



# GIGABYTE GC-WBAX200 Installing Wi-Fi Bluetooth Card Installation Guide

[Home](#) » [Gigabyte](#) » GIGABYTE GC-WBAX200 Installing Wi-Fi Bluetooth Card Installation Guide 

## Contents

- [1 GIGABYTE GC-WBAX200 Installing Wi-Fi Bluetooth Card](#)
- [2 Installation Guide](#)
- [3 Installing the Drivers and Utilities](#)
- [4 United States of America, Federal Communications Commission Statement](#)
- [5 European Union \(EU\) CE Declaration of Conformity](#)
- [6 European Community Directive RED Directive Compliance Statement:](#)
- [7 China RoHS Compliance Statement](#)
- [8 Hazardous Substances Table](#)
- [9 Documents / Resources](#)
- [9.1 References](#)

# GIGABYTE™

## GIGABYTE GC-WBAX200 Installing Wi-Fi Bluetooth Card



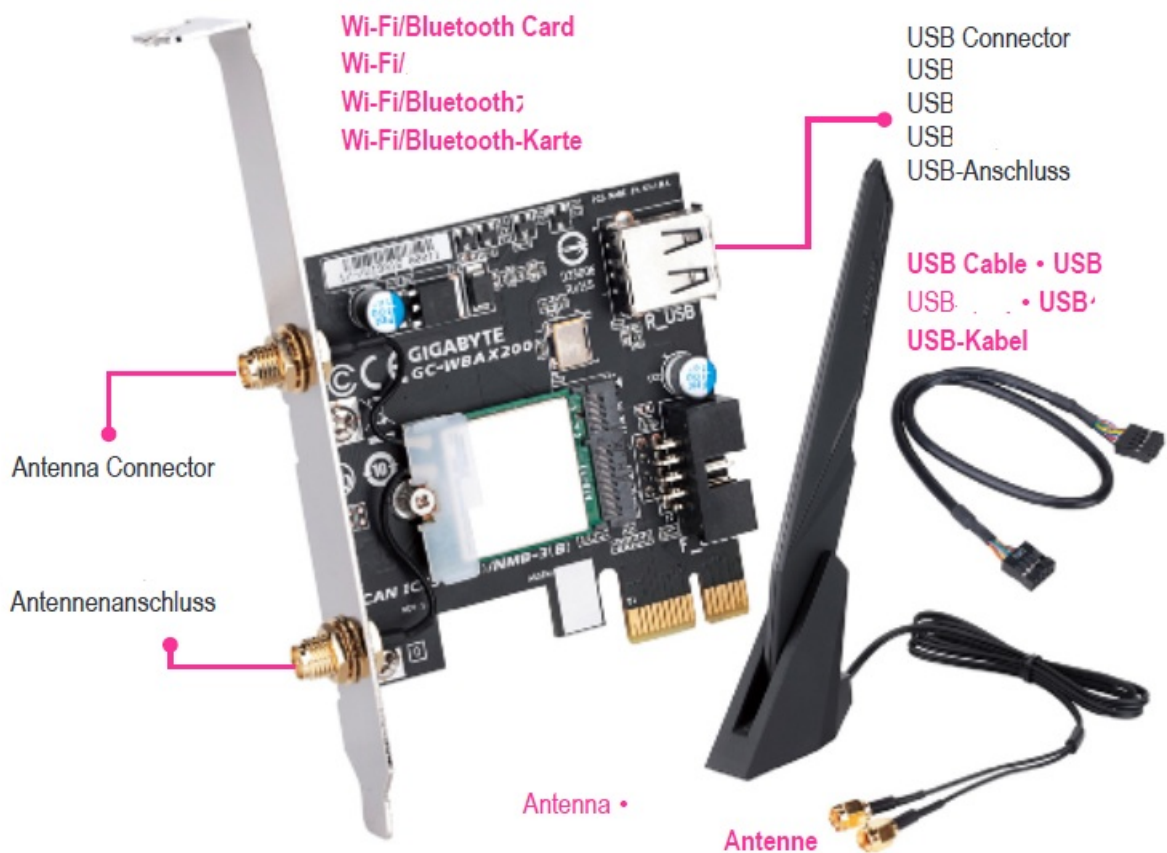
## Specifications

- **Product Name:** GC-WBAX200
- **Model Number:** GC-WBAX200
- **Supported Interface:** PCI Express x1
- **Wireless Standards:** Wi-Fi/Bluetooth
- **Frequency Band:** 2.4GHz, 5GHz (restricted to indoor usage only in the 5.15-5.25GHz band)
- **Regulatory Compliance:** FCC, Industry Canada, European Union (EU)

## Installation Guide

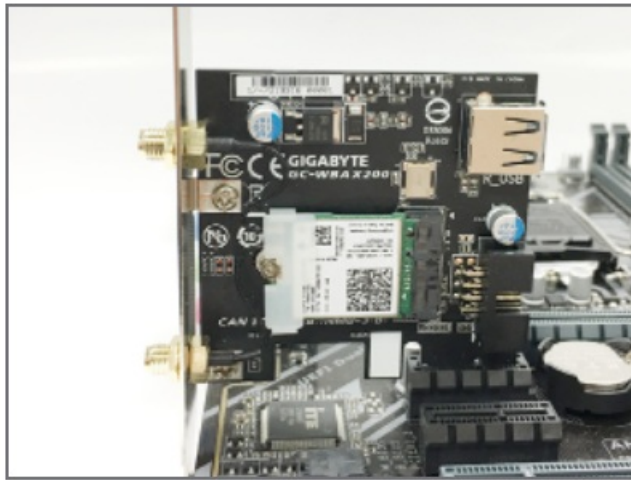
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1.



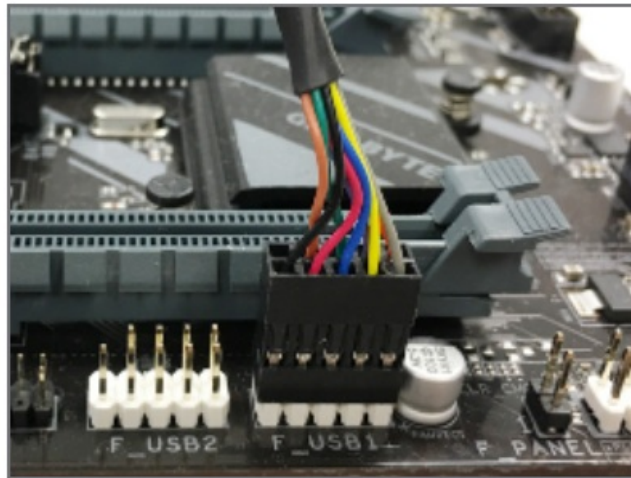
### Step 1:

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.



## 2. Step 2

:Connect the other end of the USB cable to the F\_USB connector on the motherboard.



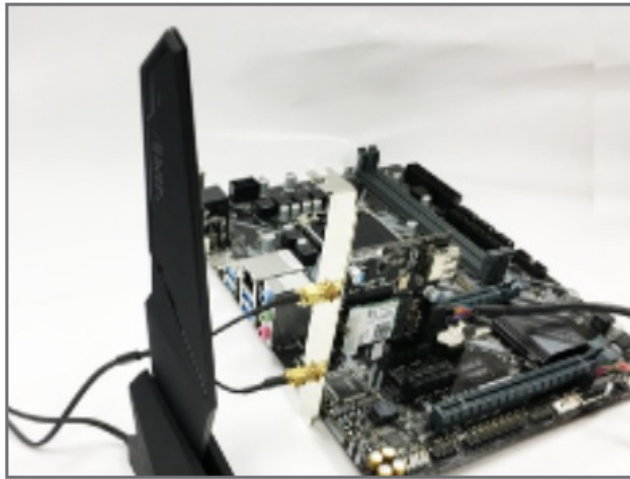
## 3. Step 3:

Tighten the antenna cables to the antennaconnectors on the Wi-Fi/Bluetooth card respectively



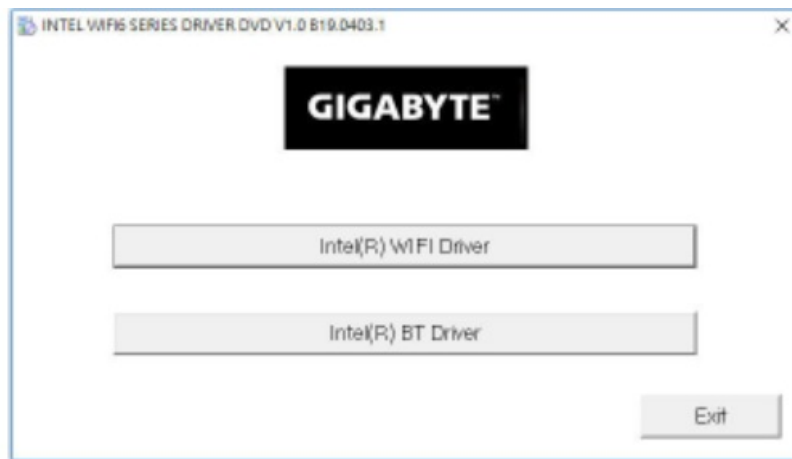
## 4. Step 4:

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



## Installing the Drivers and Utilities

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



## United States of America, Federal Communications Commission Statement

### 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

## Regulatory Notices

- Supplier's Declaration of Conformity
- 47 CFR § 2.1077 Compliance Information
- **Product Name:** PCIe add-in card
- **Trade Name:** GIGABYTE
- **Model Number:** GC-WBAX200
- 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 Accrues. 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:

### 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.

This device complies with Canadian RSS-210.

### 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 to comply with the E.I.R.P limit for the 5.25-to 5.35

## 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 full 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, your household waste disposal service or where you purchased the product for details of environmentally safe recycling.

#### 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:

|   |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|
|   | 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

- |   |   |  |   |
|---|---|--|---|
| United States:<br>FCC: PD9AX200NG   | India:<br>ETA-SD-20190501112  | Serbia:<br><br>2000 10  | Taiwan:<br> CCAH19LP1280T3 |
| Canada:<br>IC: 1000M-AX200NG  | Japan:<br> R 003-190022<br>I 0190021003<br>5.15~5.35GHz 屋内限定<br>5.15~5.35GHz Indoor use only | Singapore:<br> Complies with<br>EMEA Standards<br>(EN62367)  | Ukraine:<br> U.A.TR.028    |
| Australia & New-Zealand:<br> | Mexico:<br>AX200NGW<br>RCPINAX19-04B0   | South Korea:<br> R-C-INT-AX200NGW   |   |
| Belarus:<br>                 | Pakistan:<br>Approved by TPA: 9.9211/2019   | 1.승인번호: Approval Declaration<br>2.시험대상기기명(모델명): 무선LAN용기 무선기기 (무선랜용)<br>3.호출부: 무선랜기 A/S 모델명: 무선 LAN 기기 / Accessory<br>4.제출일시: 2019/03<br>5.제품사: HBB Co., Approval Declaration # China |   |
| China:<br>CMIT ID: 2019AJ2274(M)  | Qatar:<br>CSA/SM/2019/R-7710  |  |   |
| Europe:<br>                  |   |  |   |

## Hazardous Substances Table

|   | Hazardous Substances) |      |      |          |       |   |
|---|-----------------------|------|------|----------|-------|---|
|   | (Pb)                  | (Hg) | (Cd) | (Cr(VI)) | (PBB) |   |
| PCB Assembly  | x○                    | ○    |      | ○        | ○     | ○ |
| Connector   | x○                    | ○    |      | ○        | ○     | ○ |
| Mechanical parts-Metal  | x○                    | ○    |      | ○        | ○     | ○ |
| Mechanical parts-Plastic  | ○                     | ○    | ○    | ○        | ○     | ○ |
| Cable   | ○                     | ○    | ○    | ○        | ○     | ○ |
| <p>These tables are prepared in accordance with the provisions of SJT 11364</p> <p>The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572.</p> <p>x</p> |                       |      |      |          |       |   |

## Korea Wireless Statement


BSMI CNS15663

Declaration of the Presence Condition of the Restricted Substances Marking



| Equipment name  |  | Type designation (Type) |              |   |   |   |
|---|--|-------------------------|--------------|---|---|---|
| Unit  | Restricted substances and its chemical symbols |                         |              |   |   |   |
|   | Lead (Pb)                                      | Mercury (Hg)            | Cadmium (Cd) |   |   |   |
| PCB Assembly  |  | ○                       | ○            | ○ | ○ | ○ |
| Connectors  |  | ○                       | ○            | ○ | ○ | ○ |
| Mechanical parts-Metal  |  | ○                       | ○            | ○ | ○ | ○ |
| Mechanical parts-Plastic  | ○  | ○                       | ○            | ○ | ○ | ○ |
| ables   | ○  | ○                       | ○            | ○ | ○ | ○ |
| 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. |  |                         |              |   |   |   |
| Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.  |  |                         |              |   |   |   |
| Note 3: The indicates that the restricted substance corresponds to the exemption.   |  |                         |              |   |   |   |

## Documents / Resources

|   |   |
|---|---|
|  | <a href="#">GIGABYTE GC-WBAX200 Installing Wi-Fi Bluetooth Card</a> [pdf] Installation Guide<br>GC-WBAX200 Installing Wi-Fi Bluetooth Card, GC-WBAX200, Installing Wi-Fi Bluetooth Card, Wi-Fi Bluetooth Card, Bluetooth Card, Card |
|---|---|

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)