

**WX5610-B0**

AX7800 WiFi 6E Tri-Band Gigabit Wireless Extender

**Package Contents**



WX5610-B0



Power Adapter



Ethernet Cable



Quick Start Guide

A member of the Zyxel MPro Mesh solution family.  
MPro Mesh Solution:

- EX7710-B0
- WX5610-B0
- MPro Mesh App

**Quick Start Guide**

Visit [www.zyxel.com/us/en](http://www.zyxel.com/us/en) for updated information.

See the User's Guide at [www.zyxel.com](http://www.zyxel.com) for more information, including customer support and safety warnings.

**US Importer**

Zyxel Communications, Inc  
1130 North Miller Street Anaheim, CA 92806-2001  
<https://www.zyxel.com/us/en/>

**Support Information**

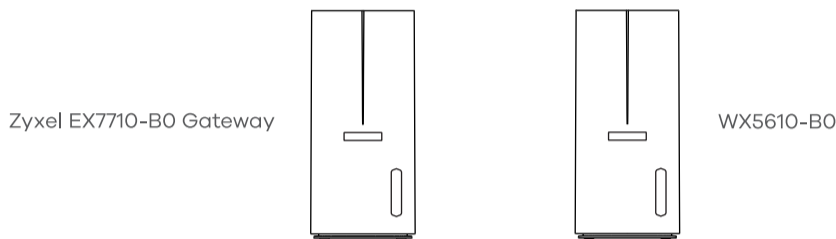
North America ☎ +1800 978 722  
USA ✉ [support@zyxel.com](mailto:support@zyxel.com)  
<https://service-provider.zyxel.com/global/en/tech-support>



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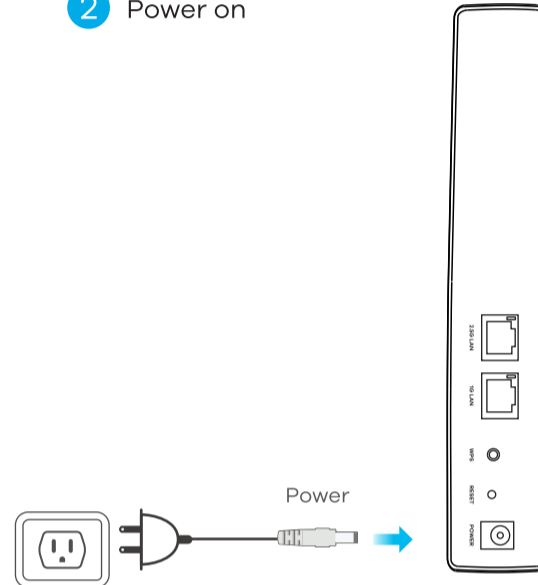
**Connect to EX7710-B0 via WiFi (See the next page to connect via cable.)**

**1 Place the WX5610-B0 Near Your EX7710-B0**



Place your WX5610-B0 next to your Zyxel EX7710-B0 gateway (within 2 meters) for initial setup. You can move the WX5610-B0 to a new location after the initial setup.

**2 Power on**



- Blue Blinking - System is booting.
- On - System is ready.
- Red On - System has failed.
- Off - System is powered off.

Use the included power adaptor to connect the WX5610-B0 power socket to an appropriate power outlet and wait until the **POWER LED** (🔌) stays on solid blue. If the LED does not stay on solid blue, un-plug the power adaptor and plug it back in again.

**3 Connect the WX5610-B0 to Your EX7710-B0**

**3-1**

Press the **WPS** button once, the WX5610-B0 **WPS LED** (🔌) blinks green.

**3-2**

**WAIT 2 minutes**

Press the **WPS** button once, the WX5610-B0 **WPS LED** (🔌) blinks green. **Within Two** minutes, press the **WPS** button on your Zyxel EX7710-B0 gateway. If the WX5610-B0 **WPS LED** (🔌) turns red, do the process again.

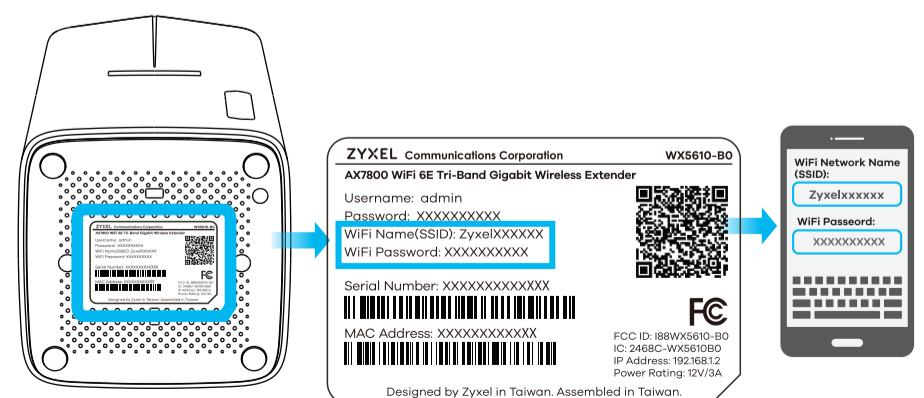
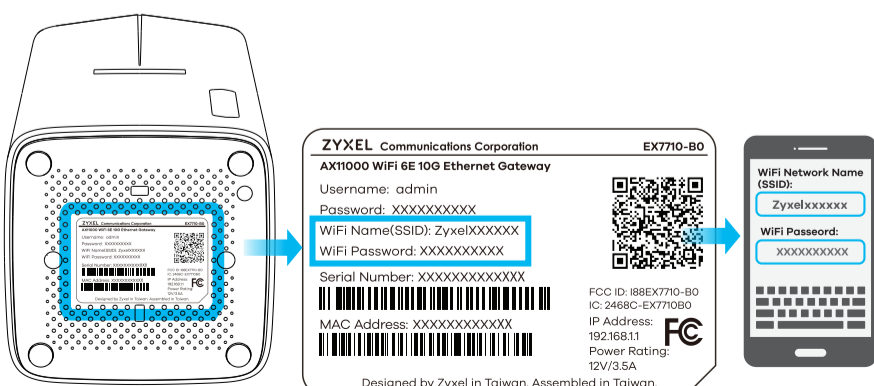
**Wait for Two** minutes. When the **WPS LED** is orange and the **WiFi LED** is on or blinking, continue to the next step to connect your wireless device to the WiFi.

**4 Connect Your Device to the WiFi**

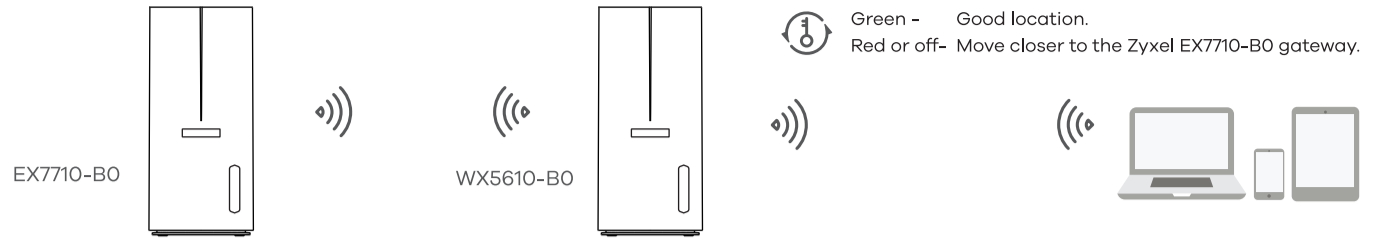
Check whether the **WPS LED** is **SOLID ORANGE**.

🔌 If **SOLID ORANGE**: Your WX5610-B0 has synced the WiFi name (SSID)/password with your Zyxel EX7710-B0 gateway. Connect your wireless device to the gateway's WiFi name (SSID). The default WiFi name and password are on the EX7710-B0's label.

🔌 If **OFF**: Connect your wireless device to the WiFi name (SSID)/password on the WX5610-B0 bottom label.



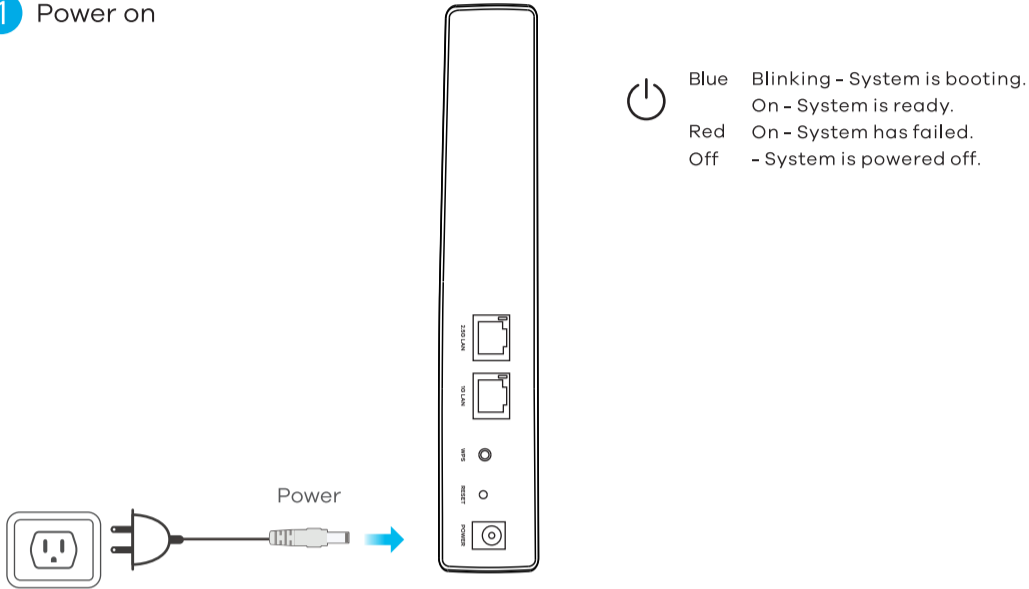
## 5 Relocate the WX5610-B0 to an Optimal Location



Unplug your WX5610-B0 and move it to a new location about halfway between your Zyxel EX7710-B0 gateway and the area with a poor WiFi signal. Plug in your WX5610-B0. The WX5610-B0 must be within range of your Zyxel EX7710-B0 gateway's WiFi network. If the **WPS LED** (🔑) is OFF or RED, move the WX5610-B0 closer to the Zyxel EX7710-B0 gateway and try again until the **WPS LED** (🔑) lights green. Now you can use WiFi and the internet.

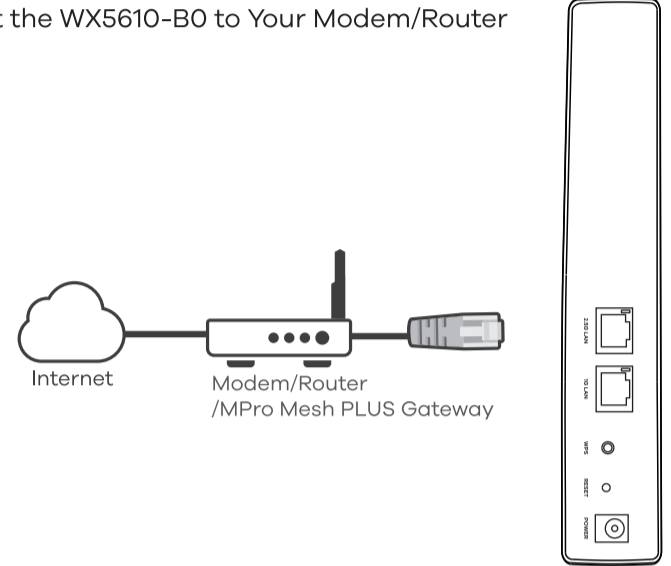
## Connect via Cable (Optional)

### 1 Power on



Use the included power adaptor to connect the WX5610-B0 power socket to an appropriate power outlet and wait until the **POWER LED** (🔌) stays on solid blue. If the LED does not stay on solid blue, un-plug the power adaptor and plug it back in again.

### 2 Connect the WX5610-B0 to Your Modem/Router

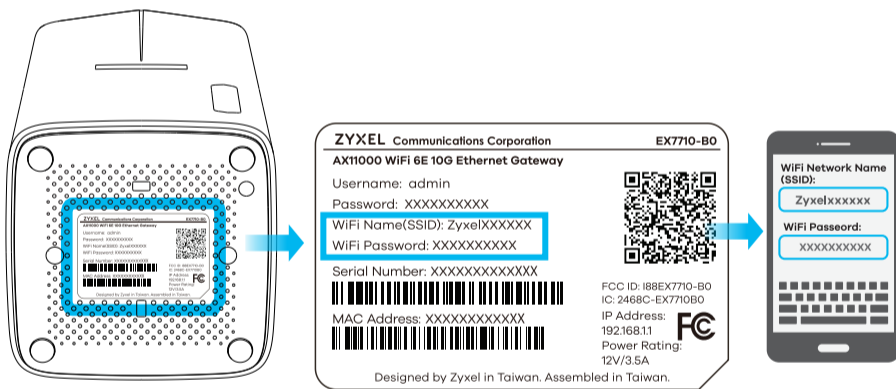


Use the included Ethernet cable to connect **2.5G LAN** or **1G LAN** on the WX5610-B0 to an Ethernet port on your modem/router.

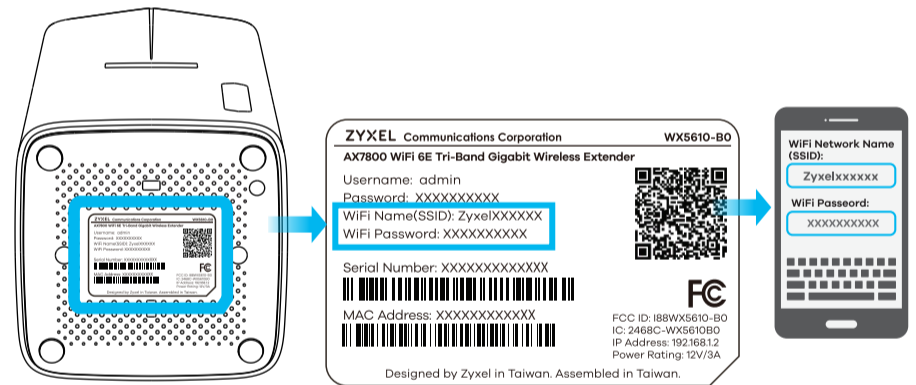
### 3 Connect Your Device to the WiFi

Check whether the **WPS LED** is **SOLID GREEN**, or **OFF**.

🔑 If **SOLID GREEN**: Your WX5610-B0 has synced the WiFi name (SSID)/password with your Zyxel gateway. Connect your wireless device to the existing WiFi name (SSID). The default WiFi name and password are on the Zyxel gateway label.



🔑 If **OFF**: Connect your wireless device to the WiFi name (SSID)/password on the WX5610-B0 bottom label. Now you can use WiFi and the internet.

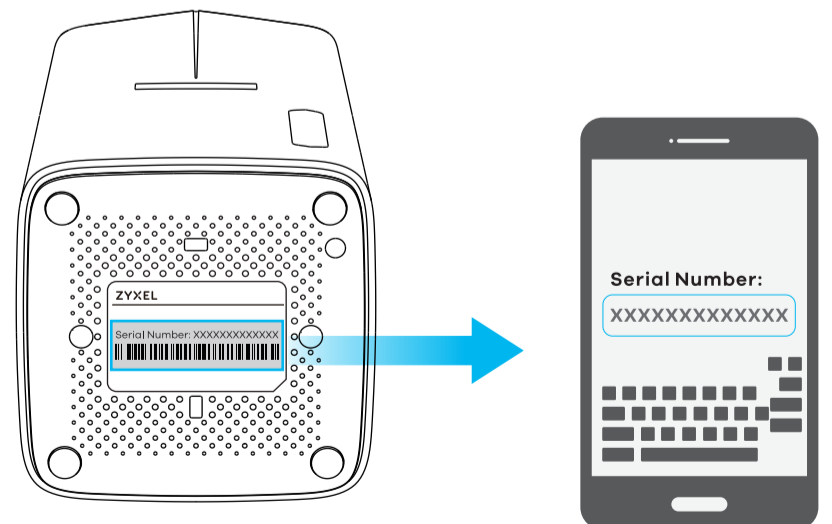


## App Management

1 After successfully surfing the internet, please download the MPro Mesh app to your wireless device.



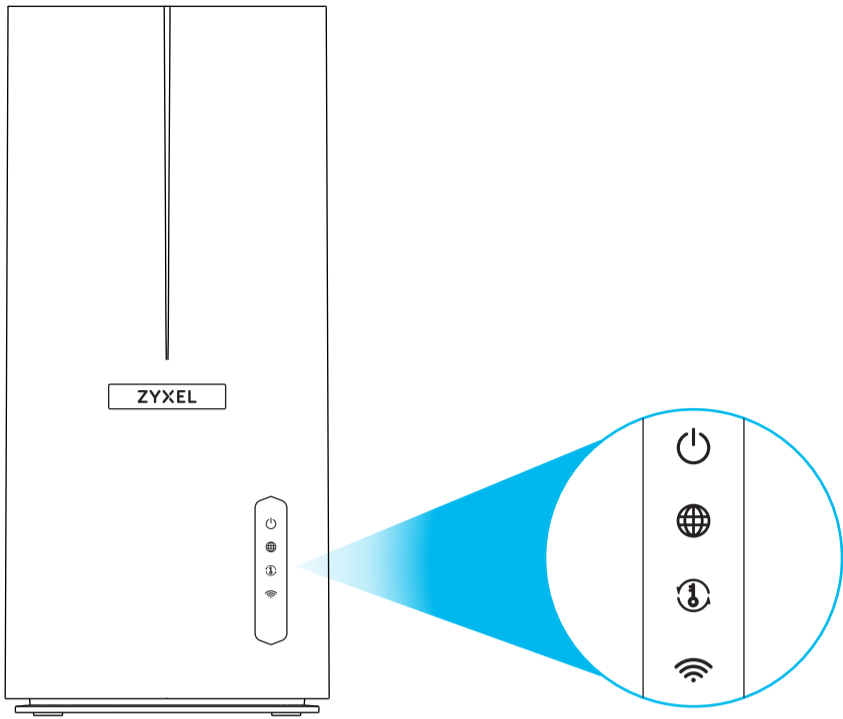
2 Open this app and enter the serial number from the WX5610-B0's bottom label.



3 Use this app to enjoy the following features:

- Remote Management
- View Home Devices
- Guest Wi-Fi
- Manage Home Wi-Fi Name
- Internet Instant Block
- Add Mesh Extender
- Push Notification

## LED Descriptions



POWER	Blue	On - The WX5610-B0 is ready.
	Blinking	The WX5610-B0 is booting.
	Red	On - System failure. Blinking - Firmware upgrading.
INTERNET	Off	Not receiving power.
	Blue	On - Internet is ready.
WPS	Blinking	Transmitting/receiving internet data.
	Red	On - Attempt to get an IP address failed.
	Orange	On - Place the WX5610-B0 farther from the Zyxel EX7710-B0 gateway for better coverage.
WiFi	Green	On - Good connection to the gateway.
	Blinking	The WPS process is in progress.
	Red	On - Place the WX5610-B0 closer to the Zyxel EX7710-B0 gateway.
WiFi	Off	Not connected to the Zyxel EX7710-B0 gateway.
	Blue	On - 2.4G, 5G, and 6G wireless radios are ready.
WiFi	Blinking	Sending and receiving data.
	Off	The 2.4G, 5G, or 6G wireless radio is not ready or has failed.




## Legal and Regulations

See the following legal and regulation information at <http://192.168.1.2/legalInfo>.

**ZYXEL** | WX5610-B0

### Legal and Regulation

Model Name: WX5610-B0  
 Product Name: AX7800 WiFi 6E Tri-Band Gigabit Wireless Extender  
 US importer: Zyxel Communications, Inc, 1130 North Miller Street Anaheim, CA92806-2001

FCC ID: I88WX5610-B0  
 IC: 2468C-WX5610B0

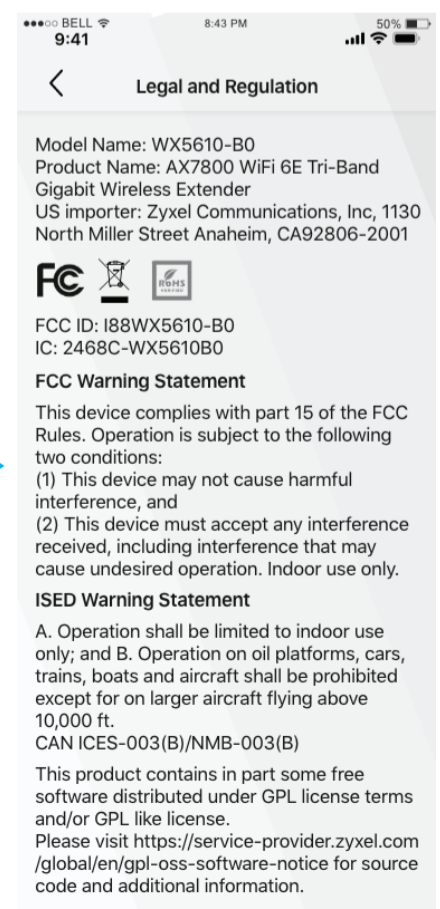
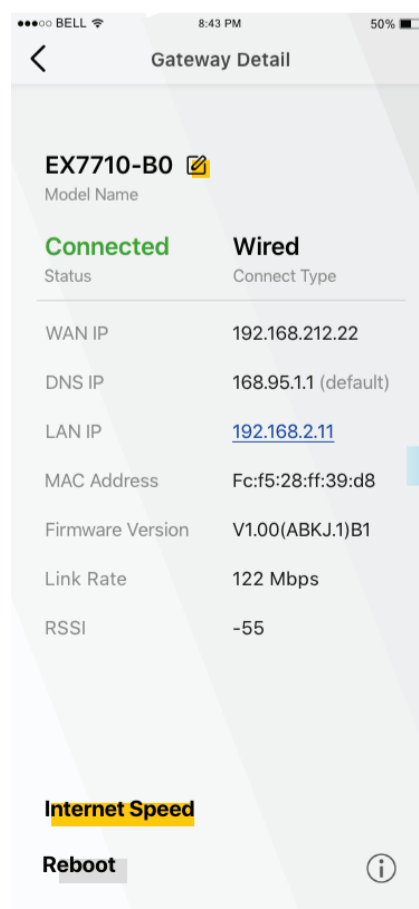
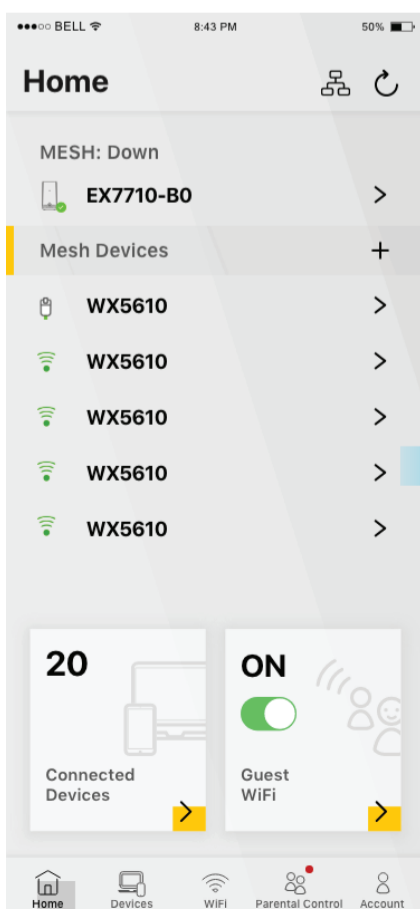
**FCC Warning Statement**  
 This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) This device may not cause harmful interference, and  
 (2) This device must accept any interference received, including interference that may cause undesired operation.

Indoor use only.

**ISED Warning Statement**  
 A. Operation shall be limited to indoor use only; and B. Operation on oil platforms, cars, trains, boats and aircraft shall be prohibited except for on larger aircraft flying above 10,000 ft.  
 CAN ICES-003(B)/NMB-003(B)

This product contains in part some free software distributed under GPL license terms and/or GPL like license.  
 Please visit <https://service-provider.zyxel.com/global/en/gpl-oss-software-notice> for source code and additional information.

## Legal and Regulations for MPro Mesh App



# Regulatory Statements

Model Name: WX5610-B0  
Product Name: AX7800 WiFi 6E Tri-Band Gigabit Wireless Extender  
US Importer: Zyxel Communications, Inc, 1130 North Miller Street Anaheim, CA92806-2001



FCC ID: I88WX5610-B0  
IC: 2468C-WX5610B0  
IC Warning: CAN ICES-003 (B)/NMB-003(B)

## UNITED STATES of AMERICA

### FCC Warning Statement

- 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.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This product has been tested and complies with the specifications 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 according to 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 device does cause harmful interference to radio or television reception, which is found 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 devices
  - Connect the equipment to an outlet other than the receiver's
  - Consult a dealer or an experienced radio/TV technician for assistance

FCC regulations restrict the operation of this device to indoor use only.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems

### FCC Radiation Exposure Statement

- This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.
- This transmitter must be at least 20 cm from the user and must not be co-located or operating in conjunction with any other antenna or transmitter.
- For 2.4G WLAN, only channels 1-11 are operational. Selection of other channels is not possible.

## CANADA

The following information applies if you use the device within Canada.

### Innovation, Science and Economic Development Canada ICES statement

CAN ICES-003(B) / NMB-003(B)

### Innovation, Science and Economic Development Canada RSSGEN & RSS-247 Statement

- This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(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.
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada 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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- For 2.4 G WLAN, only channels 1-11 are operational. Selection of other channels is NOT possible.
- Pour le WLAN 2,4 G, seuls les canaux 1 à 11 sont opérationnels. La sélection d'autres canaux n'est PAS possible.

- The device operating in the 5150-5250 MHz band is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
- Where applicable, antenna type(s), antenna model(s), and the worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2.3 of RSS 247 shall be clearly indicated.
- Les dispositifs fonctionnant dans la bande de 5150 à 5250 MHz ne sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- Lorsqu'il y a lieu, les types d'antennes(s'il y en a plusieurs), les numéros de modèle de l'antenne et les angles d'incidence nécessaires pour rester conformes à la limite de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3 du CNR-247, doivent être clairement indiqués.

- a) Operation shall be limited to indoor use only; and
- b) Operation on oil platforms, cars, trains, boats and aircraft shall be prohibited except for on large aircraft flying above 10,000 ft. Devices shall not be used for control of or communications with unmanned aircraft systems.

- a) Utilisation limitée à l'intérieur seulement;
- b) Utilisation interdite à bord de plateformes de forage pétrolier, de voitures, de trains, de bateaux et d'aéronefs, sauf à bord d'un gros aéronef volant à plus de 10 000 pieds d'altitude. Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes

### Industry Canada radiation exposure statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 24 cm between the radiator and your body.

### Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 24 cm de distance entre la source de rayonnement et votre corps.

## Safety Warnings

- DO NOT use this product near water, for example, in a wet basement or near a swimming pool.
- DO NOT expose your device to dampness, dust or corrosive liquids.
- DO NOT store things on the device.
- DO NOT install, use, or service this device during a thunderstorm. There is a remote risk of electric shock from lightning.
- Connect ONLY suitable accessories to the device.
- DO NOT open the device or unit. Opening or removing covers can expose you to dangerous high voltage points or other risks.
- ONLY qualified service personnel should service or disassemble this device. Please contact your vendor for further information.
- Make sure to connect the cables to the correct ports.
- Place connecting cables carefully so that no one will step on them or stumble over them.
- Always disconnect all cables from this device before servicing or disassembling.
- Please use the provided or designated connection cables/power cables/ adaptors. Connect it to the right supply voltage (for example, 110V AC in North America or 230V AC in Europe). If the power adaptor or cord is damaged, it might cause electrocution. Remove it from the device and the power source, repairing the power adapter or cord is prohibited. Contact your local vendor to order a new one.
- DO NOT remove the plug and connect it to a power outlet by itself; always attach the plug to the power adaptor first before connecting it to a power outlet.
- DO NOT allow anything to rest on the power adaptor or cord and do NOT place the product where anyone can walk on the power adaptor or cord.
- DO NOT use the device outside, and make sure all the connections are indoors. There is a remote risk of electric shock from lightning.
- CAUTION: Risk of explosion if battery (on the motherboard) is replaced by an incorrect type. Dispose of used batteries according to the instructions. Dispose of them at the applicable collection point for the recycling of electrical and electronic equipment. For detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the store where you purchased the product.
- DO NOT obstruct the device ventilation slots, as insufficient airflow may harm your device. For example, do not place the device in an enclosed space such as a box or on a very soft surface such as a bed or sofa.
- The following warning statements apply, where the disconnect device is not incorporated in the equipment or where the plug on the power supply cord is intended to serve as the disconnect device,
  - for permanently connected devices, a readily accessible disconnect device shall be incorporated external to the equipment;
  - for pluggable devices, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- Caution! The RJ-45 jacks are not used for telephone line connection.