



# **Predator Connect W6 Wi-Fi 6E Router**

## **USER MANUAL**

Version: 0.9.5

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# 1. Overview

The Predator Connect W6 Wi-Fi 6E Router is designed to feature the latest Wi-Fi 6E technology. This guide provides an overview of Predator Connect W6's features, and description of the user interface and ports of the device.

The Predator Connect W6 Wi-Fi 6E Router delivers multi-gigabit transfer speed along with gaming features and user experience tuned for demands of PC gamers and media streamers. The Predator Connect W6 Wi-Fi 6E Router can be used to provide increased network capability while reducing bandwidth congestion and uncompromised internet access for every Wi-Fi 6E devices. Paired with Web UI, Predator Connect W6 Wi-Fi 6E Router provides a simple and secure user experience for connecting and gaming on the internet.

## 1.1. Package Contents

The box should include the following items:

1. Predator Connect W6 Wi-Fi 6E Router
2. Power Adapter
3. Manual Kit Booklet including:
  - A. Quick Start Guide
  - B. EMEA/PA/PAP/ANZ Warranties
  - C. CE & FCC Safety
  - D. CE and FCC Declaration of Conformity

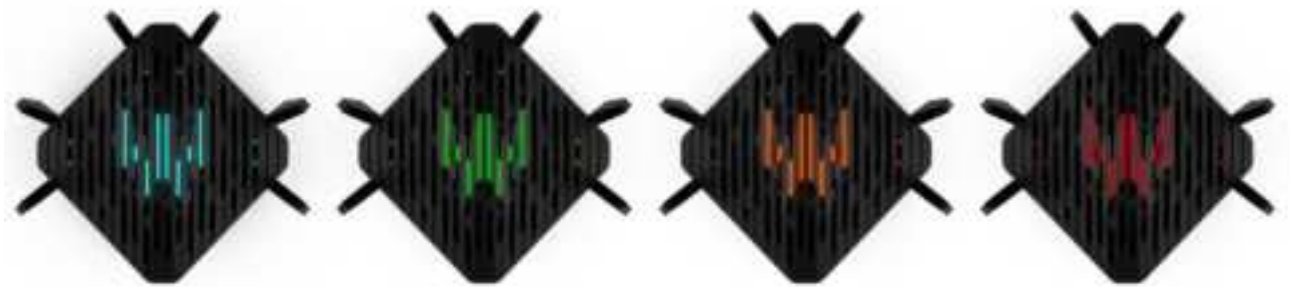
## 1.2 System Requirements

This **Predator Connect W6 Wi-Fi Router** is compatible with Wi-Fi devices which support 2.4GHz, 5GHz, and 6GHz web browser. For iOS and Android Mobile Devices, please scan the QR Code below to download the accompanying APP.



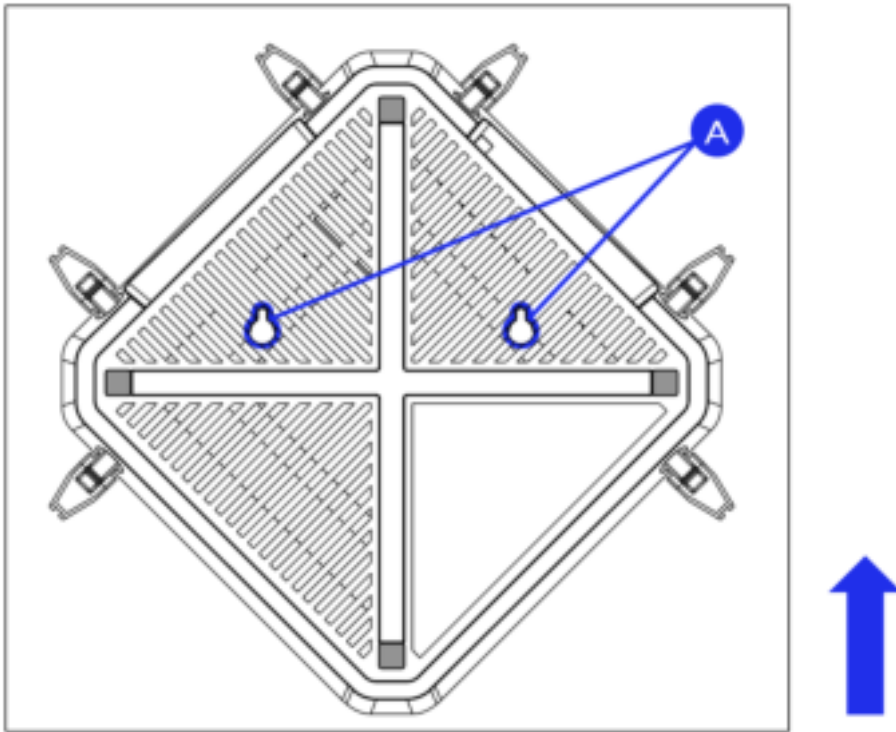
## 1.3 Device description

### 1.3.1 Top View (LED Indicators)



LED Type	Status	Description
Flashing	Blue	Power On
	Orange	Only Visible During Image Upgrade
	White	Only Visible During Factory Reset
	Green	WPS Active
Breathing	Blue	WAN Status: Good
	Green	WAN Status: Normal
	Orange	WAN Status: Not Good
Solid	Red	WAN Status: Disconnected

### 1.3.2 Bottom View



A: 2 Wall Mount Holes in blue outlines at 10cm or 4inches wide. Follow the reference image above for correct orientation and proper device mounting.

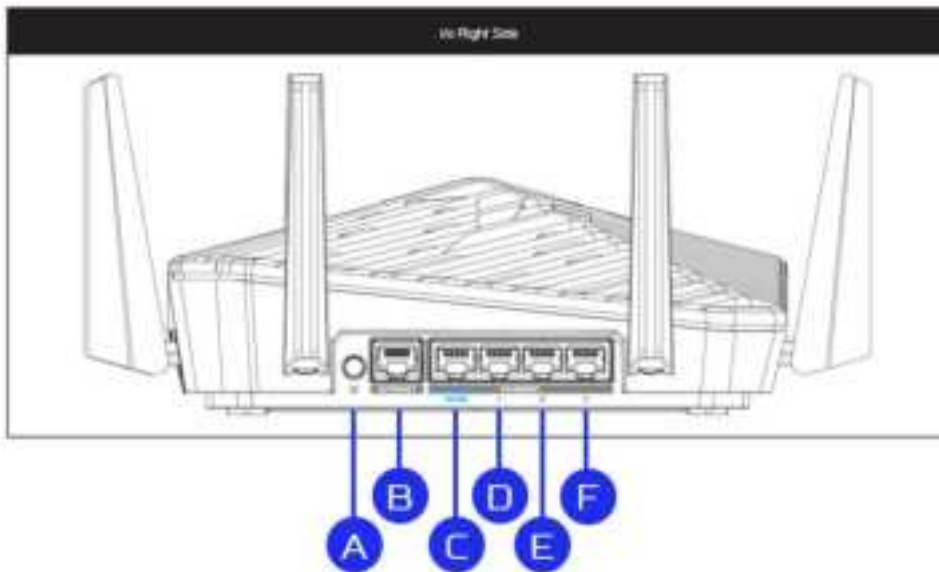
Note:

Please check your measurements before any drilling into your wall to avoid any installation issues.

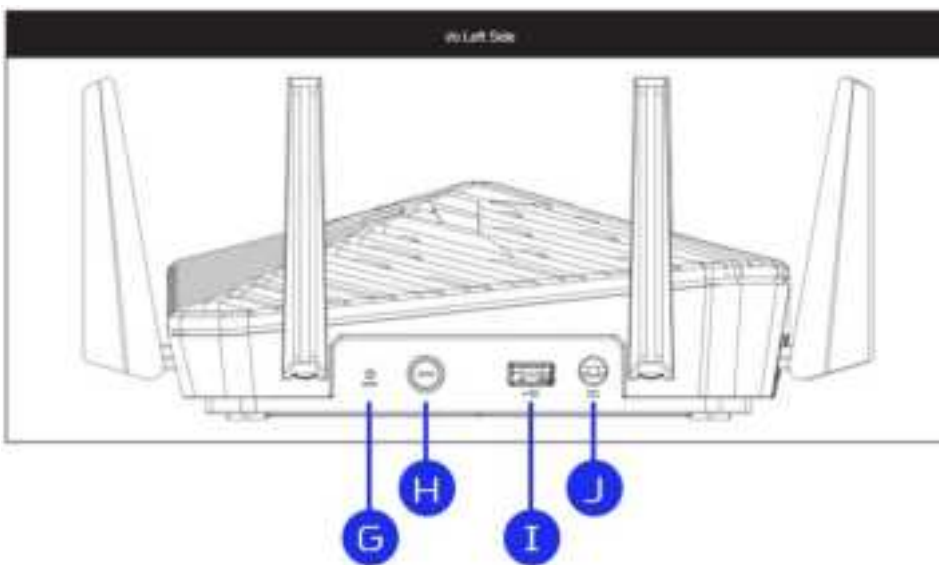
Please install with mounting screws (self-tapping type) with screw head diameter that is between 6.0mm ~ 8.5mm diameter, with screw head thickness should be less than 2.6mm. Please contact your local hardware provider for more information.

When mounting W6 on the wall, please ensure that all antennas should be in the upwards direction.

### 1.3.3 Rear View



- A: Power Button
- B: Internet Port (WAN)
- C: GAME Port (LAN)
- D: LAN Port 1
- E: LAN Port 2
- F: LAN Port 3



- G: Pin Hole Reset Button
- H: WPS Button
- I: USB 3.0 Port
- J: AC Adaptor Port

## 1.4 Environmental

Operating temperature: 0 °C to 35 °C (0 °F to 95 °F)

Storage temperature: 0 °C to 45 °C (0 °F to 113 °F)

## 1.5 Power Management

Adaptor manufactory: ASIAN POWER DEVICES INC.

Model name: WA-36W12FG-AKAA and WA-36W12FU-AKAA

Input rating: 100-240ac, 50-60Hz, 0.9A max., Class II



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## 2. Installation

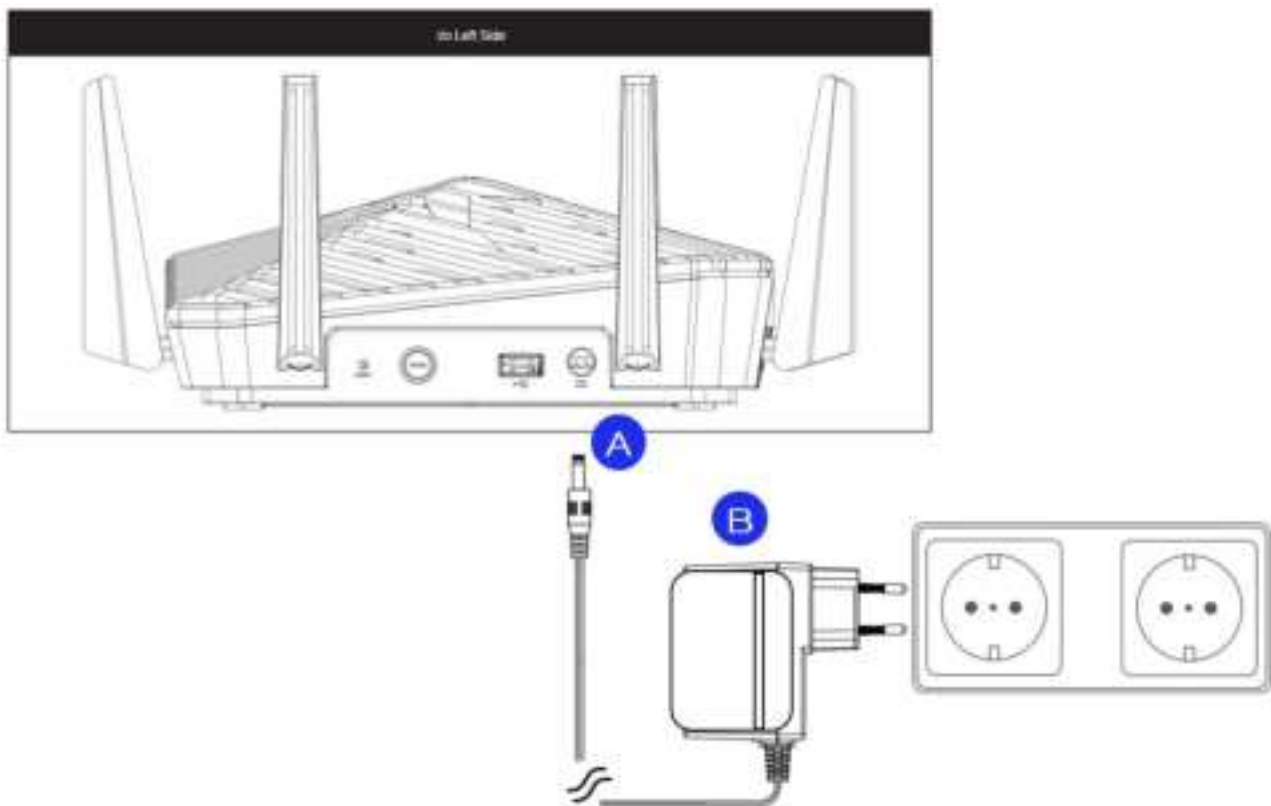
### 2.1 First-time setup

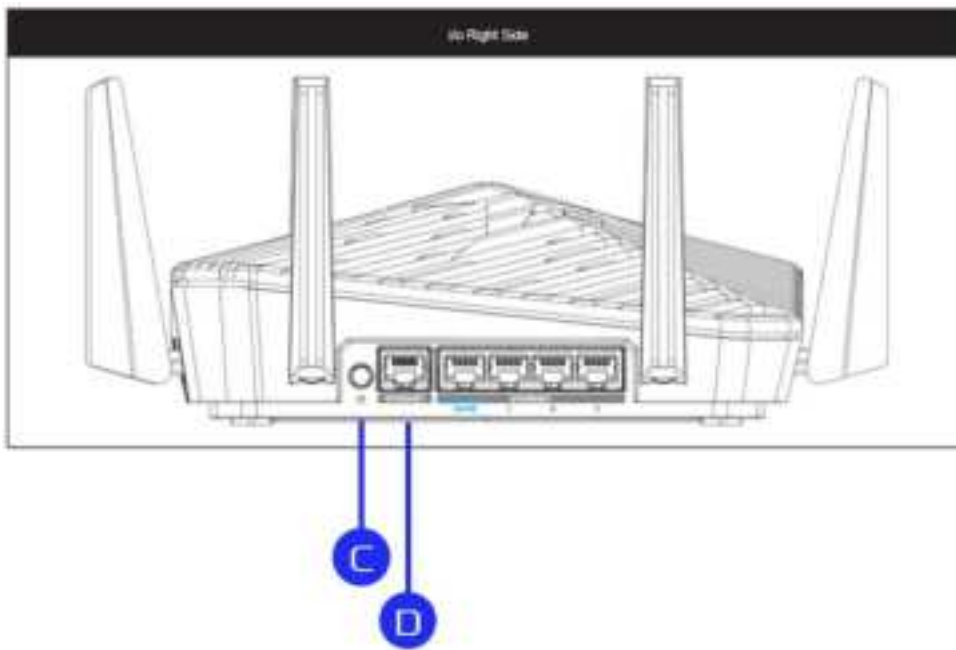
#### 2.1.1 Plugging in and powering on.

A: Plug in the AC adaptor to the Predator Connect W6 Wi-Fi 6E Router. The adaptor port is located pm the rear left side. Turn the antennas so that they are all facing up like the image below.

B: Plug the provided AC adapter to the wall outlet as shown. Please note that the image shown is of the EU plug. AC adaptor may vary based on region or country of purchase.

C: Please also fold up the 6 antennas once you have plugged in the AC adapter and ethernet cable.

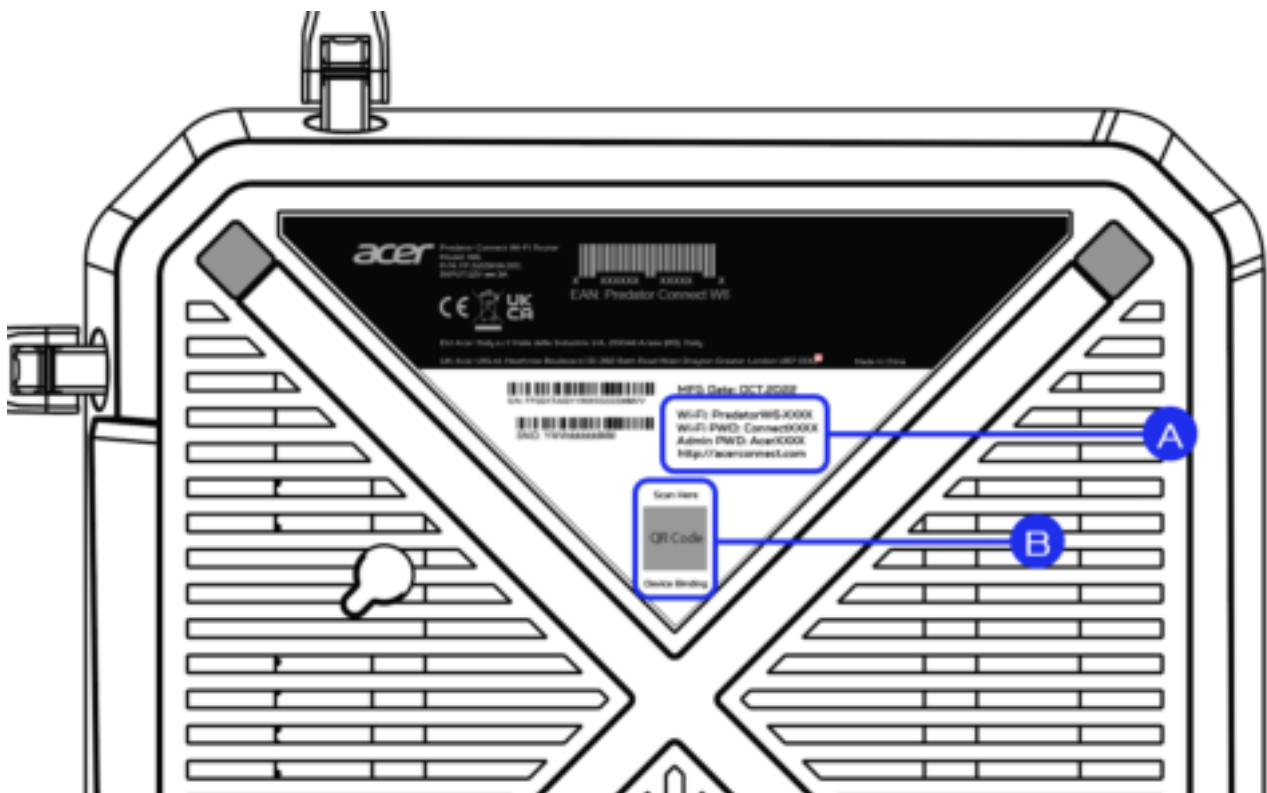




C: Push the Power Button located on the rear right side. Once turned on, the Predator Connect W6 Wi-Fi 6E Router's LED will light up. Please refer to the LED indicator table on page 4 for more information.

D: Connect your broadband cable to the "Internet" Port. Once completed, you are just steps away from getting online. Please note that a valid internet plan is required. Please contact your local ISP for more information.

## 2.2 Getting online



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Ensure your **Predator Connect W6 Wi-Fi 6E Router** is switched on and connected to the network. The Internet LED should be blue.

To connect your personal device to the internet

- A. Connect your computer or device to **Predator Connect W6** via WiFi:
  1. Search **Predator Connect W6** wireless network name (SSID) on your device.  
**2.4GHz wireless network name:** PredatorW6-XXXX-2.4GHz  
**5GHz wireless network name:** PredatorW6-XXXX-5GHz  
**6GHz wireless network name:** PredatorW6-XXXX-6GHz
  2. Connect to your preferred PredatorW6 Wi-Fi network.
  3. Enter your Wi-Fi password which is located on the label at the bottom of the device. You may use the Acer Connect URL to get the Web UI Home Page, or
- B. If you are using the mobile APP, scan to QR code to bind the device credentials to log into the APP's control panel.

## 3. Device setup

### 3.1 Web User Interface (UI)

The Web User Interface is compatible with the following browsers:

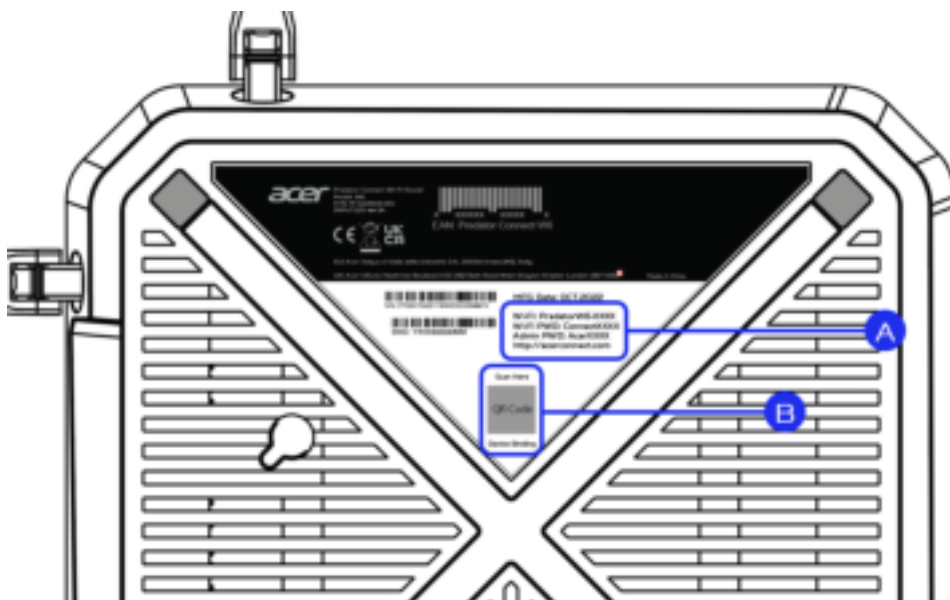
- Google Chrome
- Mozilla Firefox
- Internet Explorer
- Safari
- Microsoft Edge

#### 3.1.1 How to log in to the Web UI

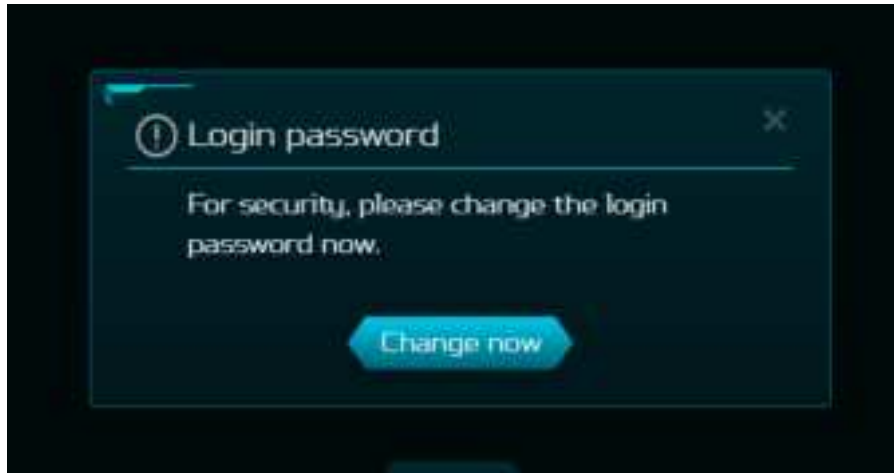
1. Open your web browser.
2. Type <http://acerconnect.com:8080> or <http://192.168.76.1:8080> into the address bar and press enter. The Home page will then load, as shown in the screenshot below.



3. On the Home page, enter the “Admin” password as found on device label on the bottom of the **Predator Connect W6 Wi-Fi 6E Router (A)**. After entering the password, please click and click Log in.



4. If you are using the Connect iOS or Android APP, You may scan the QR code to proceed (B).
5. You will be prompted with a systems notification to change your password. Click “Change now” to proceed to the next screen.



6. Type in the same Admin password at the bottom of your router.
7. Type in your new 8-character password in the new password field. Then retype your new password in the "Confirm new password" field.



8. Once completed, press apply to proceed to the next step.





9. Next, the Home Network Security notification will be prompted. It is recommended to turn on this function. You will be presented with the device's license agreement.
10. If this protection service is not needed. You can elect to skip or not accept the terms of the license agreement.
11. However, you may also choose to skip this step.

### 3.1.2 Quick Setup



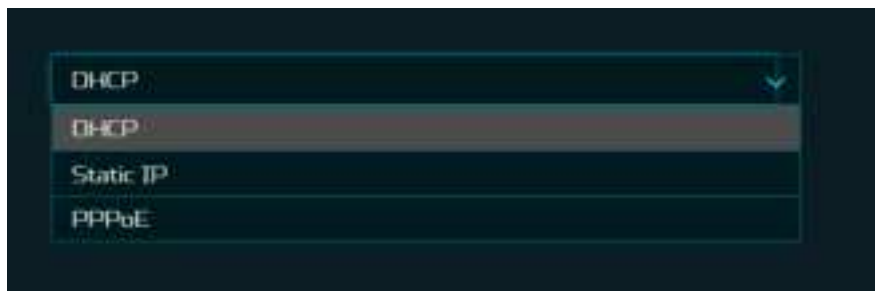
1. If this is the first time you are using or setting up the Predator Connect W6 Wi-Fi 6E Router, please proceed by clicking the "Quick setup" button.
  - A. You may also proceed with "Start W6" to begin using your Predator Connect W6 Wi-Fi 6E Router. If in the future, you decide to complete the "Quick setup" process.
  - B. The "Quick setup" tab can be located under the "Dashboard" and "Hybrid QoS" tabs.



2. The Quick setup process contains procedures to help you quickly complete the set-up process of the Predator Connect W6 Wi-Fi Router. You will be presented with the three messages below.



- A. Connect the power supply to Predator Connect W6, and then turn on the power of Predator Connect W6.
- B. Plug one end of the RJ-45 (Ethernet) Cable into your DSL or Cable Modem. And the other end into Predator Connect W6's WAN port.
- C. Connect your device to Predator Connect W6 via Wi-Fi or LAN Cable.
3. Next step of the Quick setup is WAN connection mode.

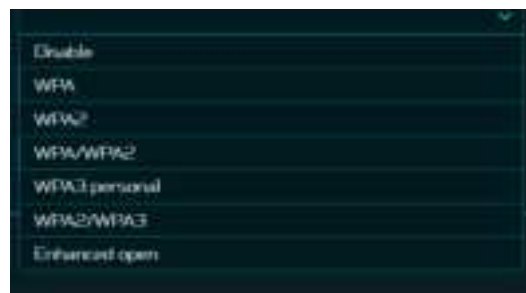


- A. There are three connection modes to choose from. DHCP, Static IP, and PPPoE. Once you make your choice, you can click “next” to arrive at the final ‘Quick setup” page.

4. On this page, you can further fine-tune and adjust how you would like to use the W6.

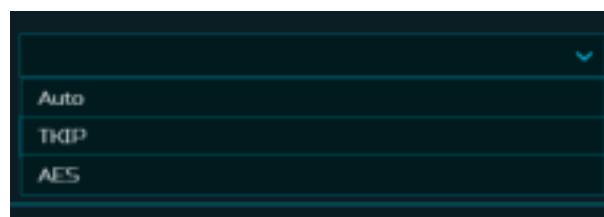
- A. Adjustments can be made to:

- i. Turn on or off Wi-Fi for 2.4GHz, 5GHz, and 6GHz
- ii. Modify Wi-Fi SSID for 2.4GHz, 5GHz, and 6GHz
- iii. Turn on or off SSID broadcast for 2.4GHz, 5GHz, and 6GHz
- iv. Select Security type:



1.

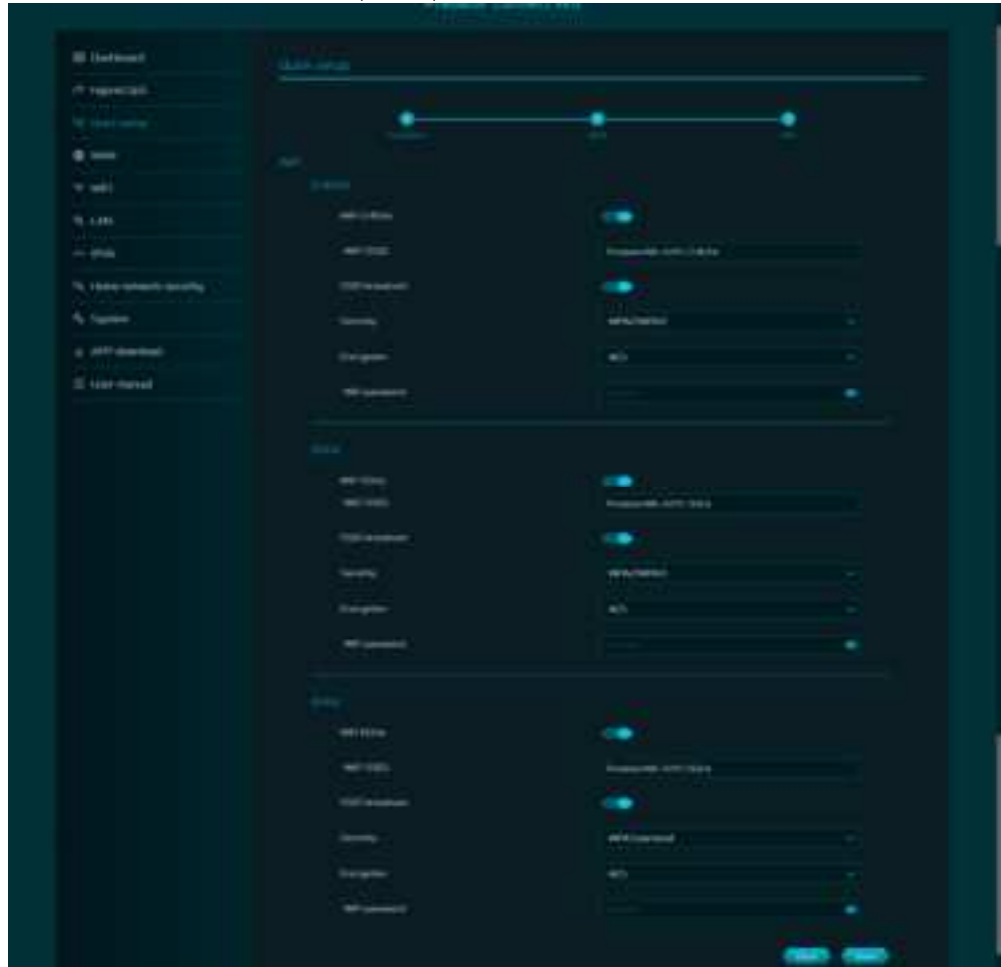
- v. Select Encryption type:



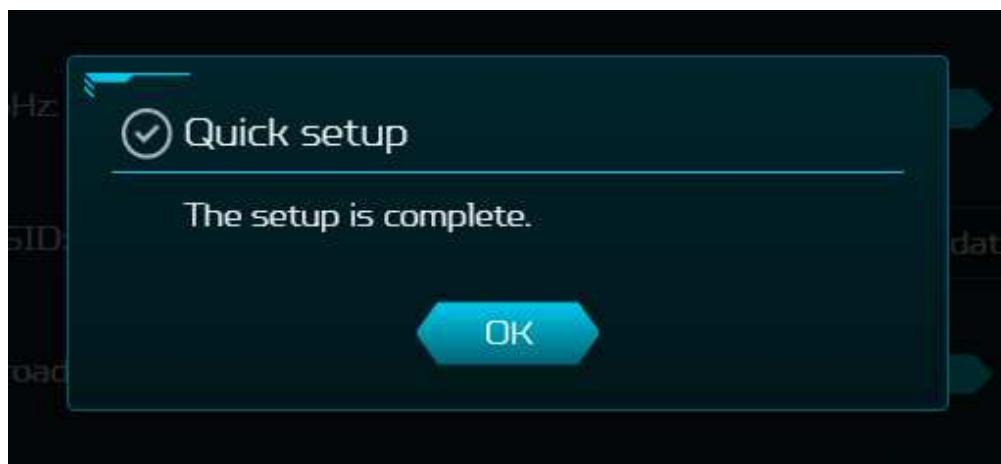
1.



- vi. Change Wi-Fi password
  - 1. Please note: It is possible to have individual Wi-Fi password for 2.4GHz, 5GHz, and 6GHz
- vii. Turn on or off Wi-Fi for 2.4GHz, 5GHz, and 6GHz



- viii. Click “Next” at the bottom of the page to prompt the Quick setup: “The set up is complete” notification. Click OK to complete the set up.



- ix.

## 5. Dashboard

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- A. The Dashboard contains many useful information such as:
- i. Connection status, WAN upload and download speeds.
  - ii. Number of connected devices to 2.4GHz, 5GHz, and or 6GHz Wi-Fi.
  - iii. Number of guest devices connected devices to 2.4GHz, 5GHz, and or 6GHz Wi-Fi.
  - iv. Number of clients connected via ethernet cable.
  - v. Network traffic
  - vi. Speed test, Etc.

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## 4. Regulatory Information

### 4.1 Important Safety Precaution

Your Predator Connect W6 Wi-Fi 6E Router device is manufactured to comply with European safety standards. This section outlines the safety precautions associated with using the device. Please read the safety and operation instructions before using your device and other accessories. Keep these instructions safe for future reference.

### 4.2 Condition of Use

- The device is not water-resistant. Please protect the device from water or moisture and do not touch the device with wet hands. Otherwise short-circuit and malfunction of the product or electric shock may occur.
- Keep the device and accessories in a cool, well-ventilated area and away from direct sunlight. Do not place the device in a container with poor heat dissipation. Do not enclose or cover your device with clothes, towels, or other objects.
- Put your device in places beyond the reach of children. Do not allow children to use the wireless device without guidance.
- Do not use your device at places for medical treatment (in an operating room, intensive care unit, or coronary care unit, etc.) where wireless device use is prohibited.
- To reduce the risk of accidents, do not use your device while driving.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- EE recommends using the charger supplied with your device. Use of another type of charger may result in malfunction and/or danger.

### 4.3 Cleaning and Maintenance

- Do not attempt to dry your device with an external heat source, such as a microwave oven or hair dryer.
- Use a clean, soft, and dry cloth to clean the device and accessories.

### 4.4 Disposal Instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit [www.acer-group.com/public/Sustainability](http://www.acer-group.com/public/Sustainability)



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## 4.5 Ethernet Cable Line Safety

- Disconnect all Ethernet cable lines from the equipment when not in use and/or before servicing.
- To avoid the remote risk of electric shock from lightning, do not connect the Ethernet cable line to this equipment during lightning or thunderstorms.

## 4.6 Medical Devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF transmissions.

**Pacemakers.** Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between wireless devices and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should do the following:

- Always keep the device more than 15.3 centimeters (6 inches) from the pacemaker
- Not carry the device near you pacemaker when the device is switched on. If you suspect interference, switch off your device, and move it.

**Hearing aids.** Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

## 4.7 Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (anti-lock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added. Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed, and the air bag inflates, serious injury could result. Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless devices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

## 4.8 Warning

- Do not attempt to open the device by yourself. Disassembling may result in damage to the device. Small parts may also present a choking hazard.
- When this device is switched on, it should be kept at least 15 cm from any medical device such as a pacemaker, a hearing aid or insulin pump, etc.
- Switch this device off when you are near gas or flammable liquids. Strictly obey all signs and instructions posted in any potentially explosive atmosphere.

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## 4.9 Explosive Device Proximity Warning

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders. Do not switch the notebook on when wireless phone use is prohibited or when it may cause interference or danger.

- Warning: Do not operate a portable transmitter (including this wireless adapter device) near unshielded blasting caps or in an explosive environment unless the transmitter has been modified to be qualifies for such use.
- Warning: The wireless adapter is not designed for use with high-gain directional antennas

## 4.10 Wireless adapter regulatory information

- Warning: For safety reasons, turn off all wireless or radio transmitting devices when using your device under the following conditions.

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used normally. To successfully transmit data files or messages, this device requires a good quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Parts of the device are magnetic. Metallic materials may be attracted to the device, and persons with hearing aids should not hold the device to the ear with the hearing aid. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

## Aircraft

**Warning FCC and FAA regulations may prohibit airborne operation of radio-frequency wireless devices (wireless adapters) because their signals could interfere with critical aircraft instruments. Ask the airport staff and cabin crew before turning on your device's wireless adapter whilst on board.**

## 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

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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.

## 4.11 EU Regulatory Conformance

### *List of applicable countries*

This product must be used in strict accordance with the regulations and constraints in the country of use. For further information, contact the local office in the country of use. Please see [https://europa.eu/european-union/about-eu/countries\\_en](https://europa.eu/european-union/about-eu/countries_en) for the latest country list.


### *Specific absorption rate information*

This device meets the EU requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection. The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. The unit of measurement for the European Council's recommended limit for mobile devices is the "Specific Absorption Rate" (SAR), and the SAR limit is 2.0 W/kg averaged over 10 grams of body tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP). For body worn operation, this device has been tested and meets the ICNIRP exposure guidelines and the European Standard, for use with dedicated accessories. Use of other accessories which contain metals may not ensure compliance with ICNIRP exposure guidelines.

Hereby, Acer Incorporated declares that the radio equipment type W6 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available: Please search for Predator Connect W6 Wi-Fi 6E Router at [www.acer.com](http://www.acer.com)

## 4.12 Restrictions

Restriction or Requirement in the CE: 5150 to 5350 MHz indoor-use only.

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU

	LV	MT	NL	PL	PT	RO	SE
	SI	SK	TR	NO			UK(NI)

WLAN 5GHz Band: For indoor use only.

	UK
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#### 4.13 EU Regulatory Compliance -- Radio

e.i.r.p power limit											
2.4G		5G(U-NII-1)		5G(U-NII-2a)		5G(U-NII-2b)		5G(U-NII-3)		6E(U-NII-5)	
2400 MHz ~	2483.5 MHz	5150 MHz ~	5250 MHz	5250 MHz ~	5350 MHz	5470 MHz ~	5725 MHz	5725 MHz ~	5850 MHz	5945 MHz ~	6425 MHz
e.i.r.p 20dBm		e.i.r.p 23dBm		e.i.r.p 20dBm		e.i.r.p 27dBm		e.i.r.p 13.98dBm		e.i.r.p 23dBm	

#### 4.14 EU Regulatory Compliance -- Radio

e.i.r.p power limit											
2.4G		5G(U-NII-1)		5G(U-NII-2a)		5G(U-NII-2b)		5G(U-NII-3)		6E(U-NII-5)	
2400 MHz ~	2483.5 MHz	5150 MHz ~	5250 MHz	5250 MHz ~	5350 MHz	5470 MHz ~	5725 MHz	5725 MHz ~	5850 MHz	5945 MHz ~	6425 MHz
e.i.r.p 20dBm		e.i.r.p 23dBm		e.i.r.p 20dBm		e.i.r.p 27dBm		e.i.r.p 13.98dBm		e.i.r.p 23dBm	

## 5. NCC Statement

NCC statement:

「取得審驗證明之低功率射頻器材，非經核准，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。低功率射頻器材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。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材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。」

For WIFI 5G:

應避免影響附近雷達系統之操作。  
高增益指向性天線只得應用於固定式點對點系統。

## 6. Power Management Limited Warranty

The product is covered by a limited warranty. Please check the warranty booklet inside the product package for details.



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## **7. Limited Warranty**

The product is covered by a limited warranty. Please check the warranty booklet inside the product package for details.