




























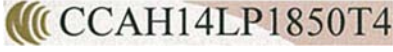
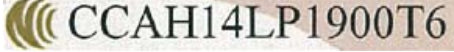



## Modular Regulatory Certification Country Markings

*(Table lists only countries requiring marking not all certified countries)*

<b>Countries</b> 	<b>Marking is on the M.2 board label</b>	<b>Intel® Wireless Gigabit Sink W13100 (802.11ad) Intel® Wireless Gigabit Antenna-M 10041R</b>	
		<b>Model 13100NGW</b>	<b>Model 13100NGW LC</b>
<b>Australia</b> 	<b>Yes</b>		
<b>Brazil</b> 	<b>Yes (OEMs must put ID on their system)</b>	 4240-14-4423  (01) 789835595 037 7 <div style="border: 1px solid black; padding: 2px; font-size: 8px; margin-top: 5px;">             Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.           </div>	
<b>Canada</b> 	<b>Yes (IC ID)</b>	<b>IC ID: 1000M-13100NG</b>	
<b>China</b> 	<b>Yes</b>		<b>13100NGW LC:</b> <div style="border: 1px solid black; padding: 5px; margin-top: 5px; display: inline-block;"> <b>CMIIT ID: 2014DJ4599 (M)</b> </div>
<b>Europe/R&amp;TTE</b> 	<b>Yes</b>		
<b>Ghana</b> 	<b>No</b>	<b>NCA APPROVED: 3R2-1M-EX-134</b>	

<p>Japan</p> 	<p>Yes</p>	 <p>® 003-140231   D140182003</p>	
<p>Jordan</p> 	<p>No</p>	<p>TRC/LPD/2014/265</p>	
<p>Korea</p> 	<p>Yes</p>	 <p>MSIP-CRM-INT-13100NGW</p> <p>해당 무선설비는 운용 중 전파혼신 가능성이 있음  1.상 호 명: INTEL CORPORATION  2.기자재의 명칭 (모델명): 특정소출력 무선기기(무선랜을 포함한 무선접속시스템용 무선기기) 13100NGW  3.제조연월:10/2015  4.제 조 자/제 조 국 : INTEL CORPORATION / China</p>	
<p>Malaysia</p> 	<p>No (OEMs must put ID on their system)</p>	<p><b>Note:</b>  Every importer (i.e. OEM) must have a valid SIRIM certificate of the Intel module in the name of their local representative in order to sell their laptops in the Malaysia market. There is a mandatory labeling requirement for Malaysia. OEMs need to purchase the SIRIM stickers from SIRIM &amp; stick this label on the approved product or at the back of their system.</p>	
<p>Mexico</p> 	<p>No</p>	<p>13100NGW:  RCPIN1315-0169</p>	<p>13100NGW LC:  RCPIN1315-0169-A1</p>
<p>Moldova</p> 	<p>No</p>		
<p>Morocco</p> 	<p>No</p>	<p>AGREE PAR L'ANRT MAROC</p> <p>Numéro d'agrément : MR 11179 ANRT 2015  Date d'agrément : 23/12/2015</p>	
<p>Serbia</p> 	<p>No</p>		

<b>Singapore</b> 	No	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Complies with  IDA Standards  DB 02941 </div>	
<b>South Africa</b> 	See Note	<b>Note:</b> <i>The approval labels must be purchased by the customer's local representative directly from the approval authority ICASA.</i>	
<b>Taiwan</b> 	Yes		
<b>UAE</b> 	No	<b>TRA REGISTERED No:</b> <b>ER37776/15</b>	
<b>USA</b> 	Yes (FCC ID)	<b>FCC ID: PD913100NG</b>	

## INFORMATION FOR THE USER

### Safety Notices


#### USA FCC Radio Frequency Exposure

The FCC with its action in ET Docket 96-8 has adopted a safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC certified equipment. The wireless adapter meets the Human Exposure requirements found in FCC Part 2, 15C, 15E along with guidance from KDB 447498, KDB 248227 and KDB 616217. Proper operation of this radio according to the instructions found in this manual will result in exposure substantially below the FCC's recommended limits.

The following safety precautions should be observed:

- 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 radio.
- Use in specific environments:
  - The use of wireless adapters in hazardous locations is limited by the constraints posed by the safety directors of such environments.
  - The use of electronic devices equipped with wireless adapters on airplanes is governed by rules for each commercial airline operator.
  - The use of wireless adapters in hospitals is restricted to the limits set forth by each hospital.


#### Explosive Device Proximity Warning


 **Warning:** Do not operate a portable transmitter (including this wireless adapter) near unshielded blasting caps or in an explosive environment unless the transmitter has been modified to be qualified for such use.

#### Antenna Warnings

 **Warning:** The wireless adapter is not designed for use with high-gain directional antennas.

#### Use On Aircraft Caution


 **Caution:** Regulations of commercial airline operators may prohibit airborne operation of certain electronic devices equipped with radio-frequency wireless devices (wireless adapters) because their signals could interfere with critical aircraft instruments.

 **Caution:** 60 GHz/802.11ad equipment is not permitted on aircraft per FCC §15.255. OEM and host integrators should consider this FCC rule in host devices.

#### Other Wireless Devices

**Safety Notices for Other Devices in the Wireless Network:** See the documentation supplied with wireless adapters or other devices in the wireless network.

#### Local Restrictions on 802.11a, 802.11b, 802.11d, 802.11g, 802.11n, 802.11ac/ad, and 802.11e Radio Usage

 **Caution:** Due to the fact that the frequencies used by 802.11a, 802.11b, 802.11d, 802.11g, 802.11n, 802.11ac, and 802.11e wireless LAN devices may not yet be harmonized in all countries, 802.11a, 802.11b, 802.11d, 802.11g, 802.11n, 802.11ac/ad, and 802.11e products are designed for use only in specific countries, and are not allowed to be operated in countries other than those of designated use. As

a user of these products, you are responsible for ensuring that the products are used only in the countries for which they were intended and for verifying that they are configured with the correct selection of frequency and channel for the country of use. The device transmit power control (TPC) interface is part of the Intel® PROSet/Wireless WiFi Connection Utility Software. Operational restrictions for Equivalent Isotropic Radiated Power (EIRP) are provided by the system manufacturer. Any deviation from the permissible power and frequency settings for the country of use is an infringement of national law and may be punished as such.

## **Wireless Interoperability**

The wireless adapter is designed to be interoperable with other wireless LAN products that are based on direct sequence spread spectrum (DSSS) radio technology and to comply with the following standards:

- IEEE Std. 802.11b compliant Standard on Wireless LAN
- IEEE Std. 802.11g compliant Standard on Wireless LAN
- IEEE Std. 802.11a compliant Standard on Wireless LAN
- IEEE Std. 802.11n draft 2.0 compliant on Wireless LAN
- IEEE 802.16e-2005 Wave 2 compliant
- Wireless Fidelity certification, as defined by the Wi-Fi Alliance
- WiMAX certification as defined by the WiMAX Forum

## **The Wireless Adapter and Your Health**

The wireless adapter, like other radio devices, emits radio frequency electromagnetic energy. The level of energy emitted by the wireless adapter, however, is less than the electromagnetic energy emitted by other wireless devices such as mobile phones. The wireless adapter operates within the guidelines found in radio frequency safety standards and recommendations. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature. In some situations or environments, the use of the wireless adapter may be restricted by the proprietor of the building or responsible representatives of the applicable organization. Examples of such situations may include:

- Using the wireless adapter on board airplanes, or
- Using the wireless adapter in any other environment where the risk of interference with other devices or services is perceived or identified as being harmful.

If you are uncertain of the policy that applies to the use of wireless adapters in a specific organization or environment (an airport, for example), you are encouraged to ask for authorization to use the adapter before you turn it on.

## **Information To Be Supplied to the End User by the OEM or Integrator**

The following regulatory and safety notices must be published in documentation supplied to the end user of the product or system incorporating the Intel® wireless adapter, in compliance with local regulations. Host system must be labeled with "Contains FCC ID: XXXXXXXX", FCC ID displayed on label.

The Intel® wireless adapter must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. Intel Corporation is not responsible for any radio or television interference caused by unauthorized modification of the devices included with the wireless adapter kit or the substitution or attachment of connecting cables and equipment other than that specified by Intel Corporation. The correction of interference caused by such unauthorized modification, substitution or attachment is the responsibility of the user. Intel Corporation and authorized resellers or distributors are not liable for any damage or violation of government regulations that may arise from the user failing to comply with these guidelines.

## Local Restriction of 802.11a, 802.11b, 802.11g, 802.11n/ac/ad, and 802.11e Radio Usage

The following statement on local restrictions must be published as part of the compliance documentation for all 802.11a, 802.11b, 802.11g and 802.11n products.

- **Caution:** Due to the fact that the frequencies used by 802.11a, 802.11b, 802.11g, 802.11n/ac/ad, and 802.16e wireless LAN devices may not yet be harmonized in all countries, 802.11a, 802.11b, 802.11g, 802.11n, and 802.16e products are designed for use only in specific countries, and are not allowed to be operated in countries other than those of designated use. As a user of these products, you are responsible for ensuring that the products are used only in the countries for which they were intended and for verifying that they are configured with the correct selection of frequency and channel for the country of use. Any deviation from the permissible power and frequency settings for the country of use is an infringement of national law and may be punished as such.

## FCC Radio Frequency Interference Requirements

This wireless adapter is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this wireless adapter to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems. High power radars are allocated as primary users 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 this device.

- This wireless adapter is intended for OEM integrators only.
- This wireless adapter cannot be co-located with any other transmitter unless approved by the FCC based upon FCC Knowledge Database publication number 616217 D03 (Supplement) when there are multiple radios installed in a host device, RF exposure transmitting assessment shall be performed to determine the necessary application and test requirements. Certain criteria can be used in determine the requirement for simultaneous SAR evaluation and whether Class I or Class II permissive change may apply. OEM integrators must consult the actual FCC KDB 616217 Supplement document for details.



This wireless adapter complies with Part 15 of the FCC Rules. Operation of the device is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may cause undesired operation.
- The requirements described within this document are provided to OEM's and system integrators installing the wireless adapter in host platforms. Strict adherence to these requirements is necessary to meet the conditions of compliance with FCC and Industry Canada rules for RF exposure. When all requirements described herein are fulfilled the wireless adapter may be installed in host platforms with no further RF exposure restrictions when integrating. If any of the requirements herein are not fulfilled then additional testing and FCC/IC Permissive Changes may be required with the specific host platform and/or antennas for compliance.
- **Antenna:**  
Only the following antennas may be used with the wireless adapter. Other types of antennas and/or higher gain antennas can only be authorized by Permissive Change.

## Intel® Wireless Gigabit Antenna-M 10041R

- **Antenna Placement:**  
To comply with RF exposure requirements the antenna(s) used with the wireless adapter must be installed to provide a minimum separation distance of 20 cm from all persons in all operating modes and orientations of the host platform as specified by the FCC grant conditions. The antenna separation distance applies to both horizontal and vertical orientations

Details of the authorized antenna separation distances can be found at <http://www.fcc.gov/oet/ea/> by entering the FCC ID number of the device

### Interference Statement

This wireless adapter 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 wireless adapter generates, uses, and can radiate radio frequency energy. If the wireless adapter is not installed and used in accordance with the instructions, the wireless adapter may cause harmful interference to radio communications. There is no guarantee, however, that such interference will not occur in a particular installation. If this wireless adapter 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 taking one or more of the following measures:

- Reorient or relocate the receiving antenna of the equipment experiencing the interference.
- Increase the distance between the wireless adapter and the equipment experiencing the interference.
- Connect the computer with the wireless adapter to an outlet on a circuit different from that to which the equipment experiencing the interference is connected.
- Consult the dealer or an experienced radio/TV technician for help

**NOTE:** The adapter must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. Any other installation or use will violate FCC Part 15 regulations.

### Underwriters Laboratories Inc. (UL) Regulatory Approval

This device is UL Recognized Component for use in UL Listed personal computers or compatible equipment.

### Halogen-Free Label

Some adapters are packaged with a Halogen-Free label. This claim applies only to halogenated flame retardants and PVC in components. Halogens are below 900 PPM bromine and 900 PPM chlorine.

**Low Halogen:** Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

### Radio Approvals

To determine whether you are allowed to use your wireless network device in a specific country, please check to see if the radio type number that is printed on the identification label of your device is listed in the manufacturer's OEM Regulatory Guidance document.

### Regulatory Markings

A list of required regulatory markings can be found on the web at

To find the regulatory information for your adapter, click on the link for your adapter. Then click **Additional Information > Regulatory Documents**

## Regulatory Statements

### Brazil

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

### Canada – Industry Canada (IC)

This device complies with Industry Canada licence-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.

Cet appareil se conforme aux normes Canada d'Industrie de RSS permis-exempt. L'utilisation est assujetti aux deux conditions suivantes: (1) cet appareil ne peut pas causer d'interférences, et (2) cet appareil doit accepter des interférences, y compris des interférences qui peuvent causer des opérations non désirées de l'appareil.

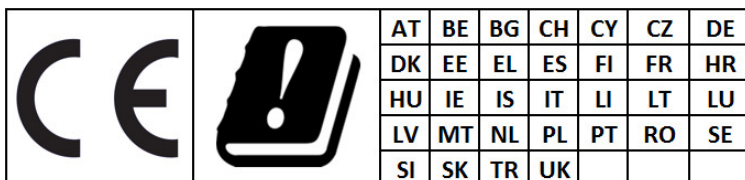
**Caution:** To comply with RF exposure requirements all antennas should be located at a minimum distance of 20cm from the body of all persons.

**Attention:** Pour se conformer aux conditions d'exposition RF toutes les antennes devraient être localisées à une distance minimum de 20 cm du corps de toutes les personnes.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Selon les règlements de Canada d'Industrie, cet émetteur de radio peut seulement fonctionner en utilisant une antenne du type et de gain maximum (ou moindre) que le gain approuvé pour l'émetteur par Canada d'Industrie. Pour réduire les interférences radio potentielles avec les autres utilisateurs, le type d'antenne et son gain devraient être choisis de façon à ce que la puissance isotrope rayonnée équivalente (P.I.R.E.) ne soit pas supérieure à celle qui est nécessaire pour une communication réussie.

### European Union



This equipment complies with the essential requirements of the European Union directive 2014/53/EU. See [Statements of European Union Compliance](#).



## European Union Declarations of Conformity.

To view the European Union Declaration of Conformity for your adapter, perform these steps.

1. Open this web site: <http://www.intel.com/content/www/us/en/support/network-and-i-o/wireless-networking/000007443.html>
2. Click on "User Guide."
3. Scroll to your adapter.

To view additional regulatory information for your adapter, perform these steps:

1. Open this web site: <http://www.intel.com/content/www/us/en/support/network-and-i-o/wireless-networking/000007443.html>
2. Click on the link for your adapter.
3. Click on **Regulatory Marking Document** for your adapter.

## Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## Taiwan

### 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。

## Statement of European Compliance

[Bulgarian]: С настоящото Intel® Corporation декларира, че този процесор Intel® Wireless Gigabit Sink W13100 е в съответствие със съществените изисквания и други приложими разпоредби на Директива 2014/53 / ЕС.

Česky

[Czech]

Intel® Corporation tímto prohlašuje, že tento Intel® Wireless Gigabit Sink W13100 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.

Dansk

[Danish]

Undertegnede Intel® Corporation erklærer herved, at følgende udstyr Intel® Wireless Gigabit Sink W13100 overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.

Deutsch

[German]

Hiermit erklärt Intel® Corporation, dass sich das Gerät Intel® Wireless Gigabit Sink W13100 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.

Esti

[Estonian]

Käesolevaga kinnitab Intel® Corporation seadme Intel® Wireless Gigabit Sink W13100 vastavust direktiivi 2014/53/EU põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English

Hereby, Intel® Corporation, declares that this Intel® Wireless Gigabit Sink W13100 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Español

[Spanish]

Por medio de la presente Intel® Corporation declara que el Intel® Wireless Gigabit Sink W13100 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU.

Ελληνική

[Greek]

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Intel® Corporation ΔΗΛΩΝΕΙ ΟΤΙ Intel® Wireless Gigabit Sink W13100 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU.

Français

[French]

Par la présente Intel® Corporation déclare que l'appareil Intel® Wireless Gigabit Sink W13100 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU.

Italiano

[Italian]

Con la presente Intel® Corporation dichiara che questo Intel® Wireless Gigabit Sink W13100 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU.

Latviski

[Latvian]

Ar šo Intel® Corporation deklarē, ka Intel® Wireless Gigabit Sink W13100 atbilst Direktīvas 2014/53/EU būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių

[Lithuanian]

Šiuo Intel® Corporation deklaruoja, kad šis Intel® Wireless Gigabit Sink W13100 atitinka esminius reikalavimus ir kitas 2014/53/EU Direktyvos nuostatas.

Nederlands

[Dutch]

Hierbij verklaart Intel® Corporation dat het toestel Intel® Wireless Gigabit Sink W13100 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.

Malti

[Maltese]

Hawnhekk, Intel® Corporation, jiddikjara li dan Intel® Wireless Gigabit Sink W13100 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2014/53/EU.

Magyar

[Hungarian]

Alulírott, Intel® Corporation nyilatkozom, hogy a Intel® Wireless Gigabit Sink W13100 megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.

Norsk

[Norwegian]

Intel® Corporation erklærer herved at utstyret Intel® Wireless Gigabit Sink W13100 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU.

Polski

[Polish]

Niniejszym, Intel® Corporation, oświadcza, że Intel® Wireless Gigabit Sink W13100 jest zgodne z zasadniczymi wymaganiami oraz innymi stosownymi postanowieniami Dyrektywy 2014/53/EU.

Português

[Portuguese] Intel® Corporation declara que este Intel® Wireless Gigabit Sink W13100 está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU.

Română

[Romanian]:

Acest echipament Intel® Wireless Gigabit Sink W13100 este in conformitate cu cerintele esentiale si cu alte prevederi relevante ale Directivei 2014/53/EU.

Slovensko

[Slovenian]

Šiuo Intel® Corporation izjavlja, da je ta Intel® Wireless Gigabit Sink W13100 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/EU.

Slovensky

[Slovak]

Intel® Corporation týmto vyhlasuje, že Intel® Wireless Gigabit Sink W13100 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EU.

Suomi

[Finnish]

Intel® Corporation vakuuttaa täten että Intel® Wireless Gigabit Sink W13100 tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska

[Swedish]

Härmed intygar Intel® Corporation att denna Intel® Wireless Gigabit Sink W13100 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.

Íslenska

[Icelandic] Hér með lýsir Intel® Corporation yfir því að Intel® Wireless Gigabit Sink W13100 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU

## Customer Support

Intel support is available online or by telephone. Available services include the most up-to-date product information, installation instructions about specific products, and troubleshooting tips.

## Online Support

Technical Support: <http://www.intel.com/support>

Network Product Support: <http://www.intel.com/network>

Corporate Web Site: <http://www.intel.com>

© Intel Corporation. All rights reserved. Intel Corporation, 5200 N.E. Elam Young Parkway, Hillsboro, OR 97124-6497 USA