

TOSHIBA

MULTIFUNCTIONAL DIGITAL SYSTEMS

Wireless LAN Precautions for Use

GN-1160


Preface


Thank you for purchasing Toshiba Multifunctional Digital Systems. This manual explains the precautions for Wireless LAN Module GN-1160. Read this manual before using the functions.


■ How to read this manual


□ Symbols in this manual


In this manual, some important items are described with the symbols shown below. Be sure to read these items before using this equipment.

 **WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding objects.

 **CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage to the equipment or surrounding objects, or loss of data.

 **Note** Indicates information to which you should pay attention when operating the equipment.

 **Tip** Describes handy information that is useful to know when operating the equipment.

 Pages describing items related to what you are currently doing. See these pages as required.

□ Target audience for this manual

This is a manual that is aimed at general users and administrators.

□ Model names in this manual

This manual is applicable to the following models.

Model name
e-STUDIO2822AM/2822AF
e-STUDIO2329A/2829A

□ Options

For the available options, refer to the *User's Guide* for this equipment.

□ Trademarks

For trademarks, refer to the *Safety Information*.

Precautions for Wireless LAN Adapter

■ Precautions for Use

This product is classified as “wireless equipment for stations of low-power data transmissions systems” under the Wireless Telegraphy Act, and does not require a radio transmission license. The law prohibits modification of the interior of this product.

■ About Toshiba Wireless Solution

□ Wireless Interoperability

The Wireless LAN is designed to be interoperable with wireless LAN technology that is based on the DSSS/OFDM radio technology.

- Wi-Fi (Wireless Fidelity) certified by the Wi-Fi Alliance. This means that your Wireless hardware will communicate with other vendors' IEEE 802.11 B/G/N compliant wireless LAN product.
- Fully compatible with any of other wireless LAN system based on Direct Sequence Spread Spectrum (DSSS)/ Orthogonal Frequency Division Multiplexing (OFDM) radio technology that complies with the IEEE802.11 standard on wireless LANs (Revision B/G/N).

□ Wireless and your Health

For wireless and your health, refer to the ***Safety Information***.

□ Wireless Specification

For the wireless specification (frequency band, transmitter power and etc.), refer to the ***User's Guide***.

■ Regulatory Information

The Wireless LAN must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. This device complies with the following radio frequency and safety standards.

□ Canada – Industry Canada (IC)

This device complies with ISED'S licence-exempt RSSs. 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 of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in the operator's manual.

The 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.

Déclaration d'exposition aux radiations:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel.

La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

□ Europe EU Declaration of conformity

This device complies the Radio Equipment Directive 2014/53/EU.

The simplified EU declaration of conformity.

[EN] English	Hereby, Toshiba Tec Corporation declares that the radio equipment type GN-1160 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.toshibatec.eu/support/environment
[BG] Bulgarian	С настоящото Toshiba Tec Corporation декларира, че този тип радиосъоръжение GN-1160 е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.toshibatec.eu/support/environment
[CS] Czech	Tímto Toshiba Tec Corporation prohlašuje, že typ rádiového zařízení GN-1160 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: https://www.toshibatec.eu/support/environment
[DA] Danish	Hermed erklærer Toshiba Tec Corporation, at radioudstyrstypen GN-1160 er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.toshibatec.eu/support/environment
[DE] German	Hiermit erklärt Toshiba Tec Corporation, dass der Funkanlagentyp GN-1160 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.toshibatec.eu/support/environment

[ET] Estonian	Käesolevaga deklareerib Toshiba Tec Corporation, et käesolev raadioseadme tüüp GN-1160 vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.toshibatec.eu/support/environment
[EL] Greek	Με την παρούσα ο/η Toshiba Tec Corporation, δηλώνει ότι ο ραδιοεξοπλισμός GN-1160 πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.toshibatec.eu/support/environment
[ES] Spanish	Por la presente, Toshiba Tec Corporation declara que el tipo de equipo radioeléctrico GN-1160 es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.toshibatec.eu/support/environment
[FR] French	Le soussigné, Toshiba Tec Corporation, déclare que l'équipement radioélectrique du type GN-1160 est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.toshibatec.eu/support/environment
[IT] Italian	Il fabbricante, Toshiba Tec Corporation, dichiara che il tipo di apparecchiatura radio GN-1160 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.toshibatec.eu/support/environment
[LV] Latvian	Ar šo Toshiba Tec Corporation deklarē, ka radioiekārta GN-1160 atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.toshibatec.eu/support/environment
[LT] Lithuanian	Aš, Toshiba Tec Corporation, patvirtinu, kad radijo įrenginių tipas GN-1160 atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.toshibatec.eu/support/environment
[HR] Croatian	Toshiba Tec Corporation ovime izjavljuje da je radijska oprema tipa GN-1160 u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.toshibatec.eu/support/environment
[HU] Hungarian	Toshiba Tec Corporation igazolja, hogy a GN-1160 típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.toshibatec.eu/support/environment
[MT] Maltese	B'dan, Toshiba Tec Corporation, niddikjara li dan it-tip ta' tagħmir tar-radju GN-1160 huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: https://www.toshibatec.eu/support/environment
[NL] Dutch	Hierbij verklaar ik, Toshiba Tec Corporation, dat het type radioapparaat GN-1160 conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.toshibatec.eu/support/environment
[PL] Polish	Toshiba Tec Corporation niniejszym oświadcza, że typ urządzenia radiowego GN-1160 jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.toshibatec.eu/support/environment
[PT] Portuguese	O(a) abaixo assinado(a) Toshiba Tec Corporation declara que o presente tipo de equipamento de rádio GN-1160 está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.toshibatec.eu/support/environment

[RO] Romanian	Prin prezenta, Toshiba Tec Corporation declară că tipul de echipamente radio GN-1160 este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.toshibatec.eu/support/environment
[SK] Slovak	Toshiba Tec Corporation týmto vyhlasuje, že rádiové zariadenie typu GN-1160 je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: https://www.toshibatec.eu/support/environment
[SL] Slovenian	Toshiba Tec Corporation potrjuje, da je tip radijske opreme GN-1160 skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.toshibatec.eu/support/environment
[FI] Finish	Toshiba Tec Corporation vakuuttaa, että radiolaitetyyppi GN-1160 on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.toshibatec.eu/support/environment
[SV] Swedish	Härmed försäkrar Toshiba Tec Corporation att denna typ av radioutrustning GN-1160 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.toshibatec.eu/support/environment

Importer (For EU):

Toshiba Tec Germany Imaging Systems GmbH
Carl-Schurz-Str.7, 41460 Neuss, Germany

Manufacturer:

Toshiba Tec Corporation
1-11-1, Osaki, Shinagawa-ku, Tokyo, 141-8562, Japan

❑ USA – Federal Communications Commission (FCC)

Supplier's Declaration of Conformity:

Wireless LAN GN-1160

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.

Toshiba America Business Solutions, Inc.
25530 Commercentre Drive
Lake Forest, CA 92630
Tel: 949-462-6000

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 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.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in the operator's manual. The 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.

❑ Approved Countries/Regions for use for the Toshiba Wireless LAN

This equipment is approved to the radio standard by the specific countries/regions. Please ask Toshiba authorized dealer or service engineer.

■ NOTES!

- The unauthorized reproduction of this document, in whole or in part, is prohibited.
- The specifications, designs, and other contents of this document are subject to change without notice.
- The contents of this document are believed to be accurate, however if any discrepancies noted should be brought to the attention of Toshiba authorized dealer or service engineer.
- Notwithstanding the foregoing, the manufacturer is unable to accept any claims for losses or lost profits, etc. Resulting from the use of this product.
- Toshiba Tec will not guarantee the machine performance if you perform any setting other than specified in this manual.

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Toshiba Tec Corporation

1-11-1, OSAKI, SHINAGAWA-KU, TOKYO, 141-8562, JAPAN

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