

# Lenovo

Ideapad S205s

Regulatory Notice v1.0

***lenovo***

## ■ ■ **Lenovo regulatory notice for wireless modules**

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Your Lenovo computer preinstalled Franklin M600A Mini PCI Express Card. This wireless adapter supports both WiMAX and Wireless WAN.

### ■ **Read first — regulatory information**

Please read this document before you use the Lenovo computer. Lenovo computer complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. You must install and use your computer in strict accordance with the instructions as described hereafter.

You are prohibited to replace or remove the preinstalled Wireless LAN Mini PCI Express Card and the Bluetooth module in your computer, it is not a Customer Replaceable Unit (CRU). If one of your cards requires replacement or repair, Lenovo will request you to send your computer with the preinstalled card(s) to Lenovo so that Lenovo will repair it.

### ■ **USA — Federal Communications Commission (FCC)**

#### **I. Factory preinstalled Wireless LAN/WiMAX module**

- FCC ID: PPD-AR5B95 (Model: AR5B95)
- FCC ID: VQF-RT3090-1T1R (Model: RT3090)
- FCC ID: XHG-M600A (Model: M600A)

Wireless LAN Mini PCI Express Cards marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

#### **i) The FCC RF Exposure compliance:**

The radiated energy from the auxiliary antenna connected to models AR5B95, M600A and RT3090 conforms to the FCC limit of the SAR (specific absorption rate) requirement regarding 47 CFR Part 2 section 1093.

#### **ii) FCC ID of wireless module:**

On the bottom side of your Lenovo computer, you will find an indicator label of the format "Contains Transmitter Module: FCC ID XXXX", where XXXX represents the FCC ID that corresponds to your preinstalled Wireless LAN/WiMax module.

### **iii) Radio Frequency interference requirements:**

The devices have been tested and found to comply with the limits for a Class B digital device pursuant to FCC Part 15 Subpart B. Refer to “Electronic emission notices” on page 3. The models AR5B95, M600A and RT3090 underwent the certification process with each respective FCC ID number listed in “I. Factory preinstalled Wireless LAN/WiMAX module” on page 1.

## **II. Preinstalled integrated *Bluetooth* module**

- FCC ID: QDS-BRCM1043 (Model: BCM92070MD\_REF)

### **i) FCC ID and installation of the module:**

If you find an indication “Contains Transmitter Module: FCC ID: QDS-BRCM1043 on the label at the bottom side of your computer, your computer contains the Bluetooth transmitter module (Model: BCM92070MD\_REF). The *Bluetooth* module is preinstalled by Lenovo, and is not removable by users.

### **ii) The FCC RF safety requirement:**

The radiated output power of the *Bluetooth* module is far below the FCC radio frequency exposure limits. Therefore, a 20 cm of separation between the *Bluetooth* antenna and human body is not required.

### **iii) Radio Frequency interference requirements:**

The device has been tested and found to comply with the limits for both a Class B digital device regarding FCC Part 15 Subpart B and an intentional radiator regarding FCC Part 15 Subpart C; then it underwent the certification processes for both rules. Thus the FCC ID: QDS-BRCM1043 of this device includes both certifications of Part 15 Subpart B and C.

## **III. Simultaneous use of RF transmitters**

Your Lenovo computer is approved for simultaneous use of the transmitters listed below:

- Wireless LAN adapter (FCC ID: PPD-AR5B95, VQF-RT3090-1T1R, XHG-M600A).
- *Bluetooth* module FCC ID: QDS-BRCM1043 (Model: BCM92070MD\_REF)

Please make sure of the following conditions on use of these wireless features:

1. When you use any other RF option device, all other wireless features including the above integrated devices in your Lenovo computer are required to be turned off.
2. Users must follow the RF Safety instructions on wireless option devices that are included in the RF option device’s user’s manual.

## ■ Electronic emission notices

### Federal Communications Commission (FCC) Statement

- **Model RT3090**

**Note:** The compliance of the FCC Part 15 Subpart B for Model: AR5B95, M600A were proceeded by certification, thus the FCC ID: PPD-AR5B95, XHG-M600A includes both compliances of Part 15 Subpart B and C.

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 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 an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

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 interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Lenovo (United States) Incorporated  
1009 Think Place - Building One  
Morrisville, NC 27560  
Telephone: 1-919-294-5900



## ■ ■ Ideapad Regulatory Notice for the Wireless WAN Adapter

Your Lenovo computer preinstalled Franklin M600A Mini PCI Express Card. This wireless adapter supports both WiMAX and Wireless WAN.

### ■ Read first — regulatory information

Read this document before using your computer. Be sure to also read *Ideapad® Regulatory Notice*. This computer complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Install and use your computer according to the following instructions.

The latest Regulatory Notice has been uploaded on the Web site. To refer to it, go to <http://www.lenovo.com>, and then click **User Guides & Manuals**.

### ■ USA — Federal Communications Commission (FCC)

If your computer integrates the wireless WAN adapter (Model: M600A), you may connect it to the radiocommunication Public Network in the USA.

#### I. FCC ID of the wireless adapter

PCI Express Mini Card:

- FCC ID: XHG-M600A (Model: M600A)

There is no FCC ID for the adapter shown on the enclosure of your computer. Instead you will find an indicator pointing to the location of the FCC ID on the bottom of your computer. The FCC ID is affixed on the approved adapter installed in the PCI Express Mini Card slot, and the FCC ID is visible prior to installation.

#### II. RF safety compliance

The radiated energy from the antenna connected to the wireless WAN adapter conforms to the FCC limit of the SAR (Specific Absorption Rate) requirement regarding 47 CFR Part 2 section 1093, when the computer was tested in the conventional orientation.

#### III. Emergency Calls

The wireless WAN adapter embedded in the computer does not support voice calls, hence their use for essential communication is not possible, including emergency calls regarding the E911 rule.

## ■ Electronic emission notices

### Federal Communications Commission (FCC) Declaration of Conformity

- Model: M600A

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 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.
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[www.lenovo.com](http://www.lenovo.com)

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