GC-WB1733D-I

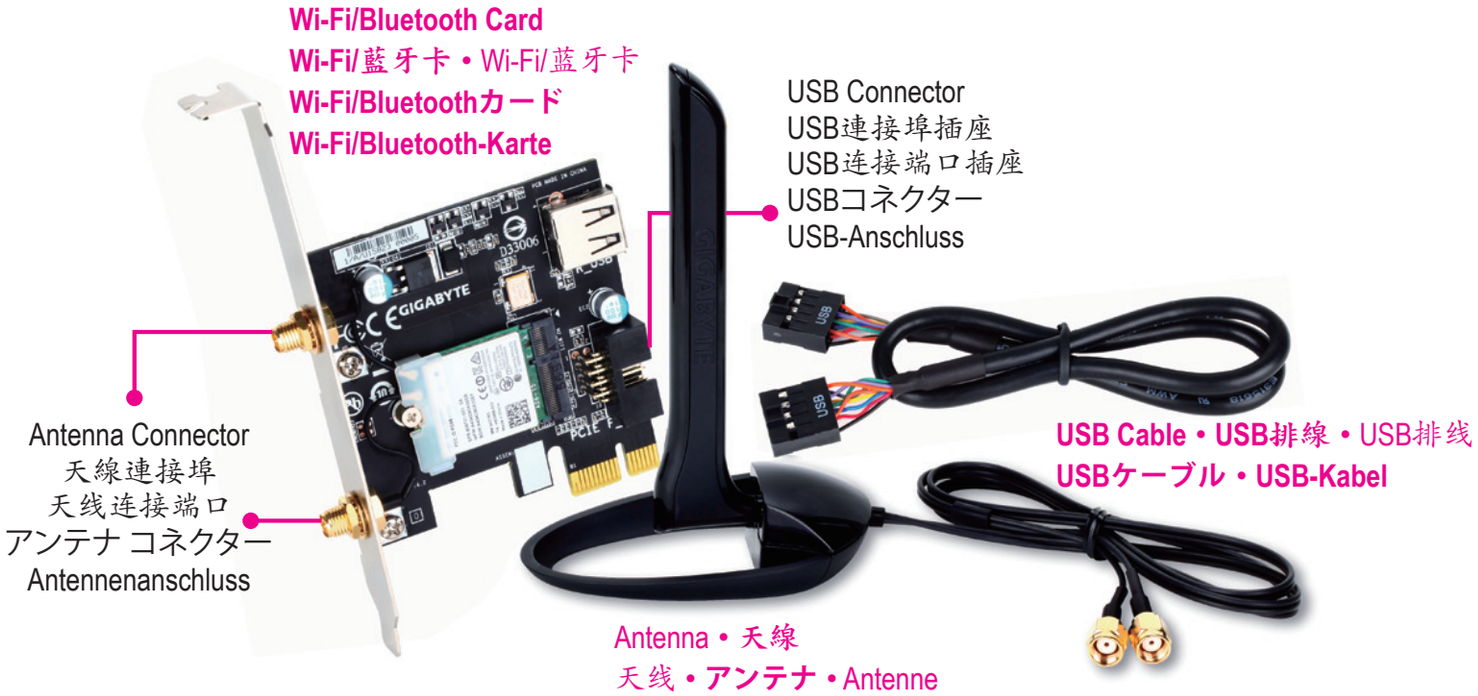
Installation Guide/安裝指南

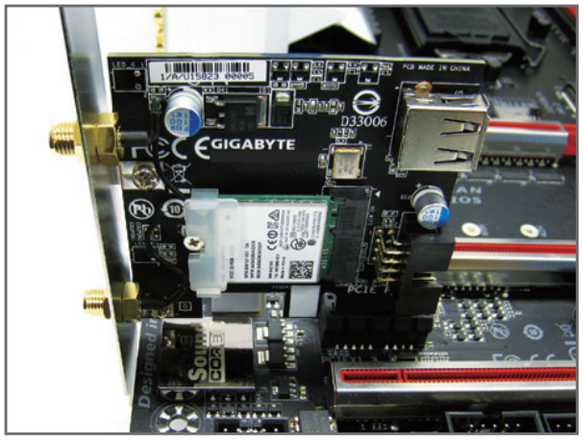
安装指南/インストールガイド

Installationsanleitung

12WE6-WB1733I-12AR

Installing the Wi-Fi/Bluetooth Card • 安裝Wi-Fi/藍牙卡
安装Wi-Fi/蓝牙卡 • Wi-Fi/Bluetoothカードを取り付ける
Installation der Wi-Fi/Bluetooth-Karte





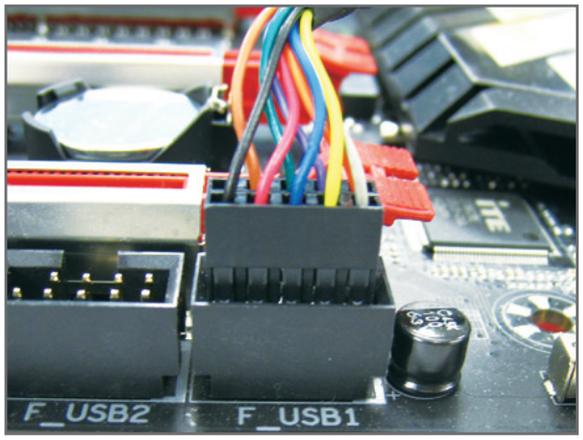
Step 1:
Install the Wi-Fi/Bluetooth card in a PCI Express x1 slot. Connect one end of the USB cable to the USB connector on the Wi-Fi/Bluetooth card.

步驟一：
先將Wi-Fi/藍牙卡安裝至PCI Express x1 插槽，接著將USB排線的一端接至無線/藍牙卡的USB連接埠插座。

步骤一:
先将Wi-Fi/蓝牙卡安装至PCI Express x1插槽，接着将USB排线的一端接至无线/蓝牙卡的USB连接端口插座。

ステップ 1:
Wi-Fi/Bluetooth カードを PCI Express x1 スロットに装着します。USB ケーブルの一方の端を Wi-Fi/Bluetooth カードの USB コネクタに接続します。

Schritt 1:
Installieren Sie die Wi-Fi/Bluetooth-Karte in einem PCI Express x1-Steckplatz. Verbinden Sie ein Ende des USB-Kabels mit dem USB-Anschluss auf der Wi-Fi/Bluetooth-Karte.



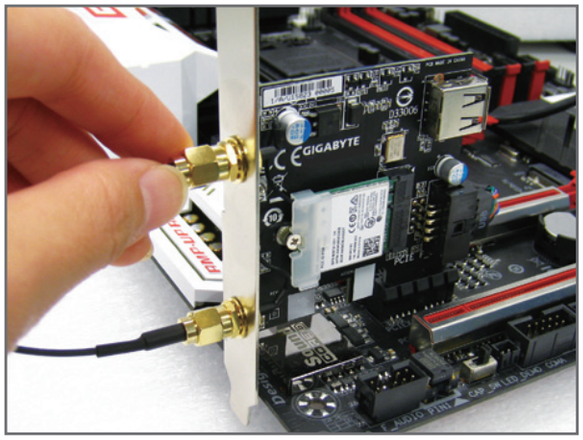
Step 2:
Connect the other end of the USB cable to the F_USB connector on the motherboard.

步驟二：
再將USB排線的另一端接至主機板的F_USB插座。

步骤二:
再将USB排线的另一端接至主板的F_USB插座。

ステップ 2:
USB ケーブルのもう一方の端をマザーボードの F_USB コネクタに接続します。

Schritt 2:
Verbinden Sie das andere Ende des USB-Kabels mit dem F_USB-Anschluss auf dem Motherboard.



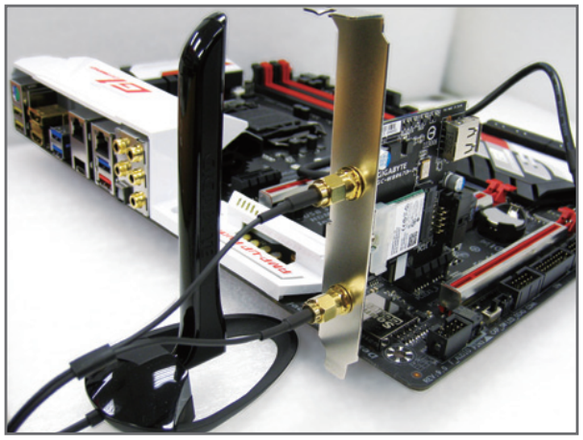
Step 3:
Tighten the antenna cables to the antenna connectors on the Wi-Fi/Bluetooth card respectively.

步驟三：
將天線鎖至Wi-Fi/藍牙卡的天線連接埠。

步骤三:
将天线锁至Wi-Fi/蓝牙卡的天线连接端口。

ステップ 3:
アンテナケーブルをそれぞれWi-Fi/Bluetooth カードのアンテナコネクターにしっかりと接続します。

Schritt 3:
Befestigen Sie die Antennenkabel gut an den jeweiligen Antennenanschlüssen auf der Wi-Fi/Bluetooth-Karte.



Step 4:
Then move the antennas to a place where the signal is good.

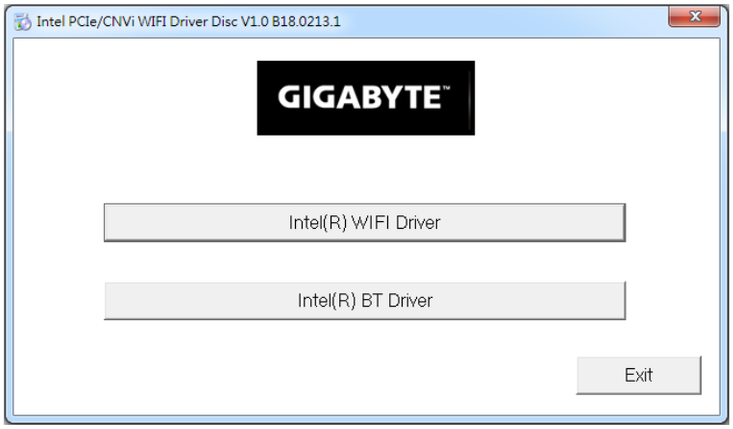
步驟四：
完成安裝後將天線移至收訊良好處。

步骤四：
完成安装后将天线移至收讯良好处。

ステップ 4:
次に、ワイヤレス信号が受信し易い場所にアンテナを配置します。

Schritt 4:
Setzen Sie die Antennen dann auf eine Stelle mit gutem Signalempfang.

Installing the Drivers and Utilities • 安裝驅動程式及工具
安装驱动程序及工具 • ドライバとユーティリティをインストールする
Installation der Treiber und Dienstprogramme



After the computer starts, install the driver for the Wi-Fi/Bluetooth Card. Adjust your wireless LAN configuration based on your environment after installing the driver.

啟動電腦後請安裝Wi-Fi/藍牙卡驅動程式。完成後即可依環境中的無線網路選擇連接。

启动电脑后请安装Wi-Fi/蓝牙卡驱动程序。完成后即可依环境中的无线网络选择连接。

コンピュータが起動した後、Wi-Fi/Bluetoothカードのドライバーをインストールしてください。ドライバーをインストールした後に、ご使用の環境に基づいて、ワイヤレスLANの設定を行います。

Hat sich der Computer hochgefahren, installieren Sie den Treiber für die Wi-Fi/Bluetooth-Karte. Passen Sie nach Installation des Treibers Ihre WLAN-Konfiguration entsprechend Ihrer Umgebung an.

Regulatory Notices

CAUTION:
The manufacturer is not responsible for any interference caused by unauthorized modifications and/or use of unauthorized antennas. Such changes and/or modifications not expressly approved by the party responsible for compliance of this device could void the user's authority to operate the equipment

RF exposure statement / Antenna Use
Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

- Do not touch or move antenna while the unit is transmitting or receiving.
- Do not hold any component containing the radio such that the antenna is very close or touching any exposed parts of the body, especially the face or eyes, while transmitting.
- Do not operate the radio or attempt to transmit data unless the antenna is connected; this behavior may cause damage to the radio.

United States of America, Federal Communications Commission Statement

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

Product Name: **PCIe add-in card**
Trade Name: **GIGABYTE**
Model Number: **GC-WB1733D-I**

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.

Notice for 5GHz
Operations in the 5.15-5.25GHz band are restricted to indoor usage only. (For 5GHz only)

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.

Canada-Industry Canada (IC) Regulatory statement
This device complies with Canadian RSS-210.
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the
following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil se conforme aux normesCanada d'Industrie de RSS permis-exempt. L'utilisation est assujetti aux deux conditions suivantes: (1) cet appareil ne peut pas causer d'interférences, et (2) cet appareil doit accepter des interférences, y compris des interférences qui peuvent causer desopérations non désirées de l'appareil.

Caution: When using IEEE 802.11a wireless LAN, this product is restricted to indoor use due to its operation in the 5.15-to 5.25-GHz frequency range. Industry Canada requires this product to be used indoors for the frequency range of 5.15 GHz to 5.25 GHz to reduce the potential for harmful interference to co-channel mobile satellite systems. High power radar is allocated as the primary user of the 5.25-to 5.35-GHz and 5.65 to 5.85-GHz bands. These radar stations can cause interference with and/or damage to this device. The maximum allowed antenna gain for use with this device is 6dBi in order tocomply with the E.I.R.P limit for the 5.25-to 5.35 and 5.725 to 5.85 GHz frequency range in point-to-point operation. To comply with RF exposure requirements all antennas should be located at a minimum distance of 20cm, or the minimum separation distance allowed by the module approval, from the body of all persons.

Attention: l'utilisation d'un réseau sans fil IEEE802.11a est restreinte à une utilisation en intérieur à cause du fonctionnement dansla bande de fréquence 5.15-5.25 GHz. Industry Canada requiert que ce produit soit utilisé à l'intérieur des bâtiments pour la bande de fréquence 5.15-5.25 GHz afin de réduire les possibilités d'interférences nuisibles aux canaux co-existants des systèmes de transmission satellites. Les radars de puissances ont fait l'objet d'une allocation primaire de fréquences dans les bandes 5.25-5.35 GHz et 5.65-5.85 GHz. Ces stations radar peuvent créer des interférences avec ce produit et/ou lui être nuisible. Le gain d'antenne maximum permissible pour une utilisation avec ce produit est de 6 dBi afin d'être conforme aux limites de puissance isotropique

rayonnée équivalente (P.I.R.E.) applicable dans les bandes 5.25-5.35 GHz et 5.725-5.85 GHz en fonctionnement point-à-point. Pour se conformer aux conditions d'exposition de RF toutes les antennes devraient être localisées à une distance minimum de 20 cm, ou la distance de séparation minimum permise par l'approbation du module, du corps de toutes les personnes."

Radiation Exposure Statement:
Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Selon les règlements de Canada d'Industrie, cet émetteur de radio peut seulement fonctionner en utilisant une antenne du typeet de gain maximum (ou moindre) que le gainapprouvé pour l'émetteur par Canada d'Industrie. Pour réduire lesinterférencesradio potentiellesavec les autres utilisateurs, le type d'antenne et son gain devraient êtrechoisis de façon à ce que la puissance isotrope rayonnée équivalente(P.I.R.E.)ne soit pas supérieure à celle qui estnécessaire pour une communication réussie.

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, Radio Equipment Directive (RED) 2014/53/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, directive RED (équipements radioélectriques) 2014/53/UE, la directive RoHS II 2011/65/UE & la déclaration 2015/863.
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, Richtlinie RED (Funkanlagen) 2014/53/EU, RoHS-Richtlinie 2011/65/EU erfüllt und die 2015/863 Erklärung.
Die Konformität mit diesen Richtlinien wird unter Verwendung der entsprechenden Standards zurEuropäischen 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 de equipamentos de rádio 2014/53/EU; Diretiva RSP 2011/65/UE e a declaração 2015/863.
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 de equipos radioeléctricos 2014/53/EU, Directiva RoHS (recast) (2011/65/EU) y la Declaración 2015/863.
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 sulle apparecchiature radio (RED) 2014/53/UE, Direttiva sulla bassa tensione 2014/35/UE, Direttiva RoHS (rifusione) 2011/65/UE e Dichiarazione 2015/863.
Questo prodotto è stato testato e trovato conforme a tutti i requisiti essenziali delle Direttive.

Contact point for EU based customers

G.B.T. Technology Trading GmbH
Am Stadtrand 63, 22047 Hamburg, Germany
tel: +49-40-25 33 040

European Community Directive RED Directive Compliance Statement:

This equipment is suitable for home and office use in all the European Community Member States and EFTA Member States.
The low band 5.15 -5.35 GHz is for indoor use only for the countries listed in the table below:

CE		AT	BE	BG	CH	CY	CZ	DE
		DK	EE	EL	ES	FI	FR	HR
		HU	IE	IS	IT	LI	LT	LU
		LV	MT	NL	PL	PT	RO	SE
		SI	SK	TR	UK			

Wireless module country approvals:

Wireless module model name: 9260NGW
Wireless module manufacturer: Intel® Corporation

United States: FCC: PD99260NG	Japan: R 003-170125 T D170079003 5.15~5.35GHz indoor use only	Serbia: И011 17
Canada: IC: 1000M-9260NG		Singapore Complies with IDA standards DB 02941
Australia & New-Zealand:	Mexico: RCPIN9517-1585	
China: CMIIT ID: 2017AJ4605 (M)	South Korea: MSIP-CRM-INT-9260NGW 1.상호명: Intel Corporation 2.기자재의 명칭(모델명): 특정소출력 무선기기 (무선랜을 포함한 무선접속시스템용 무선기기) 9260NGW 3.제조시기: 2017/07 4.제조자/제조국: Intel Corporation/China	Taiwan: CCAH18LP0260T0
European Union:		UAE: ER57060/17
India: 2.4GHz: NR-ETA/6865 5GHZ: NR-ETA/6864		Ukraine: UA.TR.028

China RoHS Compliance Statement

中国《废弃电器电子产品回收处理管理条例》提示性说明

为了更好地关爱及保护地球，当用户不再需要此产品或产品寿命终止时，请遵守国家废弃电器电子产品回收处理相关法律法规，将其交给当地具有国家认可的回收处理资质的厂商进行回收处理。

环保使用期限

Environment-friendly use period

此标识指期限（十年），电子电气产品中含有的有害物质不会发生外泄或突变、电子电气产品用户正常使用该电子电气产品不会对环境造成严重 污染或对其人身、财产造成严重损害的期限。

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(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板总成 PCB Assembly	×	○	○	○	○	○
连接器 Connector	×	○	○	○	○	○
机械零件-金属 Mechanical parts-Metal	×	○	○	○	○	○
机械零件-塑胶 Mechanical parts-Plastic	○	○	○	○	○	○
线材 Cable	○	○	○	○	○	○

These tables are prepared in accordance with the provisions of SJT 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

Korea Wireless Statement:
5.15 — 5.35GHz 대역에서의 작동은 실내로。

Japan Wireless Statement:
5.15GHz帯 ~ 5.35GHz帯: 屋内のみの使用。

Taiwan NCC Wireless Statements / 無線設備警告聲明：
低功率電波輻射性電機管理辦法
第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。
在5.25-5.35秭赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

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：Wi-Fi/Bluetooth Card　型號（型式）：GC-WB1733D-I
Equipment name　Type designation (Type)

單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	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)
印刷電路板總成 PCB Assembly	—	○	○	○	○	○
連接器 Connectors	—	○	○	○	○	○
機械零件-金屬 Mechanical parts-Metal	—	○	○	○	○	○
機械零件-塑膠 Mechanical parts-Plastic	○	○	○	○	○	○
線材 Cables	○	○	○	○	○	○

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.