

GP-ASACNE2200TTTDA/ GC-4XM2HR

User's Manual

12WE6-4XM2HR-10AR



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

Declaration of Conformity

We, Manufacturer/importer,

G.J.T, Technology Trading GmbH

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

Declare that the product

Product Type: **AORUS RAID SSD 2TB**

Product Name: **GP-ASACNE2200TTDA**

conforms with the essential requirements of the following directives:

EMC Directive 2014/53/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 |
|---|--|

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 B, in concentrations and applications banned by the directive. |
|---|---|

CE marking



Signature: Timmy Huang

(date)

Date: Dec. 31, 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 RAID SSD 2TB

Model Number: GP-ASACNE2200TTDA

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: Dec. 31, 2019

Declaration of Conformity

We, Manufacturer/Importer,

G.J.T., Technology Trading GmbH

Address: Bültenkoppel 16, 22047 Hamburg, Germany

Declare that the product

Product Type: **AORUS RAID Adaptor**

Product Name: **GC-4XM2HR**

conforms with the essential requirements of the following directives:

EMC Directive 2014/53/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.
---	--

CE marking



Signature: Timmy Huang

date:

Date: Dec. 31, 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**

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

hereby declares that the product

Product Name: AORUS RAID Adaptor

Model Number: GC-4XM2HR

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:

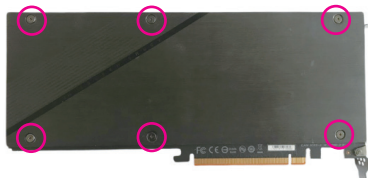
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful and (2) this device must accept any interference received, including that may cause undesired operation.

Representative Person's Name: ERIC LU

Signature: Eric Lu

Date: Dec. 31, 2019

Before Installing or Setting up • 安裝或設定前 • 安裝或設置前
インストールまたはセットアップする前に • 설치 또는 설정하기 전에



請用螺絲起子卸下位於轉接卡背面的六個螺絲，再將外殼移除。

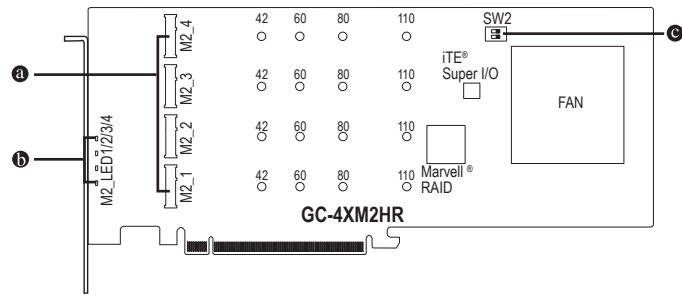
請用螺絲起子卸下位於擴展卡背面的六個螺絲，再將外殼移除。

ドライバーを使用してアダプターカードの背面から6本のネジを外し、バックプレートを取り外します。

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

나사 드라이버로 어댑터 카드 뒷면에서 6 개의 나사를 풀고 후면판을 제거하십시오.

Connectors • 插座介紹 • 接口介紹 • konekta • 커넥터



④ **M2_1/M2_2/M2_3/M2_4 (M.2 Socket 3 Connectors/M.2 Socket 3插座)**

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

您可以安裝M.2 PCIe SSD至這些插座。

您可以安裝M.2 PCI-E SSD至這些插槽。

コネクタに M.2 PCIe SSD をインストールできます。

커넥터에 M.2 PCIe SSD를 설치할 수 있습니다.

⑤ **M2_LED1/2/3/4 (M.2 Activity Indicator LEDs/M.2 動作指示燈)**

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

當M.2 PCIe SSD有存取動作時指示燈即會亮起。

當M.2 PCI-E SSD有读写动作时指示灯就会亮起。

M.2 PCIe SSD にアクセスしているときに LED が点滅します。

M.2 PCIe SSD에 액세스하면 LED가 깜박입니다.

● SW2

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.

若您安裝兩張以上的轉接卡，請依照下表設定轉接卡的位址順序。

若您安裝兩張以上的擴展卡，請依照下表設置擴展卡的位置順序。

複数のアダプタカードをインストールする場合は、以下の表に従って、各カードのアドレス優先度を設定してください。

두 개 이상의 어댑터 카드를 설치하려면 아래 표를 따라 각 카드의 주소 우선 순위를 설정하십시오.



	1	2
First Card/第一張卡	ON	ON
Second Card/第二張卡	ON	OFF
Third Card/第三張卡*	OFF	ON

* Support for the third card may vary by platform.

* 是否支援第三張卡會依不同的平台而定。

* 是否支持第三張卡會依不同的平台而定。

* 3番目のカードのサポートは、プラットフォームによって異なる場合があります。

* 세 번째 카드에 대한 지원은 플랫폼마다 다를 수 있습니다.

Product Specifications

Interface	<ul style="list-style-type: none">◆ PCI Express x16, compatible with PCI Express x8 slots<ul style="list-style-type: none">* For optimum performance, if two M.2 SSD are to be installed, be sure to install them in the M2_1 and M2_3 connectors.
LED	<ul style="list-style-type: none">◆ 4 x M.2 activity LEDs
Storage Interface	<ul style="list-style-type: none">◆ 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	<ul style="list-style-type: none">◆ 4 x M.2 512MB Gen3 SSDs ^(Note 2)
Dimension	<ul style="list-style-type: none">◆ 26.2cm x 11.5cm

(Note 1) Supported RAID levels vary by platform.

(Note 2) Included only with the GP-ASACNE2200TTTDA model.

產品規格

介面	<ul style="list-style-type: none">◆ PCI Express x16插槽，支援x8運作規格<ul style="list-style-type: none">* 為發揮最大效能，安裝兩隻M.2 SSD時，請務必安裝至M2_1/M2_3插座。
LED	<ul style="list-style-type: none">◆ 4個M.2動作指示燈
儲存設備介面	<ul style="list-style-type: none">◆ 4個M.2插座(支援Socket 3，M key，type 2242/2260/2280/22110 PCIe x4 SSD)◆ 支援RAID 0、RAID 1及RAID 10功能^(註一)
M.2 儲存設備	<ul style="list-style-type: none">◆ 4個M.2 512MB Gen3 SSD ^(註二)
尺寸	<ul style="list-style-type: none">◆ 26.2cm x 11.5cm

(註一) 支援RAID的模式，可能依使用平台而不同。

(註二) 只有GP-ASACNE2200TTTDA提供此設備。

产品规格

接口	<ul style="list-style-type: none">◆ PCI-E x16插槽, 支持x8运行规则<ul style="list-style-type: none">* 为发挥性能, 安装两个M.2 SSD时, 请务必安装至M2_1/M2_3插槽。
LED	<ul style="list-style-type: none">◆ 4个M.2动作指示灯
存储设备接口	<ul style="list-style-type: none">◆ 4个M.2插槽(支持Socket3, Mkey, type 2242/2260/2280/22110 PCIe x4 SSD)◆ 支持RAID 0、RAID 1及RAID 10功能 (注一)
M.2 存储设备	<ul style="list-style-type: none">◆ 4个M.2 512MB Gen3 SSD (注二)
尺寸	<ul style="list-style-type: none">◆ 26.2cm x 11.5cm

(注一) 支持RAID的模式, 可能依使用平台而不同。

(注二) 只有GP-ASACNE2200TTDA提供此设备。

製品の仕様

インターフェイス	<ul style="list-style-type: none">◆ PCI Express x16、PCI Express x8 スロットと互換性があります<ul style="list-style-type: none">* 最適なパフォーマンスを得るために、2つのM.2 SSDをインストールする場合は、M2_1およびM2_3コネクタに必ずインストールしてください。
LED	<ul style="list-style-type: none">◆ 4 x M.2 アクセス LED
ストレージインターフェイス	<ul style="list-style-type: none">◆ 4 x M.2 コネクタ (ソケット3、Mキー、タイプ2242/2260/2280/22110 PCIe x4 SSD 対応)◆ RAID 0、RAID 1、および RAID 10 対応 (注1)
M.2 ストレージ	<ul style="list-style-type: none">◆ 4 x M.2 512MB Gen3 SSD (注2)
サイズ	<ul style="list-style-type: none">◆ 26.2cm x 11.5cm

(注1) 対応する RAID レベルはプラットフォームによって異なります。

(注2) GP-ASACNE2200TTDA モデルにのみ含まれています。

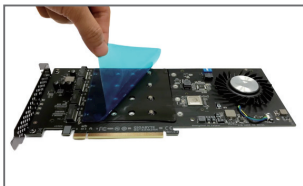
제품 사양

인터페이스	<ul style="list-style-type: none">PCI Express x8 슬롯과 호환되는 PCI Express x16 인터페이스* 최적의 성능을 위해 2 개의 M.2 SSD를 설치하려는 경우 M2_1 및 M2_3 커넥터에 설치하십시오.
LED	<ul style="list-style-type: none">M.2 작동 LED 4 개
저장 장치 인터페이스	<ul style="list-style-type: none">4 개의 M.2 커넥터 (소켓 3, M 키, 2242/2260/2280/22110 유형 PCIe x4 SSD 지원)RAID 0, RAID 1 및 RAID 10 지원 ^(주 1)
M.2 저장 장치	<ul style="list-style-type: none">M.2 512MB Gen3 SSD 4 개 ^(주 2)
치수	<ul style="list-style-type: none">26.2cm x 11.5cm

(주 1) 지원되는 RAID 레벨은 플랫폼에 따라 다릅니다.

(주 2) GP-ASACNE2200TTTDA 모델에만 포함됩니다.

Installing an M.2 SSD (Note) • 安裝 M.2 SSD (註) • 安裝 M.2 SSD (註) • M.2 SSD 의インストール (註) • M.2 SSD 설치 (주)



Step 1:

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

步驟一：

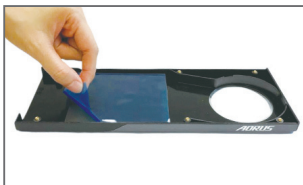
請先撕除外殼及轉接卡上的M.2 導熱片保護膜。

步驟一：

請先撕除外殼及轉接卡上的M.2導熱墊保護膜。

ステップ1:

示されているように、ヒートシンクカバーとアダプターカードから M.2 保護フィルムを取り外します。



1 단계:

표시된대로 방열판 덮개 및 어댑터 카드에서 M.2 보호 필름을 제거하십시오.

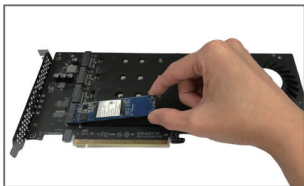
(Note) For the GC-4XM2HR only.

(註) 只有GC-4XM2HR需要此步驟。

(註) 只有GC-4XM2HR需要此步驟。

(註) GC-4XM2HRのみ。

(주) GC-4XM2HR 만 해당됩니다.



Step 2:

Use a screw driver 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.

步驟二：

請用螺絲起子依序將螺絲和螺柱拆下，依實際要安裝的M.2 SSD規格找到適合螺絲孔位之後，先鎖上螺柱，再將M.2 SSD以斜角方式放入插槽。

步驟二：

請用螺絲起子依序將螺絲和螺柱拆下，依實際要安裝的M.2 SSD規格找到適合螺絲孔位之後，先鎖上螺柱，再將M.2 SSD以斜角方式放入插槽。

ステップ2:

ドライバーを使用して、ネジとネジ受けを外します。取り付ける M.2 SSD の適切な取り付け穴を見つけ、最初にネジ受けをねじ込みます。次に、M.2 SSD を斜めにコネクタへ差し込みます。

2 단계:

나사 드라이버를 사용하여 나사와 스탠드 오프를 풀니다. M.2 SSD를 설치할 올바른 장착 구멍을 찾은 다음 먼저 스탠드 오프를 조입니다. 그런 다음 커넥터에 비스듬히 밀어 넣으십시오.



Step 3:
Press the M.2 SSD down and then secure it with the screw.

步驟三：
壓住M.2 SSD之後，再將螺絲鎖上。

步驟三：
壓住M.2 SSD之后，再將螺絲鎖上。

ステップ3:
M.2 SSD を押し下げてから、ネジで固定します。

3 단계:
M.2 SSD를 아래로 누른 다음 나사로 고정하십시오.



- For optimum performance, if two M.2 SSD are to be installed, be sure to install them in the M2_1 and M2_3 connectors.
- 為發揮最大效能，安裝兩隻M.2 SSD時，請務必安裝至M2_1/M2_3插座。
- 為發揮性能，安裝兩個M.2 SSD時，請務必安裝至M2_1/M2_3插槽。
- 最適なパフォーマンスを得るために、2つのM.2 SSDをインストールする場合は、M2_1およびM2_3コネクタに必ずインストールしてください。
- 최적의 성능을 위해 2 개의 M.2 SSD를 설치하려는 경우 M2_1 및 M2_3 커넥터에 설치하십시오.

Configure a RAID array • 設定RAID模式 • 設置RAID模式 •
RAID 배열을 설정합니다 • RAID 배열을 구성합니다

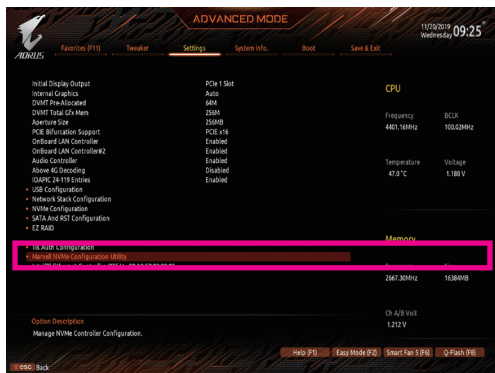
Turn on your computer and press <Delete> to enter BIOS Setup during the POST (Power-On Self-Test). Then enter the **Settings\Marvell NVMe Configuration Utility** sub-menu to configure a RAID array.

電源開啟後，BIOS在進行POST時，按下<Delete>鍵進入BIOS設定程式，再進入「Settings\Marvell NVMe Configuration Utility」子選單，設定RAID模式。

電源开启后BIOS在进行POST时，按下<Delete>键进入BIOS设置程序，再进入「Settings\Marvell NVMe Configuration Utility」子选单，设置RAID模式。

コンピュータの電源をオンにし、POST（パワーオンセルフテスト）中に<Delete>を押してBIOSセットアップに入ります。続いて**Settings\Marvell NVMe Configuration Utility**サブメニューに入り、RAID 배열을 설정してください。

POST(Power-On Self-Test) 중에 컴퓨터를 켜고 <Delete> 키를 눌러 BIOS 셋업으로 들어가십시오. 그런 다음 **Settings \ Marvell NVMe Configuration Utility**의 하위 메뉴로 들어가서 RAID 배열을 구성하십시오.



- The BIOS Setup menus described in this section may differ from the exact settings for your motherboard. The actual BIOS Setup menu options you will see shall depend on the motherboard you have and the BIOS version.
- 此部份所提及之BIOS組態設定選項及其敘述，並非所有主機板皆相同，需依您所選購的主機板及BIOS版本而定。
- 此部份所提及的BIOS程序設置選項及其敘述，并非所有主板都相同，需依您所選購的主板及BIOS版本而定。
- このセクションで説明した BIOS セットアップメニューは、マザーボードによって異なることがあります。表示される実際の BIOS セットアップオプションは、お使いのマザーボードおよび BIOS バージョンによって異なります。
- 이 절에서 설명한 BIOS 셋업 메뉴는 사용자 메인보드의 설정과 다를 수 있습니다. 실제 BIOS 설정 메뉴 옵션은 사용자 메인보드와 BIOS 버전에 따라 다릅니다.

Regulatory Statements

Regulatory Notices

This document must not be copied without our written permission, and the contents there of 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 releases 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 have 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 requirement. 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, 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 the 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 countries, please visit GIGABYTE website for more detail 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 which 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 which 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 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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中华人民共和国产品中有有害物质名称及含量标识格式

依照中华人民共和国的电器电子产品有害物质限制使用标识要求(China RoHS)提供以下的表格:



关于符合中国《电器电子产品有害物质限制使用管理办法》的声明 Administrative Measures for the Restricted Use of Hazardous Substances in Electrical and Electronic Products (China RoHS Declaration)

产品中有害物质的名称及含量
Hazardous Substances Table

部件名称(Parts)	有害物质(Hazardous Substances)					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr6+)	多溴联苯(PBBs)	多溴二苯醚 (PBDEs)
PCB板 PCB	○	○	○	○	○	○
结构件及风扇 Mechanical parts and Fan	×	○	○	○	○	○
芯片及其他主动零件 Chip and other Active components	×	○	○	○	○	○
连接器 Connectors	×	○	○	○	○	○
被动电子元件 Passive Components	×	○	○	○	○	○
线材 Cables	○	○	○	○	○	○
焊接金属 Soldering metal	○	○	○	○	○	○
油墨剂、粘合剂、封装及其他材料 Ink, Solder Paste, Label and other Consumable Materials	○	○	○	○	○	○
<p>These tables are prepared in accordance with the provisions of SJ/T 11364 本表格依据SJ/T 11364的规定编制。</p> <p>○: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572. 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。</p> <p>×: The content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572. 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求</p>						

BSMI CNS15663 限用物質含有情況標示聲明書

Declaration of the Presence Condition of the Restricted Substances Marking

設備名稱： Equipment name	型號 (型式)： Type designation (Type)					
	限用物質及其化學符號 Restricted substances and its chemical symbols					
單元Unit	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ^{VI})	多溴聯苯 Polybrominated diphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB紙 PCB	○	○	○	○	○	○
結構件及風扇 Mechanical parts and Fan	—	○	○	○	○	○
晶片及其他主動零件 Chip and other Active components	—	○	○	○	○	○
連接器 Connectors	—	○	○	○	○	○
被動電子元件 Passive Components	—	○	○	○	○	○
焊接金屬 Soldering metal	○	○	○	○	○	○
助焊劑、散熱膏、標籤及其他耗材 Flux, Solder Paste, Label and other Consumable Materials	○	○	○	○	○	○
備考1. "超出0.1 wt%"及"超出0.01 wt%"係指限用物質之百分比含量超出百分比含量基準值。 Note 1: "Exceeding 0.1 wt%" and "exceeding 0.01 wt%" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.						
備考2. "○"係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.						
備考3. "—"係指該項限用物質為排除項目。 Note 3: The "—" indicates that the restricted substance corresponds to the exemption.						



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