

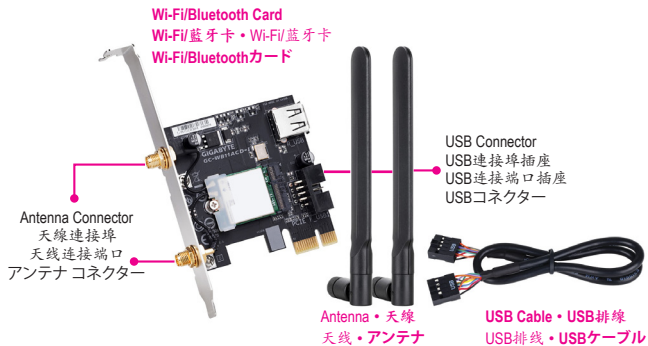
GC-WB11ACD-I

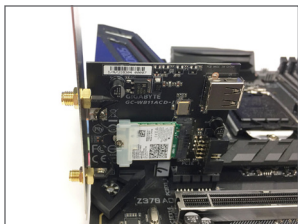
Installation Guide/ 安装指南

安装指南/インストールガイド

12WE6-WB11ACD-50AR

Installing the Wi-Fi/Bluetooth Card ・ 安裝Wi-Fi/藍牙卡 安裝Wi-Fi/藍牙卡 ・ Wi-Fi/Bluetoothカードを取り付ける





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：

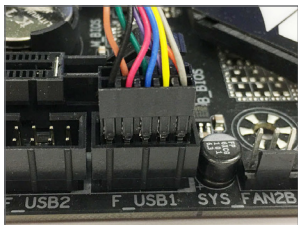
先將Wi-Fi/藍牙卡安裝至PCI Express x1 插槽，接著將USB排線的一端接至無線/藍牙卡的USB連接埠插座。

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。



Step 2:

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

步驟二：

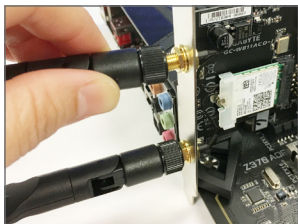
再將USB排線的另一端接至主機板的F_USB插座。

ステップ2:

再將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。



Step 3:

Tighten the antennas to the antenna connectors on the Wi-Fi/Bluetooth card respectively.

步驟三：

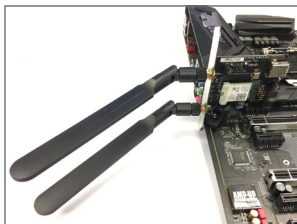
將天線鎖至Wi-Fi/藍牙卡的天線連接埠。

步驟三：

將天線鎖至Wi-Fi/藍牙卡的天線連接端口。

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にしっかりと接続します。



Step 4:
Adjust the antenna angle to pick up the strongest signal.

步驟四：
完成安裝後將天線調整至收訊良好的角度。

步驟四：
完成安裝後將天線調整到收訊良好的角度。

ステップ 4:
アンテナの角度を、最も強い信号を受信するように調整してください。

Installing the Drivers and Utilities • 安裝驅動程式及工具 安裝驅動程序及工具 • ドライバとユーティリティをインストールする

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。

FCC Notice (U.S.A. Only)

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. **WARNING:** 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 and radiates radio frequency energy and, if not installed and used in accordance with the 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult a dealer or experienced TV/radio technician for help.

The user may find the following booklet prepared by the Federal Communications Commission helpful: The Interference Handbook.

This booklet is available from the U.S. Government Printing Office, Washington, D.C.20402. Stock No.004-000-00345-4

Notice for 5GHz

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

RF exposure statement

The product complies with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The 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.

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.

Canada-Industry Canada (IC):

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.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes:

- (1) le dispositif ne doit pas produire de brouillage préjudiciable, et
- (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Notice for 5GHz:

Caution :

- (i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and
- (iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.
- (iv) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avvertimento:

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

- (i) les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- (ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;
- (iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.
- (iv) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement:

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The 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.

European Community Radio Equipment Directive (RED) Compliance Statement:

This equipment complies with all the requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. 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.

Restrictions d'utilisation en France:

Pour la France métropolitaine

2.400 - 2.4835 GHz (Canaux 1 à 13) autorisé en usage intérieur

2.400 - 2.454 GHz (canaux 1 à 7) autorisé en usage extérieur

Pour la Guyane et la Réunion

2.400 - 2.4835 GHz (Canaux 1 à 13) autorisé en usage intérieur

2.420 - 2.4835 GHz (canaux 5 à 13) autorisé en usage extérieur

Notice for Italy:

The use of these equipments is regulated by:

1. D.L.gs 1.8.2003, n. 259, article 104 (activity subject to general authorization) for outdoor use and article 105 (free use) for indoor use, in both cases for private use.
2. D.M. 28.5.03, for supply to public of RLAN access to networks and telecom services. L'uso degli apparati è regolamentato da:
 1. D.L.gs 1.8.2003, n. 259, articoli 104 (attività soggette ad autorizzazione generale) se utilizzati al di fuori del proprio fondo e 105 (libero uso) se utilizzati entro il proprio fondo, in entrambi i casi per uso private.
 2. D.M. 28.5.03, per la fornitura al pubblico dell'accesso R-LAN alle reti e ai servizi di telecomunicazioni.

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5.25-5.35GHz赫茲帶內操作之無線資訊傳輸設備,限於室內使用。

Korea KCC NCC Wireless Statement:

5,25 GHz - 5,35 GHz 대역을 사용하는 무선 장치는 실내에서만 사용하도록 제한됩니다.

Japan Wireless Statement:

5.15GHz帯 - 5.35GHz帯: 屋内のみの使用。

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： Equipment Name		型號（型式）： 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)
PCB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	—	○	○	○	○	○
連接器 Connectors	—	○	○	○	○	○
被動電子元件 Passive Components	—	○	○	○	○	○
焊接金屬 Soldering metal	○	○	○	○	○	○
助焊劑、軟熱膏、標籤及其他耗材 Flux, Solder Paste, Label and other Consumable Materials	○	○	○	○	○	○
<p>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.</p> <p>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.</p> <p>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.</p>						

Declaration of Conformity

We, Manufacturer/Reporter,

G.B.T. Technology Trading GmbH

Address: Bußenkoppel 16, 22047 Hamburg, Germany

Declare that the product

Product Type: **PCIe add-in card**

Product Name: **GC-WB11ACD-I**

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 filter: | EN 61000-3-3:2013 |

Low Voltage Directive (LVD) 2014/35/EU:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Safety: | EN 60950-1:2006+A11:2009+A12:2011+A1:2010+AC:2011+AC:2013 |
| | EN 50566:2013AC:2014, EN 62368-1:2014 |

Radio Equipment Directive (RED) 2014/53/EU:

- | | |
|---|---|
| Wireless module model name: | 3168NGW |
| Wireless module manufacturer: | Intel Mobile Communications SAS |
| <input checked="" type="checkbox"/> Technical Requirements: | EN 300 328 v1.9.2 & v2.1.1,
EN 301 893 v1.8.1 & v2.1.1,
EN 301 486-1 v2.2.0, EN 301 486-17 v3.2.0,
EN 300 440-1 v1.6.1, EN 300 440-2 v1.4.1
draft EN 300 440 v2.1.1 |

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: Apr. 6, 2018

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: PCIe add-in card

Model Number: GC-WB11ACD-I

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: Apr. 6, 2018

GC-WB11ACD-I:

Wireless Module Country Approvals/無線裝置國家/地區認證:

United States: FCC: PD93168NG	Japan:   003-160024 D160013003 5.15~5.35GHz indoor use only	Pakistan: "PTA APPROVED MODEL"
Canada: IC: 1000M-3168NG	Mexico: RCPIN3116-0469	Serbia:  И011 16
Australia & New-Zealand: 		Singapore <div style="border: 1px solid black; padding: 2px; display: inline-block;">Complies with IDA standards DB 02941</div>
China: CMIIT ID: 2016AJ0656 (M)	South Korea:  MSIP-CRM-INT-3168NGW 1.상호명: Intel Corporation 2.기자재의 명칭(모델명): 휴대소출력 무선기기 (무선연결 포함) 무선접속시스템용 무선기기) 3168NGW 3.제조 시기: 2016/02 4.제조자/제조국: Intel Corporation/China	Taiwan:  CCAH16LP2100T8
European Union: 		Ukraine:  028
India: 2.4GHz: NR-ETA/4787 5GHz: NR-ETA/4788		

See the latest safety and regulatory documents at GIGABYTE's website.

請至技嘉網站查詢最新安全性及管理規範相關文件。

請至技嘉網站查詢最新安全性及管理規範相關文件。

GIGABYTEのウェブサイトから最新の安全と規制文書を参照してください。

