q: Can I install this product in a PCI Express x8 slot?

A: Yes, you can install this product in a PCI Express x8 slot. However, please note that only the M2_1 and M2_2 connectors can be used in this configuration.

Q: What types of M.2 SSDs are supported?

A: The product supports M.2 PCIe SSDs with a Socket 3, M key, and type 2242/2260/2280/22110.

Q: Can I use RAID with this product?

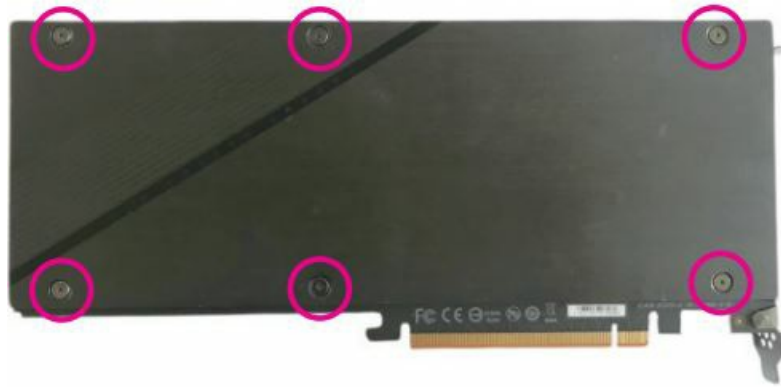
A: Yes, the product supports RAID 0, RAID 1, and RAID 10 for the M.2 SSDs.

Q: What is the dimension of the product?

A: The product has a dimension of 26.2cm x 11.5cm.

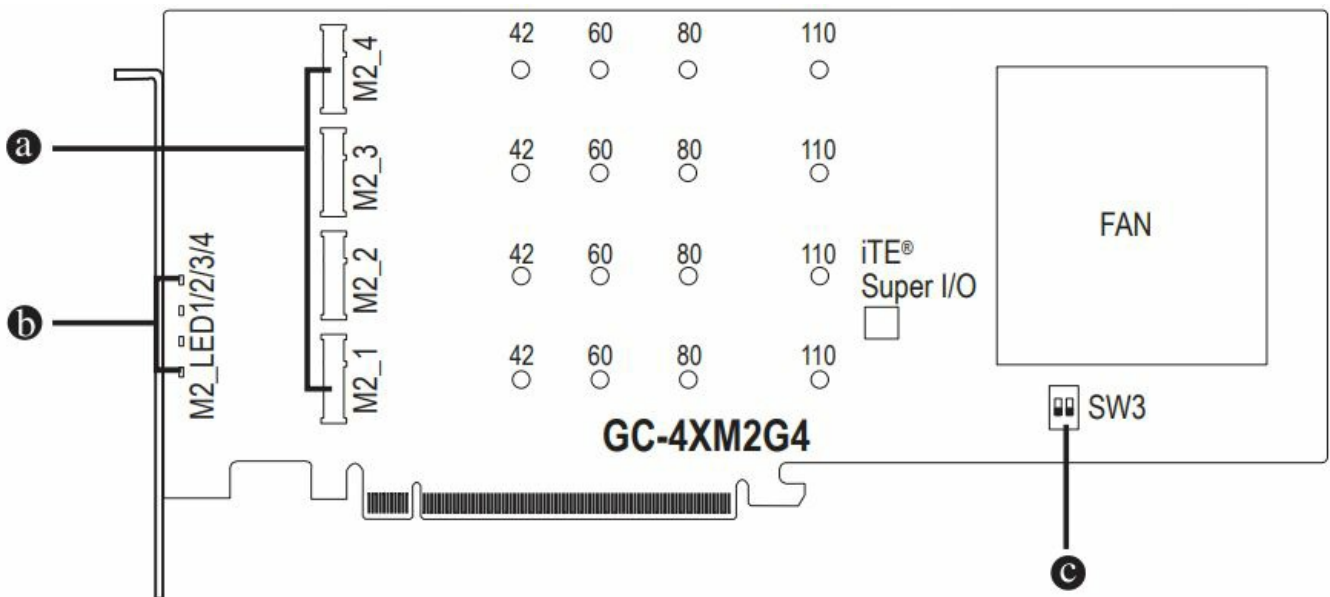
To reduce the impacts of global warming, the packaging materials of this product are recyclable and reusable. GIGABYTE works with you to protect the environment.

Before Installing or Setting up



Unfasten the six screws from the back of the adapter card with a screwdriver and then remove the backplate.

Connectors



- **M2_1/M2_2/M2_3/M2_4 (M.2 Socket 3)**

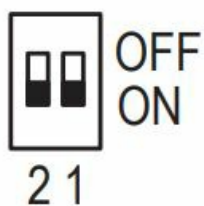
You can install M.2 PCIe SSDs in the connectors.

- **M2_LED1/23/4 (M.2 Activity Indicator)**

The LED blinks when your M.2 PCIe SSD is being accessed.

- **SW3**

If you want to install more than one adapter card, make sure to follow the table below to set the address priority for each card.



	1	2
First Card/	ON	ON
Second Card/	ON	OFF
Third Card/	OFF	ON

Product Specifications

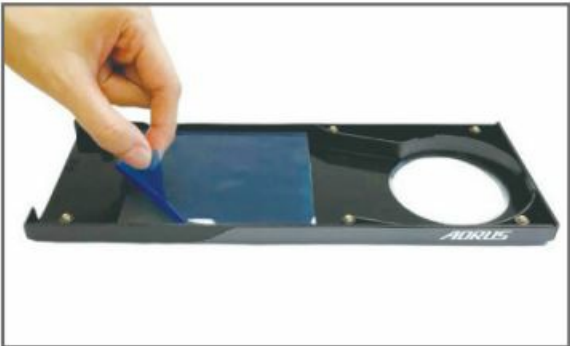
Interface	◆ PCI Express x16, compatible with PCI Express x16 and x8 slots (If the adapter card is installed in a x8 slot, only the M2_1 and M2_2 connectors can be used.)
LED	◆ 4 x M.2 activity LEDs
Storage Interface	◆ 4 x M.2 connectors (Socket 3, M key, type 2242/2260/2280/22110 PCIe x4 SSD support) ◆ Support for RAID 0, RAID 1, and RAID 10 (Note 1)
M.2 Storage	◆ 4 x M.2 2TB Gen4 SSDs (Note 2)
Dimension	◆ 26.2cm x 11.5cm

- (Note 1) Supported RAID levels vary by platform.
- (Note 2) Included only with the GP-ASACNE6800TTTDA model.

Installing an M.2 SSD

Step 1

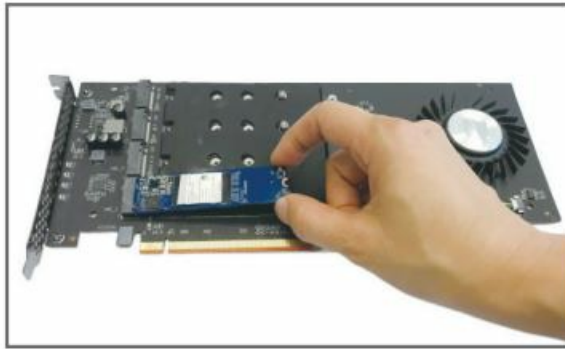
Remove the M.2 protective films from the heatsink cover and adapter card as indicated.



(Note) For the GC-4XM2G4 only.

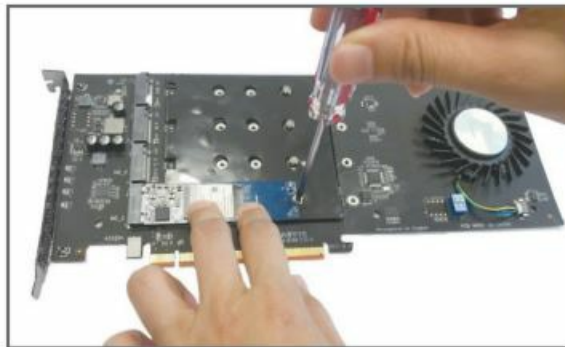
Step 2

Use a screwdriver to unfasten the screw and standoff. Locate the proper mounting hole for the M.2 SSD to be installed and then screw the standoff first. Then slide it into the connector at an angle.



Step 3

Press the M.2 SSD down and then secure it with the screw.



Contact Us

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- WEB address (English): <https://www.gigabyte.com>
- WEB address (Chinese): <https://www.gigabyte.com/tw>

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Declaration of Conformity

We, Manufacturer/Importer,

G.B.T. Technology Trading GmbH

Address: **Bullenkoppel 16, 22047 Hamburg, Germany**

Declare that the product

Product Type: **AORUS Gen4 AIC Adaptor**

Product Name: **GC-4XM2G4**

conforms with the essential requirements of the following directives:

☒ **EMC Directive 2014/30/EU:**

<input checked="" type="checkbox"/> Conduction & Radiated Emissions:	EN 55032:2012+AC:2013
<input checked="" type="checkbox"/> Immunity:	EN 55024:2010+A1:2015
<input checked="" type="checkbox"/> Power-line harmonics:	EN 61000-3-2:2014
<input checked="" type="checkbox"/> Power-line flicker:	EN 61000-3-3:2013

☒ **Low Voltage Directive 2014/35/EU:**

<input checked="" type="checkbox"/> Safety:	EN60950-1:2006+A11:2009+A12:2011+A2:2013
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☒ **RoHS Directive 2011/65/EU**

<input checked="" type="checkbox"/> Restriction of use of certain substances in electronic equipment:	This product does not contain any of the restricted substances listed in Annex II, in concentrations and applications banned by the directive.
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☒ **CE marking**



Signature: Timmy Huang

(Stamp)

Date: Sept. 12, 2019

Name: Timmy Huang

DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2.1077(a)



Responsible Party Name: **G.B.T. INC. (U.S.A.)**

Address: **17358 Railroad Street**

City of Industry, CA 91748

Phone/Fax No: **(626) 854-9338/ (626) 854-9326**

hereby declares that the product

Product Name: AORUS Gen4 AIC Adaptor

Model Number: GC-4XM2G4

Conforms to the following specifications:

FCC Part 15, Subpart B, Section 15.107(a) and Section 15.109 (a), Class B Digital Device

Supplementary Information:

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 and (2) this device must accept any interference received, including that may cause undesired operation.

Representative Person's Name: ERIC LU

Signature: Eric Lu

Date: Sept. 12, 2019

Regulatory Statements

Regulatory Notices

This document must not be copied without our written permission, and the contents thereof must not be imparted to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted. We believe that the information contained herein was accurate in all respects at the time of printing. GIGABYTE cannot, however, assume any responsibility for errors or omissions in this text. Also note that the information in this document is subject to change without notice and should not be construed as a commitment by GIGABYTE.

Our Commitment to Preserving the Environment

In addition to high-efficiency performance, all GIGABYTE motherboards fulfill European Union regulations for RoHS (Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment) and WEEE (Waste Electrical and Electronic Equipment) environmental directives, as well as most major worldwide safety requirements. To prevent the release of harmful substances into the environment and to maximize the use of our natural resources, GIGABYTE provides the following information on how you can responsibly recycle or reuse most of the materials in your "end-of-life" product.

Restriction of Hazardous Substances (RoHS) Directive Statement

GIGABYTE products are not intended to add and safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE and PBB). The parts and components have been carefully selected to meet RoHS requirements. Moreover, we at GIGABYTE are continuing our efforts to develop products that do not use internationally banned toxic chemicals.

Waste Electrical & Electronic Equipment (WEEE) Directive Statement

GIGABYTE will fulfill the national laws as interpreted from the 2012/19/EU WEEE (Waste Electrical and Electronic Equipment) directive. The WEEE Directive specifies the treatment, collection, recycling and disposal of electric and electronic devices and their components. Under the Directive, used equipment must be marked, collected separately, and disposed of properly.

WEEE Symbol Statement

The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local government office, your household waste disposal service or where you purchased the product for details of environmentally safe recycling.

- When your electrical or electronic equipment is no longer useful to you, “take it back” to your local or regional waste collection administration for recycling.
- If you need further assistance in recycling, or reusing in your “end of life” product, you may contact us at the Customer Care number listed in your product’s user’s manual and we will be glad to help you with your effort.

Finally, we suggest that you practice other environmentally friendly actions by understanding and using the energy-saving features of this product (where applicable), recycling the inner and outer packaging (including shipping containers) this product was delivered in, and by disposing of or recycling used batteries properly. With your help, we can reduce the amount of natural resources needed to produce electrical and electronic equipment, minimize the use of landfills for the disposal of “end of life” products, and generally improve our quality of life by ensuring that potentially hazardous substances are not released into the environment and are disposed of properly

Battery Information

European Union—Disposal and recycling information GIGABYTE Recycling Program (available in some regions)
This symbol indicates that this product and/or battery should not be disposed of with household waste. You must use the public collection system to return, recycle, or treat them in compliance with local regulations.

GIGABYTE Solid State Drive (SSD) – Limited Warranty

Thank you for purchasing a GIGABYTE Solid State Drive(SSD). Before using this product, please read and review the Limited Warranty thoroughly. Your use of this product indicates that you have accepted and agreed to the terms and conditions of this Limited Warranty statement. GIGABYTE warrants to the original purchasers of this Product that this Product (excluding content and/or software, if applicable, supplied with or within the Product) will be free from material defects in manufacture, conform to GIGABYTE ‘s published product specifications and be fit for normal use during the applicable “Warranty Period” specified below.

- The “Warranty Period” referred to above is: certain years from the date of delivery of the Product, provided the Product conforms to and is used in accordance with GIGABYTE’s applicable product data sheet and product endurance specification. Warranty period may vary by country, please visit the GIGABYTE website for more detailed information or contact with local RMA service center.
- Warranty coverage requires proof of purchase documentation with evidence of the date of purchase (sales receipt or invoice) and original packaging.
- Should GIGABYTE, under its discretion, deem that the product suffers from material defects in manufacture, GIGABYTE’s sole obligation under this warranty is to replace or repair for free of charge, the defective product or all of the product’s defective parts.
- If this Warranty covers a returned Product, the returned Product may be repaired or an equivalent product to the Product may be made available by the Reseller to the original purchaser. The previous sentence describes the sole and exclusive remedy available in the event this Warranty covers a returned Product.
- These warranties are valid only for the original owner of the product. GIGABYTE will not extend their warranty to items that are purchased secondhand. This warranty is not assignable; products purchased from secondhand sources are not covered in the warranty by GIGABYTE. This is still true even if the product or

packaging appears sealed, advertised as new, or never used in any way. GIGABYTE only offers warranties for items sold by authorized retailers, system builders, and distributors.


- This Warranty does not cover any damage to this Product that results from accident, abuse, misuse, natural or personal disaster, or any unauthorized disassembly, repair or modification.
- A Product will be considered to have a material defect or to be materially defective only if such Product does not meet the stated design lifetime (up to the applicable Warranty Period), is returned to the appropriate location within the Warranty Period, and is subject to applicable performance threshold information contained in the Product's GIGABYTE data sheet.
- The original purchaser must ensure to the extent possible that all data is removed from the Product, and if it is not the case that all data is or can be removed, the original purchaser shall indemnify, defend and hold harmless GIGABYTE and the Reseller for any possible liabilities associated with the potential presence in the returned Product of sensitive and/or personal data, regardless of whether this data relates to the original purchaser or any other third party.
- It is possible for a drive to be used under conditions that cause the media to wear out (and the Warranty to expire) prior to the expiration of the stated time period in the Warranty, as specified in the applicable endurance specification linked below.
- Please check for more details on the GIGABYTE Website. <https://www.gigabyte.com/>
- GIGABYTE shall not be liable for (a) any incidental, indirect, special, exemplary, punitive or consequential damages, including but not limited to loss of profits and/or loss of data, other loss, damage or expense directly or indirectly arising from any defect or inability to use the Product or poor performance, either separately or in combination with other equipment, regardless of whether GIGABYTE or the original purchaser has been advised of the possibility of such damages, nor (b) any amounts in the aggregate in excess of the purchase price paid for the applicable Product(s). GIGABYTE is not liable for and does not cover under warranty, any costs associated with servicing and/or the installation of GIGABYTE products, including the Product.
- This Warranty sets forth the entire liability and obligations of GIGABYTE with respect to defects, breach of warranty or any other failure to perform or meet specification associated with any Products.
- GIGABYTE Warranty Guidelines GIGABYTE products, including the Product, must not be used in applications where failure could threaten injury or life, such as aviation, automotive, nuclear, medical or life support systems (or any other form of ultra-hazardous applications), and under no circumstances shall GIGABYTE offer any warranty or have any obligations arising from any such Product uses.
- Buyer acknowledges that the goods sold by GIGABYTE are being used or incorporated into other products or systems, and the ultimate safety of those products or systems are the sole responsibility of Buyer.
- This warranty applies only on the condition that the product has been installed, maintained and operated under conditions of normal use and in accordance with the installation guide provided herewith.
- The provisions of this warranty shall not apply if, in GIGABYTE's sole judgment, the product has been subject to misuse or neglect, improper installation, damaged in an accident, or repaired or altered in any way that affects its performance or reliability.
- Buyer assumes all risks and liabilities for the use of GIGABYTE products in other products or systems. In addition, GIGABYTE is not responsible for any archival, backup or disaster recovery services.

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Documents / Resources

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References

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