

# 4XM2G54TB

# GC-4XM2G5

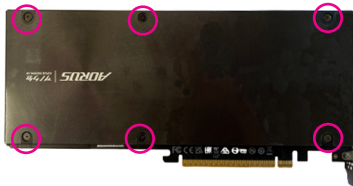
## User's Manual



GIGABYTE will reduce paper use in order to fulfill the responsibilities of a global citizen. Also, 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.

## 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 및 세팅 전



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

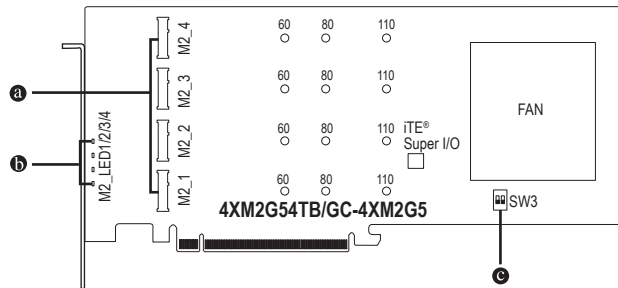
請用螺絲起子卸下位於轉接卡背面的六個螺絲，再將外殼移除。

請用螺丝起子卸下位于扩展卡背面的六个螺丝，再将外壳移除。

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。

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

## Connectors • 插座介紹 • 插槽介紹 • 코넥터 • 커넥터



④ **M2\_1/M2\_2/M2\_3/M2\_4 (M.2 Socket 3 Connectors/M.2 Socket 3插座/  
M.2 SSD插槽/M.2 소켓3 콘넥터/M.2 Socket 3 커넥터)**

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。

콘넥터에 M.2 PCIe SSD를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 Status LEDs/M.2 狀態指示燈/M.2 状态指示灯/  
M.2ステータスLED/M.2 상태 LED)**

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有读写動作時指示燈就會亮起。

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.

### ● 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.

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轉接卡，請依照下表設置轉接卡的位置順序。

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/第一張卡/最初のカード/첫 번째 카드	ON	ON
Second Card/第二張卡/第二張卡/セカンドカード/두 번째 카드	ON	OFF
Third Card/第三張卡/第三張卡/3枚目のカード/세 번째 카드	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_3 and M2_4 connectors can be used.)
LED	◆ 4 x M.2 Status LEDs
Storage Interface	◆ 4 x M.2 connectors (Socket 3, M key, type 2260/2280/22110 PCIe x5 SSD support) ◆ Support for RAID 0, RAID 1, and RAID 10 <sup>(Note 1)</sup>
M.2 Storage	◆ 4 x M.2 1TB Gen5 SSDs <sup>(Note 2)</sup>
Dimension	◆ 26.2cm x 11.5cm

(Note 1) Supported RAID levels vary by platform.

(Note 2) Included only with the 4XM2G54TB model.

## 產品規格

介面	◆ PCI Express x16插槽，支援x16或x8運作規格(如安裝在x8運作規格的插槽，僅支援M2_3/M2_4插座)
LED	◆ 4 個 M.2 狀態指示燈
儲存設備介面	◆ 4個M.2插座(支援Socket 3，M key，type 2260/2280/22110 PCIe x5 SSD) ◆ 支援RAID 0、RAID 1及RAID 10功能 <sup>(註一)</sup>
M.2 儲存設備	◆ 4個M.2 1TB Gen5 SSD <sup>(註二)</sup>
尺寸	◆ 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4XM2G54TB提供此設備。

## 产品规格

接口	◆ PCI-E x16插槽, 支持x16或x8运行规格 (如安装在x8运行规格的插槽, 仅支持M2_3/M2_4插槽)
LED	◆ 4个M.2状态指示灯
存储设备接口	◆ 4个M.2插槽(支持Socket 3, M key, type 2260/2280/22110 PCIe x5 SSD) ◆ 支持RAID 0、RAID 1及RAID 10功能 <sup>(注一)</sup>
M.2 存储设备	◆ 4个M.2 1TB Gen5 SSD <sup>(注二)</sup>
尺寸	◆ 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4XM2G54TB提供此设备。

## 製品の仕様

インターフェイス	◆ PCI Express x16、PCI Express x16 および x8 スロットと互換性があります（アダプタカードが x8 スロットに取り付けられている場合、M2_3 および M2_4 コネクタのみを使用できます。）
LED	◆ 4 x M.2 アクセス LED
ストレージインターフェイス	◆ 4 x M.2 コネクタ（ソケット3、Mキー、タイプ2260/2280/22110 PCIe x5 SSD 対応） ◆ RAID 0、RAID 1、および RAID 10 対応 <sup>(注1)</sup>
M.2 ストレージ	◆ 4 x M.2 1TB Gen5 SSD <sup>(注2)</sup>
サイズ	◆ 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) 4XM2G54TB モデルにのみ含まれています。



## 제품 사양

인터페이스	◆ PCI Express x16 및 x8 슬롯과 호환되는 PCI Express x16 인터페이스(어댑터 카드가 x8 슬롯에 설치된 경우 M2_3 및 M2_4 커넥터만 사용할 수 있습니다.)
LED	◆ M.2 상태 LED 4 개
저장 장치 인터페이스	◆ 4 개의 M.2 커넥터 (소켓 3, M 키, 2260/2280/22110 유형 PCIe x5 SSD 지원) ◆ RAID 0, RAID 1 및 RAID 10 지원 (주 1)
M.2 저장 장치	◆ M.2 1TB Gen5 SSD 4 개 (주 2)
규격	◆ 26.2cm x 11.5cm

(주 1) 지원되는 RAID 레벨은 플랫폼에 따라 다릅니다.

(주 2) 4XM2G54TB 모델에만 해당됩니다.

## Installing an M.2 SSD (Note) • 安裝 M.2 SSD (註) • 安裝 M.2 SSD (註) •

### M.2 SSD のインストール (注) • M.2 SSD 설치 (주)

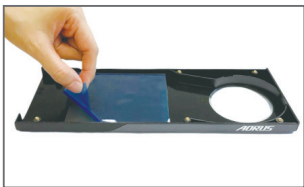


#### Step 1:

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.

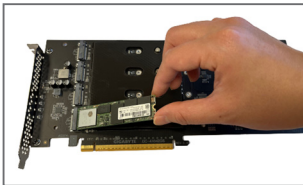
(Note) Only for GC-4XM2G5.

(註) 只有 GC-4XM2G5 需要此步驟。

(注) 只有 GC-4XM2G5 需要此步驟。

(注) GC-4XM2G5 のみ。

(주) GC-4XM2G5 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以斜角方式放入插座。

#### 步驟二：

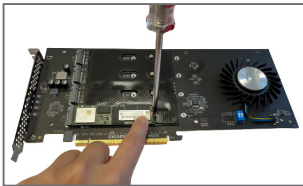
請用螺絲起子依序將螺絲和螺柱拆下，依實際要安裝的M.2 SSD規格找到適合螺絲孔位之後，先鎖上螺柱，再將M.2 SSD以斜角方式放入插槽。

#### 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。取り付けの 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 풉니다. 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。

步骤三：  
压住M.2 SSD之后，再将螺丝锁上。

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.

## Regulatory Notices

### United States of America, Federal Communications Commission Statement

#### Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information

Product Name: **PCle add in card**  
Trade Name: **GIGABYTE**  
Model Number: **4XM2G54TB/GC-4XM2G5**

Responsible Party – U.S. Contact Information: **G.B.T. Inc.**  
Address: 17358 Railroad street, City Of Industry, CA91748  
Tel.: 1-626-854-9338  
Internet contact information: <https://www.gigabyte.com>

#### **FCC Compliance Statement:**

This device complies with Part 15 of the FCC Rules, Subpart B, Unintentional Radiators.  
Operation is subject to the following two 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are 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:

- Reorient 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.

#### **Canadian Department of Communications Statement**

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. This class B digital apparatus complies with Canadian ICES-003.

#### **Avis de conformité à la réglementation d'Industrie Canada**

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

#### **European Union (EU) CE Declaration of Conformity**

This device complies with the following directives: Electromagnetic Compatibility Directive 2014/30/EU, Low-voltage Directive 2014/35/EU, RoHS directive (recast) 2011/65/EU & the 2015/863 Statement. This product has been tested and found to comply with all essential requirements of the Directives.

**European Union (EU) RoHS (recast) Directive 2011/65/EU & the European Commission Delegated Directive (EU) 2015/863 Statement**

GIGABYTE products have not intended to add and safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE, PBB, DEHP, BBP, DBP and DIBP). 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.

**European Union (EU) Community 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) (recast) 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.

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.

**End of Life Directives-Recycling**



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.

**Déclaration de Conformité aux Directives de l'Union européenne (UE)**

Cet appareil portant la marque CE est conforme aux directives de l'UE suivantes: directive Compatibilité Electromagnétique 2014/30/UE, directive Basse Tension 2014/35/UE et directive RoHS II 2011/65/UE. La conformité à ces directives est évaluée sur la base des normes européennes harmonisées applicables.

**European Union (EU) CE-Konformitätserklärung**

Dieses Produkte mit CE-Kennzeichnung erfüllen folgenden EU-Richtlinien: EMV-Richtlinie 2014/30/EU, Niederspannungsrichtlinie 2014/30/EU und RoHS-Richtlinie 2011/65/EU erfüllt. Die Konformität mit diesen Richtlinien wird unter Verwendung der entsprechenden Standards zur Europäischen Normierung beurteilt.

**CE declaração de conformidade**

Este produto com a marcação CE estão em conformidade com das seguintes Diretivas UE: Diretiva Baixa Tensão 2014/35/EU; Diretiva CEM 2014/30/EU; Diretiva RSP 2011/65/UE. A conformidade com estas diretivas é verificada utilizando as normas europeias harmonizadas.

**CE Declaración de conformidad**

Este producto que llevan la marca CE cumplen con las siguientes Directivas de la Unión Europea: Directiva EMC (2014/30/EU), Directiva de bajo voltaje (2014/35/EU), Directiva RoHS (recast) (2011/65/EU). El cumplimiento de estas directivas se evalúa mediante las normas europeas armonizadas.

## Dichiarazione di conformità CE

Questo prodotto è conforme alle seguenti direttive: Direttiva sulla compatibilità elettromagnetica 2014/30/UE, Direttiva sulla bassa tensione 2014/35/UE, Direttiva RoHS (rifusione) 2011/65/UE. Questo prodotto è stato testato e trovato conforme a tutti i requisiti essenziali delle Direttive.



D33006  
RoHS

### 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：M.2/PCIe SSD Module Equipment name	型號（型式）：4XM2G54TB/GC-4XM2G5 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+6)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
印刷電路板 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	—	○	○	○	○	○
被動電子元器件 Passive Components	—	○	○	○	○	○
外殼 Shell	○	○	○	○	○	○
連接器 Connectors	○	○	○	○	○	○
焊接金屬 Soldering metal	○	○	○	○	○	○

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.

**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 (Cr <sup>+</sup> )	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板 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	×	○	○	○	○	○
被动电子元器件 Passive Components	×	○	○	○	○	○
外壳 Housing	○	○	○	○	○	○
连接器 Connectors	○	○	○	○	○	○
焊接金属 Soldering metal	○	○	○	○	○	○
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。 ○：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。 ×：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。						







## 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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For product-related information, check on our website at: <https://www.gigabyte.com>

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