

# GIGABYTE™

12WE6-GR2616G-10AR

## Memory Module - Warranty Statement

The following limited lifetime warranty applies to GIGABYTE memory products. The limited warranty applies to the original end user customer of the product so long as the original end user customer owns the product. This limited warranty is non-transferable. GIGABYTE provides replacement or repair services to our customer for defective products within the applicable warranty period. If any, please check on <https://www.gigabyte.com> for more product detail.

### Limitation Of Warranty

This limited warranty covers only repairs or replacement of GIGABYTE products. Please note that GIGABYTE is not responsible for providing free repairs if any of the following applies:

1. Damage is caused by natural calamities, accidents, vandalism, power problems or any inappropriate usage.
2. Damage is caused by accessories, wrapping materials and refillable goods other than the memory module itself.
3. Product has been used with third-party accessories.
4. Product has been repaired or disassembled by unauthorized technicians.
5. The warranty label, product serial number is altered, damaged, unclear or missing.
6. Product serial number does not conform to the number issued by GIGABYTE or the label has been damaged.
7. Products were purchased from unauthorized distribution channels.
8. Product compatibility problems don't result from any defect in the GIGABYTE memory module.

### Duration of Warranty

Memory Modules are covered by a "limited lifetime warranty".\* The warranty period starts from the day of purchase. If the product is damaged due to natural causes, free maintenance service is provided during the product's service life. The lifetime warranty might not apply to customers in certain countries due to conflict of laws in those areas. Proof of the original purchase date is required for this Warranty Service.

\* Limited lifetime warranty refers to limited product lifetime warranty. Warranty period ends when product is no longer under production life cycle.

## Additional Remarks

For certain products, maintenance is done by replacing them with reserved products; therefore it is possible that after maintenance, the product returned to the consumer may not be the original one sent in for maintenance. Due to high product turnover, if the product is no longer under production or the original manufacturer no longer provides maintenance, GIGABYTE will replace it with a substitute.

## Caution


Recommended voltage is shown on DRAM label. Always turn off your computer before installing or removing a memory module. Only for specific Motherboards and/or CPUs can the product operate at specified data rate. GIGABYTE will not be liable for any damage resulting from user's improper over-clocking application or usage.

## Product Exchange and Information Required

Send the defective product back to the dealer where it was purchased. During the procedure, we may need you to specify in detail the product's model, serial number, date of purchase and describe the trouble you came across. To avoid damage due to poor packing, and/or shipping damage, use proper packing material when sending the device for service and repair.

After we receive the product requested for maintenance and confirm that the damage is due to the deficient manufacturing process or poor materials, we will immediately send you a well-functioning product. GIGABYTE only accepts product exchanges if the full package is sent back. Full package meaning all the material inside the package has to be returned for a valid swap.

<b>DECLARATION OF CONFORMITY</b> Per FCC Part 2 Section 2.1077(a)		<b>Responsible Party Name:</b> G.B.T. INC. (U.S.A.)
		<b>Address:</b> 17358 Railroad Street City of Industry, CA 91748 <b>Phone/Fax No:</b> (626) 854-9338 / (626) 854-9326
		<b>Product Name:</b> Memory Module <b>Model Number:</b> GP-GR26C16S8K2HU16
		herby declares that the product Conforms to the following specifications:
		<b>Supplementary Information:</b> FCC Part 15, Subpart B, Section 15.107(a) and Section 15.109 (a), Class B Digital Device 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: <u>ERIC LU</u> Signature: <u>Eric Lu</u> Date: <u>Sept. 14, 2018</u>

<b>Declaration of Conformity</b>	<b>We, Manufacturer/Importer,</b> G.B.T. Technology Trading GmbH Address: Bullenköppel 16, 22647 Hamburg, Germany
	<b>Declare that the product</b> Product Type: <b>Memory Module</b> Product Name: <b>GP-GR26C16S8KHU16</b>
conforms with the essential requirements of the following directives:	<input checked="" type="checkbox"/> <b>EMC Directive 2014/53/EU:</b> <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 filter: EN 61000-3-3:2013
	<input checked="" type="checkbox"/> <b>Low Voltage Directive 2014/35/EU:</b> <input checked="" type="checkbox"/> Safety: EN 60950-1:2006+A11:2009+A12:2011+A2:2013
	<input checked="" type="checkbox"/> <b>RoHS Directive 2011/65/EU</b> <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.
<input checked="" type="checkbox"/> <b>CE marking</b>	
	Signature: <u>Timmy Huang</u> Date: <u>Sept. 14, 2018</u> Name: <u>Timmy Huang</u>

# Memory Module Quick Installation Guide

## English

Desktop Memory  
16 GB Kit (2 x 8 GB) DDR4 2666

### Installation Guide

1. Please turn off your computer and disconnect the AC power cord.
2. Before touching the DRAM module and/or any electronic components on the motherboard, make sure to touch a grounding metal object to discharge any static electricity that might be stored on your body or clothing.
3. If all memory slots are used, the memory with lower density shall be removed when installing a new memory.
4. Suggest to install memory with identical density & data rate on single system for better and stable performance.
5. Modules should only be inserted/ removed when the clips are in an open position.
6. During installation, make sure the memory module is properly aligned to the slot, then fully insert the module all the way into the slot. Proper installation should automatically force the retaining clips to a closed position. Always make sure the memory module is securely installed into the memory slot on your system.

## Deutsch

Desktop Speicher  
16 GB Kit (2 x 8 GB) DDR4 2666

### Installationsgids

1. Bitte schalten Sie Ihren Computer aus und ziehen Sie das Netzkabel ab.
2. Bevor Sie das DRAM-Modul und/oder elektronische Komponenten auf dem Motherboard berühren, stellen Sie sicher, dass Sie einen geerdeten Metallgegenstand berühren, um statische Elektrizität zu entladen, die auf Ihrem Körper oder Ihrer Kleidung gespeichert sein könnte.
3. Werden alle Speichersteckplätze genutzt, so muss bei der Installation eines neuen Speichers der Speicher mit geringerer Dichte entfernt werden.
4. Empfohlen wird die Installation von Speicher mit identischer Dichte und Datenrate auf einem einzelnen System für eine bessere und stabilere Leistung.
5. Module dürfen nur in geöffneten Position der Clips eingesetzt/entfernt werden.
6. Vergewissern Sie sich bei der Installation, dass das Speichermodul richtig auf den Steckplatz ausgerichtet ist, und stecken Sie es dann vollständig in den Steckplatz ein. Die korrekte Montage sollte die Halteklammern automatisch in eine geschlossene Position bringen.
7. Vergewissern Sie sich immer, dass das Speichermodul fest in den Speichersteckplatz Ihres Systems eingebaut ist.

## 繁體中文

桌上型電腦記憶體  
16 GB Kit (2 x 8 GB) DDR4 2666

### 安裝說明

1. 安裝前請務必確認電腦電源已經關閉，並將電源線拆除。
2. 觸碰任何電子元件前或取出記憶體前，請務必先接觸可排洩靜電物體。
3. 請先檢視主機板上插槽是否插滿，再行安裝擴充記憶體。
4. 建議安裝相同容量及頻率之記憶體以利較好的效能。
5. 更換記憶體時，將插槽上的卡榫向下推即可彈出更換。
6. 安裝記憶體時，記憶體下緣四槽需與插槽上之凸起處對齊，用力將記憶體模組推入，卡榫將自動加上。
7. 確認記憶體模組被緊緊地安裝在記憶體插槽上。

## Español

Memoria Para PCs de Sobre mesa  
16 GB Kit (2 x 8 GB) DDR4 2666

### Guía de Instalación

1. Apague la computadora y desconecte el cable de alimentación.
2. Antes de tocar el módulo DRAM y / o cualquier componente electrónico en la placa madre, asegúrese de tocar un objeto de metal con conexión a tierra para descargar la electricidad estática que pueda tener su cuerpo o en su ropa.
3. Si se utilizan todas las ranuras de memoria, se eliminará la memoria con menor densidad cuando se instale una nueva memoria.
4. Sugerimos instalar memorias con la misma densidad y velocidad de datos en un solo sistema para mejor rendimiento y estabilidad.
5. Los módulos solo deben insertarse/retirarse cuando los clips están en una posición abierta.
6. Durante la instalación, asegúrese de que el módulo de memoria esté alineado correctamente con la ranura, luego inserte completamente el módulo en la ranura. La instalación adecuada debería forzar automáticamente los clips de retención a una posición cerrada. Siempre asegúrese de que el módulo de memoria esté bien instalado en las ranuras de memoria de su sistema.

## 简体中文

台式机内存  
16 GB Kit (2 x 8 GB) DDR4 2666频率

### 安装说明

1. 安装前请务必确认电脑电源已经关闭，并将电源线拆除。
2. 触碰任何电子元件前或取出记忆体前，请务必先接触可排洩静电物体。
3. 请先检视主机板上插槽是否插满，再行安装扩充记忆体。
4. 建议安装相同容量及频率之记忆体以利较好的效能。
5. 更换记忆体时，将插槽上的卡榫向下推即可弹出更换。
6. 安装记忆体时，记忆体下缘四槽需与插槽上之凸起处对齐，用力将记忆体模组推入，卡榫将自动加上。
7. 确认记忆体模组被紧紧地安装在记忆体插槽上。

## Русский

Комплект модулей ОЗУ для настольных ПК  
16 Гбайт (2 x 8 Гбайт) DDR4 2666

### инструкция по установке

1. Пожалуйста, выключите компьютер и отсоедините силовой кабель питания.
2. Прежде чем прикасаться к DRAM-модулю и/или любым электронным компонентам на материнской плате, обязательно коснитесь металлического предмета, способного выполнять функцию заземления, чтобы разрядить статическое электричество, которое может оставаться на Вашем теле или одежде.
3. Если планируются задействовать все DIMM-разъемы для модулей ОЗУ, до установки новой памяти модули меньшей плотности должны быть удалены.
4. Рекомендуем установить модули ОЗУ одинаковой плотности с идентичной скоростью передачи данных для максимальной производительности и стабильной работы системы.
5. Модули можно устанавливать / удалять только в том случае, если фиксаторы находятся в открытом положении.
6. В процессе инсталляции убедитесь, что модуль памяти корректно сориентирован и выровнен по отношению к DIMM-разъему, в затем приложите равномерное усилие по всей длине модуля и установите его в разъем. Корректная инсталляция сопровождается автоматическим переводом фиксаторов в закрытое положение. Всегда следите за тем, чтобы модули памяти были установлены без перекосов и на всю глубину DIMM-разъемов.

## 한국어

데스크탑 메모리  
16 GB 키트 (2 x 8 GB) DDR4 2666

### 설치 설명서

1. 컴퓨터의 전원을 종료한 후, AC 파워 코드를 분리하십시오.
2. 메모리 모듈 또는 메인 보드의 다른 전자 부품은 만지기 전에 몸이나 옷의 정전기가 방전될 수 있도록 정지 금속 물체를 만지지 않습니다.
3. 현재 메인 보드의 모든 메모리 슬롯을 사용하고 있다면, 새 메모리 모듈을 설치하기 위해서는 이미 설치된 메모리 동작 작은 용량의 메모리 모듈을 제거하여 주십시오.
4. 하나의 데스크탑 PC 시스템에서 보다 안정적이고 낮은 성능을 발휘하기 위해서는 같은 용량, 같은 속도의 모든 메모리를 설치하는 것을 권장합니다.
5. 메모리 모듈은 슬롯의 클립이 열렸을 때만 삽입 또는 제거가 가능합니다.
6. 올바른 설치를 위해 메모리 모듈이 슬롯에 올바르게 정렬되어 있는지 확인한 후, 모듈을 슬롯 안으로 끝까지 삽입하십시오. 올바르게 모듈이 설치가 되면, 클립이 자동으로 닫힙니다. 항상 메모리 모듈이 데스크탑 PC의 메모리 슬롯에 단단히 설치되어 있는지 확인하십시오.

## 日本語

デスクトップメモリ  
16 GB キット (2 x 8 GB) DDR4 2666

### インストールガイド

1. コンピュータの電源を切り、AC電源コードを抜いてください。
2. マザーボード上のDRAMモジュールや電子部品に触れる前に、身体や衣服に付着した静電気を放電するために、必ず接地金属の物体に触れてください。
3. すべてのメモリスロットを使用する場合は、新しいメモリを取り付ける際に、より少ない容量のメモリを取り外す必要があります。
4. より良い安定したパフォーマンスを得るには、システム上で単一の同じ容量かつ速さのメモリをインストールすることをお勧めいたします。
5. モジュールは、スロットのクリップが開いた位置にあるときのみ挿抜できます。
6. 取り付け時に、メモリモジュールがスロットに正しく取り付けられていることを確認してから、モジュールをスロットに完全に挿入してください。適切な取り付けを行うと、保持クリップが自動的に閉じた位置に移動します。常にメモリモジュールがシステムのメモリスロットにしっかりと取り付けられていることを確認してください。

## Português

Memória para Computadores  
16 GB Kit (2 x 8 GB) DDR4 2666

### Installation Guide

1. Desligue o computador e desconecte o cabo de alimentação.
2. Antes de tocar no módulo DRAM e / ou em qualquer componente eletrônico da placa-mãe, certifique-se de tocar em um objeto de metal com aterramento para descarregar qualquer eletricidade estática que possa estar armazenada em seu corpo ou roupa.
3. Se todos os slots de memória estiverem em uso, a memória com menor densidade será removida ao instalar uma nova memória.
4. É Sugerido a instalação de memória com densidade e taxa de dados idênticas em um único sistema para melhor desempenho e estabilidade.
5. Os módulos só devem ser inseridos / removidos quando os clips estiverem em uma posição aberta.
6. Durante a instalação, verifique se o módulo de memória está corretamente alinhado com o slot e insira totalmente o módulo na ranhura. A instalação adequada deve forçar automaticamente os clips de retenção para a posição fechada. Certifique-se sempre de que o módulo de memória esteja firmemente instalado no slot de memória do sistema.

ESM16G1K666 16GB 1666 雙通道雙面DDR4 2666 記憶體產品聲明書

Declaration of the Presence Condition of the Restricted Substances Markings

受限制物質及其化學特性 Restricted substances and its chemical symbols		鉛 Lead Pb	鎘 Cadmium Cd	汞 Mercury Hg	六價鉻 Hexavalent Chromium Cr(VI)	多溴聯苯 Polybrominated Biphenyls PBBs	多溴二苯醚 Polybrominated Diphenyl Ethers PBDEs
是否含有 Is it present	百分比 Percentage	○	○	○	○	○	○
是否含有 Is it present	百分比 Percentage	○	○	○	○	○	○

備註: "○"表示該產品中受限制物質之百分比含量低於歐盟RoHS指令之限制標準。  
Note: "○" indicates that the percentage content of the restricted substance exceeds the reference percentage value of the present condition.

備註: "●"表示該產品中受限制物質之百分比含量超過歐盟RoHS指令之限制標準。  
Note: "●" indicates that the restricted substance also has exceeded the percentage of reference value of presence.

備註: "●"表示該產品中受限制物質之百分比含量超過歐盟RoHS指令之限制標準。  
Note: "●" indicates that the restricted substance exceeds the percentage of reference value of presence.

產品有害物質成份表

部件名稱 Component Name	有害物質成份表 (Substances)							
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr(VI)	多溴聯苯 PBB	多溴二苯醚 PBDE	多氯聯苯 PCB	多氯二苯醚 PCDE
電機殼 Cabinet	○	○	○	○	○	○	○	○
電路板 PCB	○	○	○	○	○	○	○	○
電線 Cable	○	○	○	○	○	○	○	○
零件 Parts	○	○	○	○	○	○	○	○

本表係根據 RoHS 1.0 指令編製。  
○: 表示該零件或材料之有害物質含量符合 RoHS 1.0 指令之限制標準。  
●: 表示該零件或材料之有害物質含量不符合 RoHS 1.0 指令之限制標準。  
注: 1. 除受限制物質外, 本產品亦含有其他受限制物質, 如 RoHS 2.0 指令所列之附件。  
2. 本產品之有害物質含量符合 RoHS 1.0 指令之限制標準, 且符合 RoHS 2.0 指令之限制標準。  
3. 本產品之有害物質含量符合 RoHS 1.0 指令之限制標準, 且符合 RoHS 2.0 指令之限制標準。