Lenovo

Lenovo CT-X636F
Regulatory Notice V1.0

Lenovo Regulatory Notice

■Read first — regulatory information

Read this document before using your device. This device 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 device according to the following instructions.

The latest version of this Regulatory Notice has also been uploaded on the Lenovo Support Web site. To refer to it, go to http://support.lenovo.com/, and then click Guides & Manuals.

Lisez ce document avant d'utiliser votre appareil . Cet appareil est conforme aux normes d'un pays ou d'une région fréquence radio et de sécurité dans laquelle il a été approuvé pour une utilisation sans fil. Installez et utilisez votre appareil en suivant les instructions suivantes .
La dernière version de cet avis de la réglementation a également été téléchargé sur le site Web de support Lenovo . Pour la consulter , allez à http://support.lenovo.com/ , puis cliquez sur Guides et manuels .

■ USA — Federal Communications Commission (FCC)

I. Approved wireless devices

This section presents the FCC ID and model number of this device.

Preinstalled wireless LAN and Bluetooth module
• FCC ID: PPD-QCNFA324 (Model: QCNFA324)

Notes:

• The wireless LAN and the Bluetooth features operate at different frequencies exclusively, and transmit radio frequencies simultaneously.

II. Preinstalled wireless LAN and Bluetooth module

The wireless LAN and Bluetooth module in your device is preinstalled by Lenovo, and you are prohibited to replace with other wireless adapter nor remove it. If the device requires replacement due to some problem during warranty, it must be serviced by a Lenovo authorized servicer.

i) FCC ID location

The FCC ID for the wireless LAN and Bluetooth module is shown on the module. The FCC ID for the device is shown on the enclosure of the device, it shows ”Contains FCC ID: PPD-QCNFA324”

ii) FCC RF Exposure compliance

The radiated energy from the antenna conforms to the FCC limit of the SAR (specific absorption rate) requirement regarding 47 CFR Part 2 section 1093.

iii) Radio Frequency interference requirements

Each device has 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 for North America” on page 4.

When you use a wireless LAN module in the 802.11 a/n transmission mode, note that high power radars are allocated as primary users of the 5250 to 5350 MHz and 5650 to 5850 MHz bands. These radar stations can cause interference with and/or damage this device.

III.Electronic emission notices for North America

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.

This device 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 radiated 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 the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user‘s authority to operate the equipment.

Canada — Industry Canada (IC)

IC Certification number

I. Approved wireless devices
This section presents the IC Certification and model number of the device.

Preinstalled wireless LAN and Bluetooth module
• IC: PPD-QCNFA324 (Model: QCNFA324)

Notes:
• The wireless LAN and the Bluetooth features operate at different frequencies exclusively, and transmit radio frequencies simultaneously.

II. Preinstalled wireless LAN and Bluetooth module
The IC certification number for the wireless LAN and Bluetooth module is shown on the module. The IC certification numbe for the device is shown on the enclosure of the device, it shows” Contains IC: PPD-QCNFA324”

Attention: The wireless LAN and Bluetooth module in your device is preinstalled by Lenovo, and you are prohibited to replace with other wireless module nor remove it. If the device requires replacement due to some problem during warranty, it must be serviced by a Lenovo authorized servicer.

III. Low power license-exempt radiocommunication devices (RSS-247)

This device complies with Innovation, Science and Economic Development 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.

When you use a wireless LAN adapter in the 802.11 a/n/ac transmission mode:
• The devices for the band 5150–5250 MHz are only for indoor usage to reduce potential for harmful interference to co-channel Mobile Satellite systems.
• High power radars are allocated as primary users (meaning they have priority) of 5250–5350 MHz and 5650–5850 MHz and these radars could cause interference and/or damage to LE-LAN (Licence-Exempt Local Area Network) devices.
• The maximum antenna gain permitted for devices in the 5250-5350 MHz, 5470-5725 MHz, and 5725-5850 MHz bands complies with the e.i.r.p. limit.

VI.ISED Radiation Exposure Statement

Lenovo products employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site at www.hc-sc.gc.ca/rpb

The radiated energy from the antennas connected to the wireless adapters conforms to the IC limit of the RF exposure requirement regarding IC RSS-102, Issue 5 clause 4.2.

VII.Innovation, Science and Economic Development Canada ICES-003 Compliance Label:
CAN ICES-3 (B)/NMB-3(B)
This Class B digital apparatus complies with Canadian ICES-003.

Numero d'homologation IC

I. Peripheriques sans fil homologues
Cette section presente le numero d'homologation IC et le numero de modele de chaque peripherique sans fil.

Module LAN sans fil et Bluetooth preinstalle
• IC: PPD-QCNFA324 (Model: QCNFA324)

Remarques:
• Les fonctions de reseau local sans fil, et Bluetooth sont operationnelles a des frequences

differentes exclusivement et emettent des frequences radio simultanement.

II. Preinstalled wireless LAN and Bluetooth module

The IC certification number for the wireless LAN and Bluetooth module is shown on the module. The IC certification number for the device is shown on the enclosure of the device,it shows”Contains transmitter IC: PPD-QCNFA324”

Attention: The wireless LAN and Bluetooth module in your device is preinstalled by Lenovo, and you are prohibited to replace with other wireless module nor remove it. If the device requires replacement due to some problem during warranty, it must be serviced by a Lenovo authorized servicer.

III. Appareils de radio-communication basse tension sans licence d'utilisation (CNR247)

Le fonctionnement de ce type d'appareil est soumis aux deux conditions suivantes:
1. Cet appareil ne peut pas causer de perturbations electromagnetiques.
2. Cet appareil doit accepter toutes les perturbations recues, y compris celles susceptibles d'occasionner un fonctionnement indesirable.

Lorsque vous utilisez une module de reseau local sans fil dans le mode de transmission 802.11 a/n/ac, tenez compte des remarques suivantes:
• Les appareils destines a la bande 5150–5250 MHz devront etre exclusivement utilises en interieur afin de reduire les risques de perturbations electromagnetiques genantes sur les systemes de satellite mobile dans un meme canal.
• Les radars a forte puissance sont designes comme les utilisateurs principaux (c'est-a-dire qu'ils sont prioritaires) des bandes 5250-5350 MHz et 5650-5850 MHz. Ils peuvent provoquer des perturbations electromagnetiques sur les appareils de type LE-LAN (reseau de communication local sans licence) oules endommager.
• Le gain d'antenne maximal autorisé pour les appareils dans les bandes 5250-5350 MHz, 5470-5725 MHz, et les bandes 5725-5850 MHz est conforme à la e.i.r.p. limite.

VI.ISED Radiation Exposure Statement

Produits Lenovo emploient antennes à gain faible intégrales qui ne émette pas de champ RF dépassant les limites de Santé Canada pour la population générale ; consultez le Code de sécurité 6, disponible sur le site Web de Santé Canada à www.hc-sc.gc.ca/rpb

L'énergie rayonnée par les antennes reliées aux adaptateurs sans fil conforme à la limite IC de l'exigence de l'exposition aux RF IC concernant RSS - 102 , Issue 5 clause 4.2

VII.Innovation, Science and Economic Development Canada ICES-003

Compliance Label:

CAN ICES-3 (B)/NMB-3(B)

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

YOUR MOBILE DEVICE MEETS FCC AND IC
LIMITS FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC) and Industry Canada (IC). These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC and IC guidelines for your device model are listed below:

Maximum SAR for this model and conditions under which it was recorded.			
FCC 1g SAR Limit(1.6W/kg)	Body-worn	Wi-Fi, Bluetooth	1.38 W/kg

Commented [ZZJ1]: Please note that these SAR values are standalone only and do not include the simultaneous SAR values.

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body.

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