

Lenovo

TB310XU

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. Integrated WLAN & Bluetooth function

- FCC ID: O57TB310XU

Wireless LAN function 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 antenna conforms to the FCC limit of the SAR (specific absorption rate) requirement regarding 47 CFR Part 2 section 1093.

ii) FCC ID of wireless function:

The FCC ID for the Integrated GSM,WCDMA,LTE,WLAN & Bluetooth function is indicated on the label affixed on the bottom side of your device.

iii) Radio Frequency interference requirements:

- This product has been tested and found to comply with the limits for a Class B digital device pursuant to FCC Part 15 Subpart B and C and E.

II. Simultaneous use of RF transmitters

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

1. When you use any other RF option device, all other wireless features including the above integrated devices in your Lenovo device 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.

■ Canada- Innovation, Science and Economic Development

Canada (ISED)

I) Integrated WLAN & Bluetooth function

IC: 10407A-TB310XU

Wireless LAN Integrated WLAN & Bluetooth function marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

The IC number for the Integrated WLAN & Bluetooth function is indicated on the label affixed on the bottom side of your device.

Innovation, Science and Economic Development Canada

II) Low power license-exempt radio communication devices (RSS-247):

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.

Usage of this device is limited to indoor in the band 5150-5250MHz.

III) Exposure of humans to RF fields (RSS-102):

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.

Numéro d'homologation IC

I) Modules de réseaux local sans fil pré-installé à l'usine:

- IC: 10407A-TB310XU

Fonction LAN sans fil WLAN et Bluetooth intégré commercialisé aux Etats-Unis et le Canada ne prend pas en charge ni fonction dans les canaux étendus (12CH, 13CH).

Le numéro IC pour la fonction WLAN et Bluetooth intégré est indiqué sur l'étiquette apposée sur le côté bas de votre appareil.

II) Remarque relative aux appareils de communication radio de faible puissance sans licence (CNR-247):

Le fonctionnement de ce type d'appareil est soumis aux deux conditions suivantes:

1. Cet appareil ne doit pas perturber les communications radio, et
2. cet appareil doit supporter toute perturbation, y compris les perturbations qui pourraient provoquer son dysfonctionnement.

L'utilisation de ce dispositif est limité à l'intérieur dans le 5150-5250MHz de bande.

III) Exposition des êtres humains aux champs radioélectriques (RF) (CNR-102):

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

■ Electronic emission notices for North America

Federal Communications Commission (FCC) Supplier's Declaration of Conformity

The following information refers to [TB310XU] , machine type: [ZAC5]

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
7001 Development Drive
Morrisville, NC 27560
Email: FCC@lenovo.com

For model: TB310XU

■ European Union (EU) / United Kingdom (UK) compliance

UK Declaration of Conformity



Hereby, Lenovo (Slovakia) Ltd., declares that the wireless equipment listed in this document is in compliance with the UK Radio Equipment Regulations SI 2017 No. 1206.

The full text of the system UK declaration of conformity is available at the following Internet address:

<https://www.lenovo.com/us/en/compliance/uk-doc>

UK Frequency band restriction for wireless LAN

Usage of this device is limited to indoor use in the WLAN band 5150 – 5350 Mhz.

EU Declaration of Conformity



English

Hereby, Lenovo (Singapore) Pte. Ltd., declares that the wireless equipment listed in this document is in compliance with the EU Radio Equipment Directive 2014/53/EU.

The full text of the system EU Declaration of Conformity is available at the following Internet address:

<https://www.lenovo.com/us/en/compliance/eu-doc>

EU Frequency band restriction for wireless LAN

Usage of this device is limited to indoor use in the WLAN band 5150 – 5350 Mhz.

BG

С настоящото [Lenovo PC HK Limited] декларира, че този тип радиосъоръжение [designation of type of radio equipment] е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

И з п о л з в а н е т о на това устройство е ограничено до употреба на закрито в честотен диапазон 5150–5350 MHz.

CS

Tímto [Lenovo PC HK Limited] prohlašuje, že typ rádiového zařízení [designation of type of radio

equipment] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Použití tohoto zařízení je omezeno na vnitřní prostory a pásmo 5 150–5 350 MHz.

DA

Hermed erklærer [Lenovo PC HK Limited] , at radioudstyrstypen [designation of type of radio equipment] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Brugen af dette apparat er begrænset til indendørs i båndet fra 5150 til 5350 MHz.

DE

Hiermit erklärt [Lenovo PC HK Limited] , dass der Funkanlagentyp [designation of type of radio equipment] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Der Einsatz dieses Geräts ist beschränkt auf Innenräume sowie einen Frequenzbereich zwischen 5150 MHz und 5350 MHz.

EL

Με την παρούσα ο/η [Lenovo PC HK Limited] , δηλώνει ότι ο ραδιοεξοπλισμός [designation of type of radio equipment] πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Η χρήση αυτής της συσκευής περιορίζεται σε εσωτερικούς χώρους στη ζώνη 5150 με 5350 MHz.

EN

Hereby, [Lenovo PC HK Limited] declares that the radio equipment type [designation of type of radio equipment] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Usage of this device is limited to indoor in the band 5150 to 5350 MHz.

ES

Por la presente, [Lenovo PC HK Limited] declara que el tipo de equipo radioeléctrico [designation of type of radio equipment] es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

El uso de este dispositivo se limita a interiores en la banda de 5.150 a 5.350 MHz.

ET

Käesolevaga deklareerib [Lenovo PC HK Limited] , et käesolev raadioseadme tüüp [designation of type of radio equipment] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Seade on kasutamiseks ainult siseruumides sagedusribas 5150 kuni 5350 MHz.

FI

[Lenovo PC HK Limited] vakuuttaa, että radiolaitetyyppi [designation of type of radio equipment] on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Tämän laitteen käyttö on rajoitettu sisätiloihin taajuusalueelle 5150-5350 MHz.

FR

Le soussigné, [Lenovo PC HK Limited] , déclare que l'équipement radioélectrique du type [designation of type of radio equipment] est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Ce dispositif est limité à une utilisation en intérieur dans la bande 5150-5350 MHz.

HR

[Lenovo PC HK Limited] ovime izjavljuje da je radijska oprema tipa [designation of type of radio equipment] u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Upotreba ovog uređaja ograničena je na zatvorene prostore u pojasu od 5150 do 5350 MHz.

HU

[Lenovo PC HK Limited] igazolja, hogy a [designation of type of radio equipment] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
A készülék kizárólag beltéri használatra alkalmas az 5150–5350 MHz-es.

IT

Il fabbricante, [Lenovo PC HK Limited] , dichiara che il tipo di apparecchiatura radio [designation of type of radio equipment] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Notkun á þessu tæki er takmörkuð innanhúss við tíðnisviðið 5150-5350 MHz.

LT

Aš, [Lenovo PC HK Limited] , patvirtinu, kad radijo įrenginių tipas [designation of type of radio equipment] atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Šio prietaiso naudojimas ribojamas – jį galima naudoti patalpų viduje 5150–5350 MHz.

LV

Ar šo [Lenovo PC HK Limited] deklarē, ka radioiekārta [designation of type of radio equipment] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta

vietnē: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Šī ierīce paredzēta lietošanai iekšējās 5150-5350 MHz joslā.

NL

Hierbij verklaar ik, [Lenovo PC HK Limited], dat het type radioapparatuur [designation of type of radio equipment] conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Dit apparaat kan alleen binnenshuis worden gebruikt in de band 5150-5350 MHz.

PL

[Lenovo PC HK Limited] niniejszym oświadcza, że typ urządzenia radiowego [designation of type of radio equipment] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Urządzenie to można używać tylko w pomieszczeniach oraz w paśmie od 5150 do 5350 MHz.

PT

O(a) abaixo assinado(a) [Lenovo PC HK Limited] declara que o presente tipo de equipamento de rádio [designation of type of radio equipment] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

A utilização deste dispositivo está limitada a espaços interiores, nas bandas 5150-5350 MHz.

RO

Prin prezenta, [Lenovo PC HK Limited] declară că tipul de echipamente radio [designation of type of radio equipment] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Utilizarea acestui dispozitiv este limitat la interior în banda 5.150 - 5.350 MHz.

SK

[Lenovo PC HK Limited] týmto vyhlasuje, že rádiové zariadenie typu [designation of type of radio equipment] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Toto zariadenie možno používať len v interiéri v pásme 5 150 – 5 350 MHz.

SL

[Lenovo PC HK Limited] potrjuje, da je tip radijske opreme [designation of type of radio equipment] skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]

Uporaba te naprave je dovoljena v zaprtih prostorih v pasu 5150–5350 MHz.

SV

Härmed försäkrar [Lenovo PC HK Limited] att denna typ av radioutrustning [designation of type of radio equipment] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Användning av denna enhet är begränsad till inomhus i bandet 5150-5350 MHz.

IS

[Lenovo PC HK Limited] lýsir yfir að radióbúnaður gerð [designation of type of radio equipment] er í samræmi við tilskipun 2014/53/EU. Heildartexta EU samræmisýfirlýsing er í boði á eftirfarandi veffangi: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Notkun á þessu tæki er takmörkuð innanhúss við tíðnisviðið 5150-5350 MHz.

NO

[Lenovo PC HK Limited] erklærer at radioutstyret av typen [designation of type of radio equipment] er i samsvar med direktivet 2014/53/EU. Den fulle teksten til EUs samsvarserklæring finnes på følgende internettadresser: [http://www.lenovo.com/us/en/social_responsibility/EU_DoC_tablets]
Bruk av denne enheten er begrenset til innendørs på båndet 5150–5350 MHz.

YOUR MOBILE DEVICE MEETS INTERNATIONAL

GUIDELINES 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) recommended by international guidelines. The guidelines were developed by an independent scientific organization (ICNIRP) and 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. 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 ICNIRP guidelines for your device model are listed below:

Maximum SAR for this model and conditions under which it was recorded.			
Europe/UK 10g SAR Limit (2.0 W/kg)	Body-worn (0mm)	LTE Wi-Fi, Bluetooth	X.XXXW/kg
Europe/UK 10g SAR Limit (4.0 W/kg)	Limb (0mm)	LTE Wi-Fi, Bluetooth	X.XXXW/kg

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.

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:

Maxium SAR for this model and conditions under which it was recorded.			
FCC 1g SAR Limit(1.6W/kg)	Body-worn	LTE Wi-Fi, Bluetooth	1.18W/kg
Chile 1g SAR Limit(1.6W/kg)	Body-worn	LTE Wi-Fi, Bluetooth	1.18W/kg

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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