User Manual

Asus ROG GT-AX6000
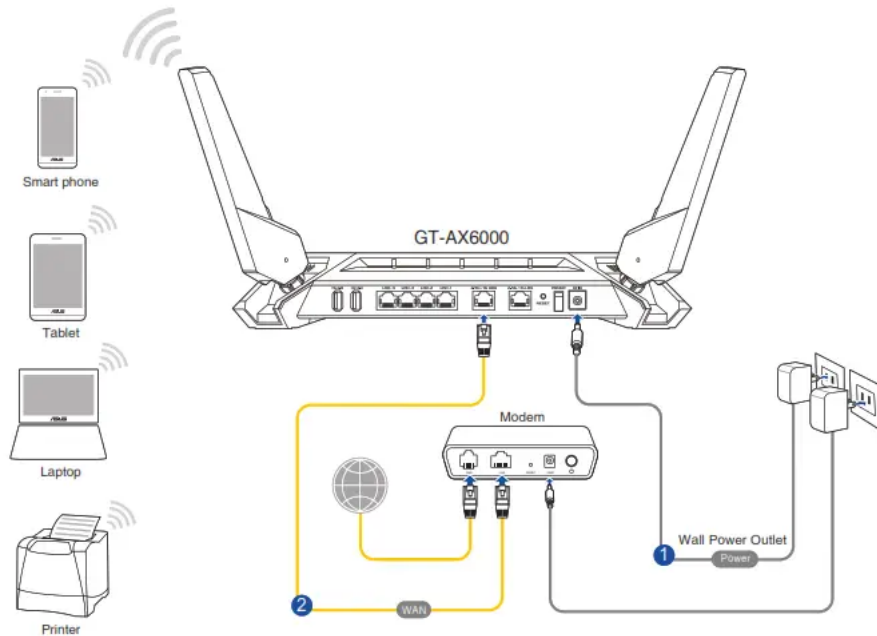
Content

1. Router Connection

1.1 Power up the router with the power adapter.

1.2 Connect the WAN port to the LAN 1/UNID1 port of the Fiber Box (i.e., NBN NTD) via the
   Ethernet cable.

The End User's router may be set up before. Reset is required to occur before configuration.

The WAN port can be plugged in before the configuration.

2. Router Set-up

There are two methods to connect with your router:

A. **Ethernet cable connection**: Connect the **laptop/PC** to any of the **LAN ports** (1 – 4 of router) via **Ethernet cable**.

B. **Wi-Fi Connection**: Connect your **device** (laptop, iPad, or spare phone) to the **Wi-Fi**.

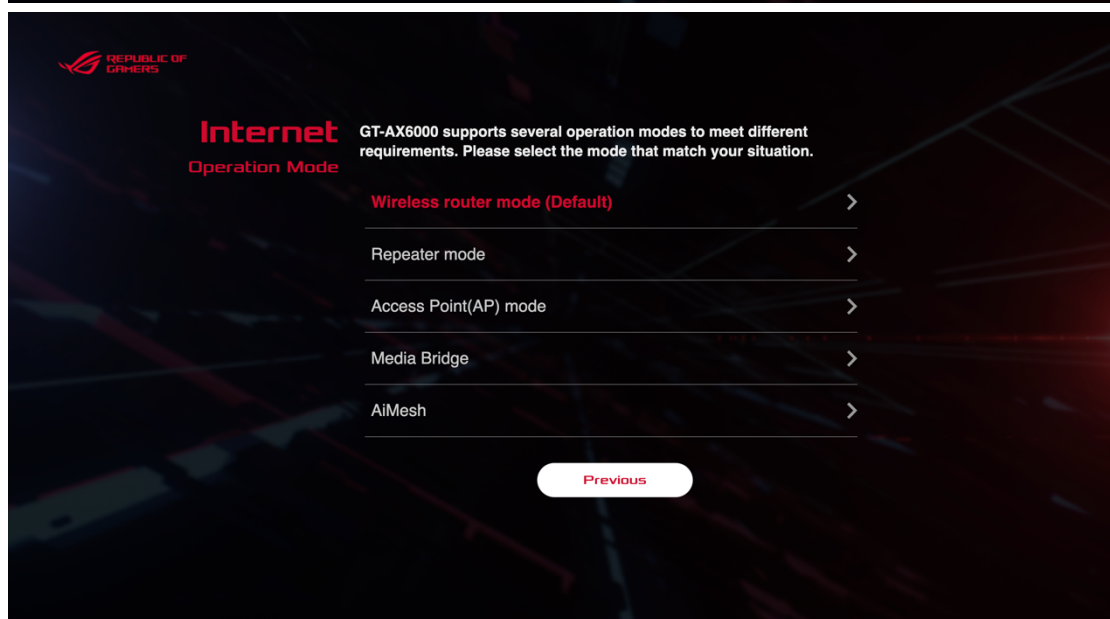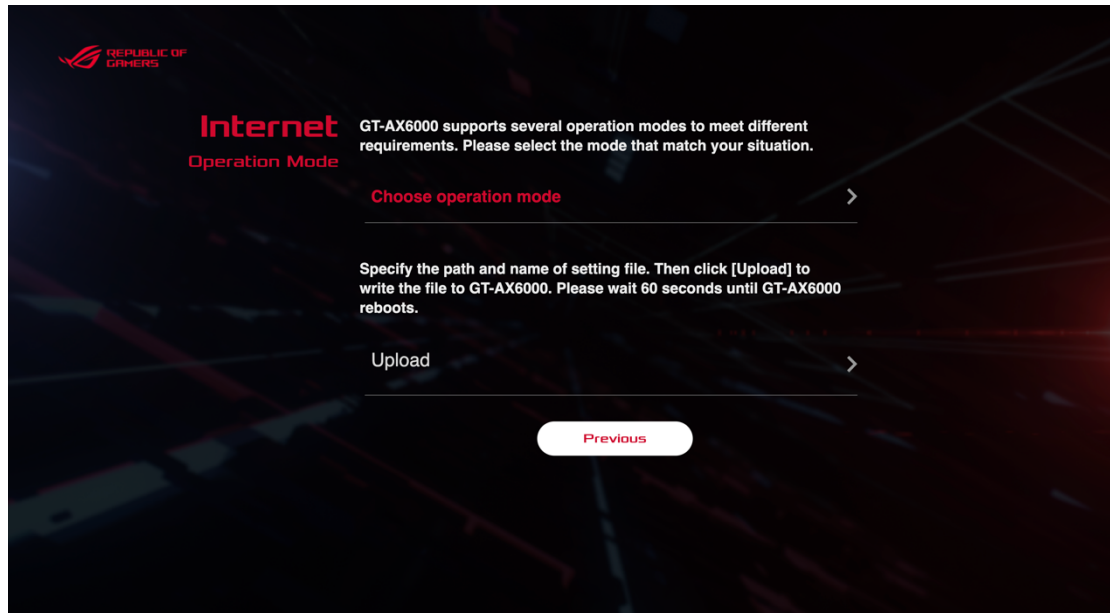*How to check the Wi-Fi detail: Use SSID and Wireless password on the **back of the router.**
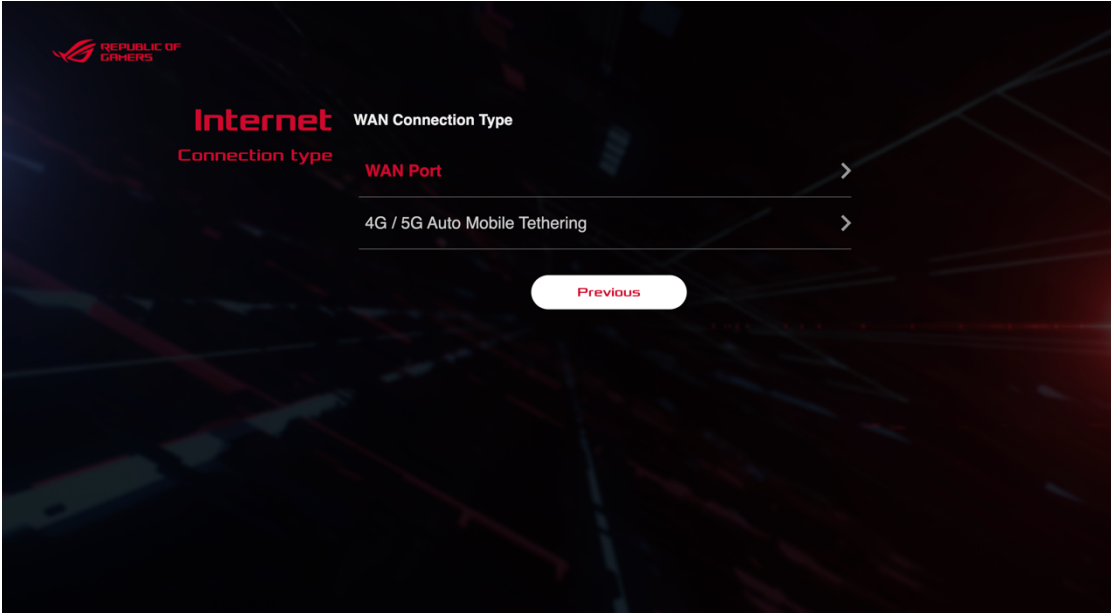

3. Router Configuration

3.1. Open the Internet browser (e.g., Google Chrome, Safari, etc.) and input http://192.168.50.1/ in the address bar to visit the router's configuration page. Click Advanced Settings.
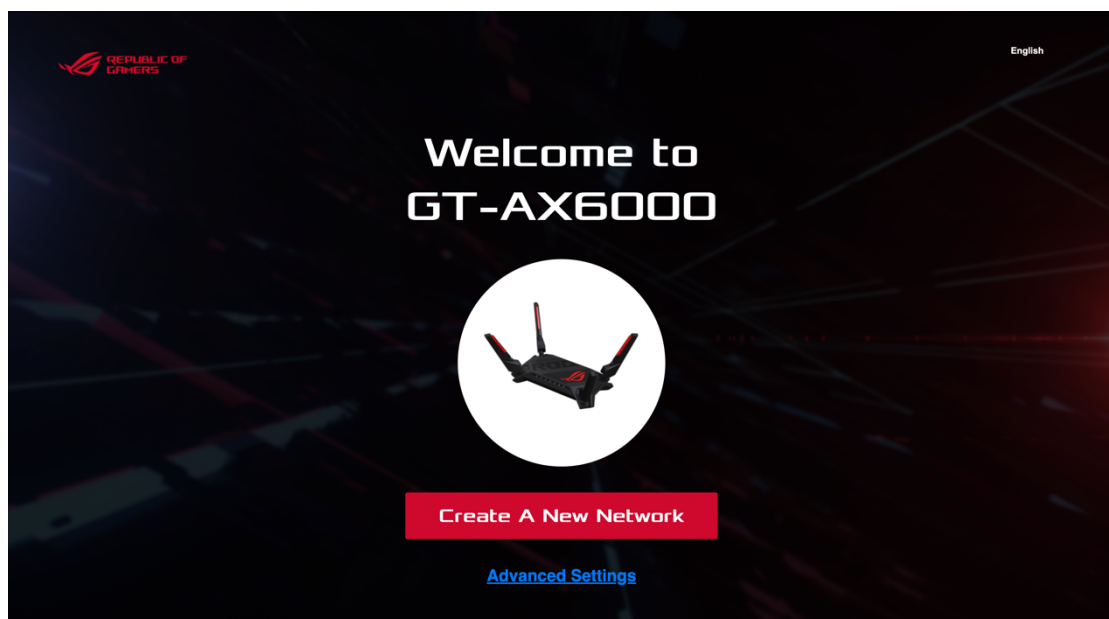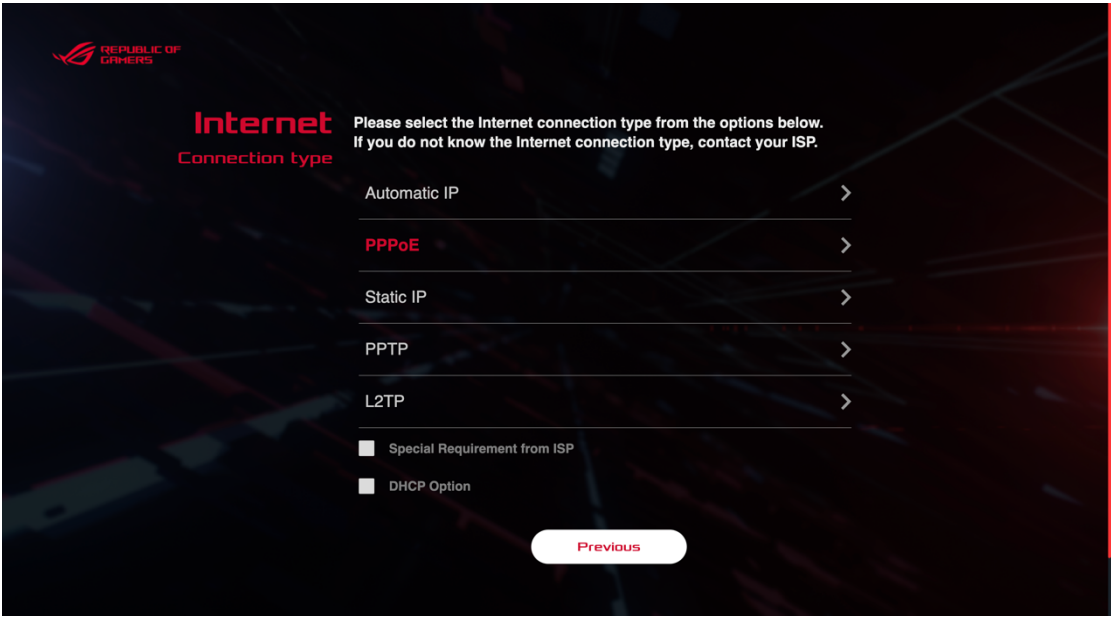
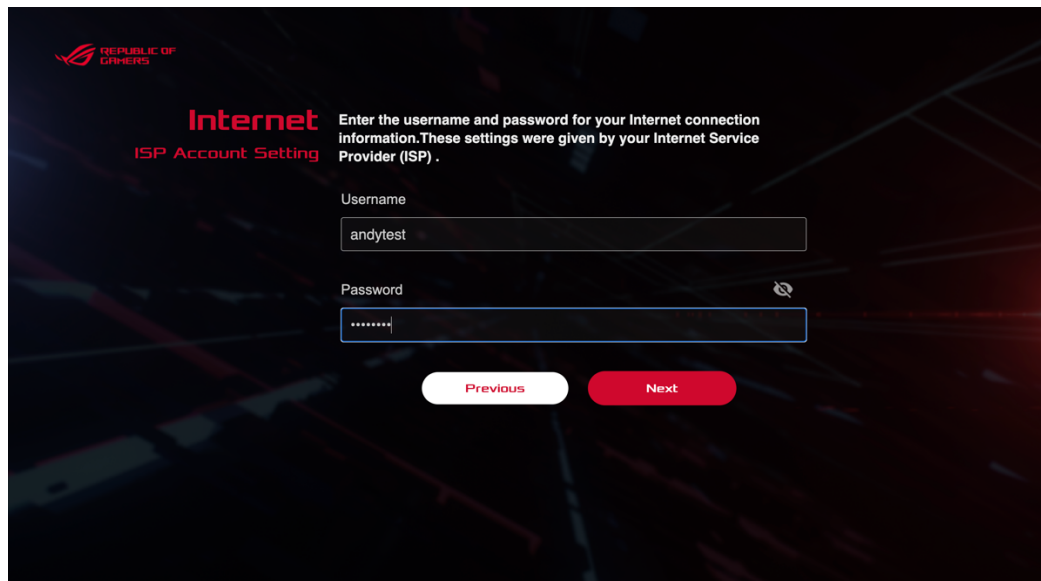3.2. Click **Choose operation mode** and select **Wireless router mode**.

3.3. Select WAN port under WAN Connection Type.

3.4. **PPPoE** and Input the PPPoE username and password provided by the ISP, then click Next.
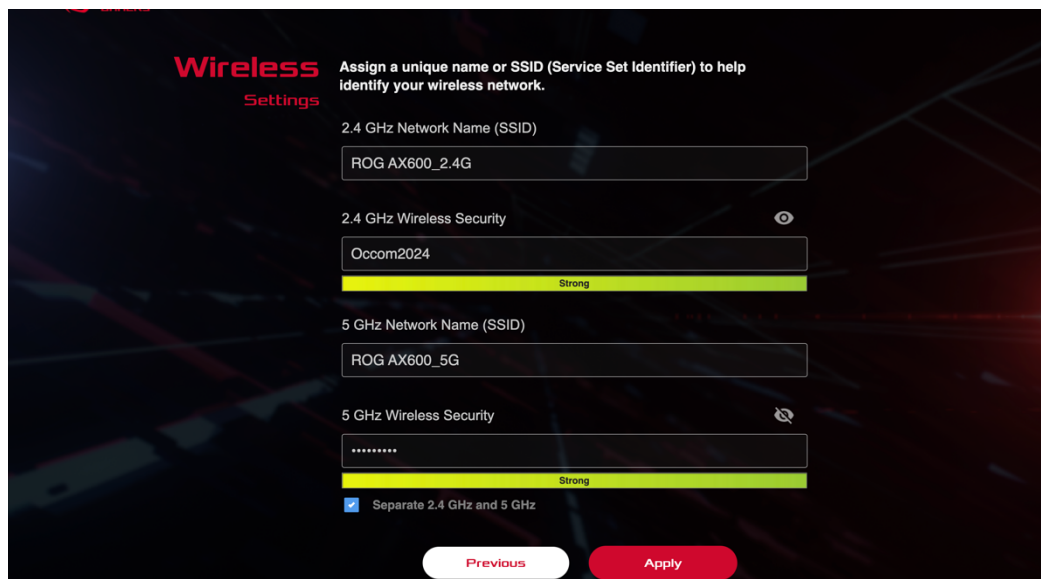
3.5. Enable **Separate 2.4 GHz and 5 GHz**. Change the Wi-Fi name to "Occom_XXXX_2.4G" and "Occom_XXXX_5G" that XXXX is the last 4 digits of the MAC address. Keep the password as the default one. Click **Apply** after changing.
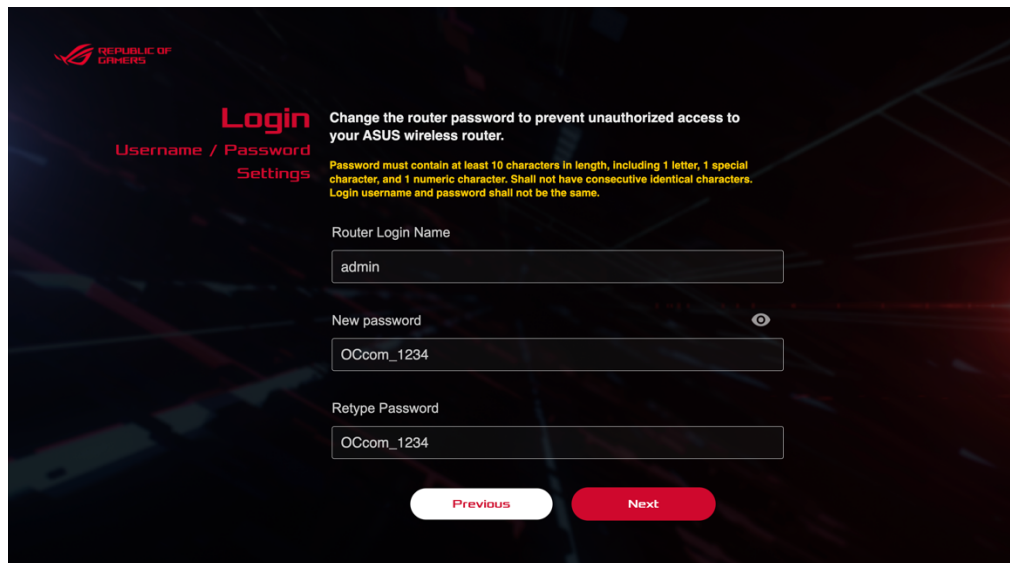
Caution: Once you change your Wi-Fi name or password, your device needs to reconnect with Wi-Fi by using the new Wi-Fi name and password.

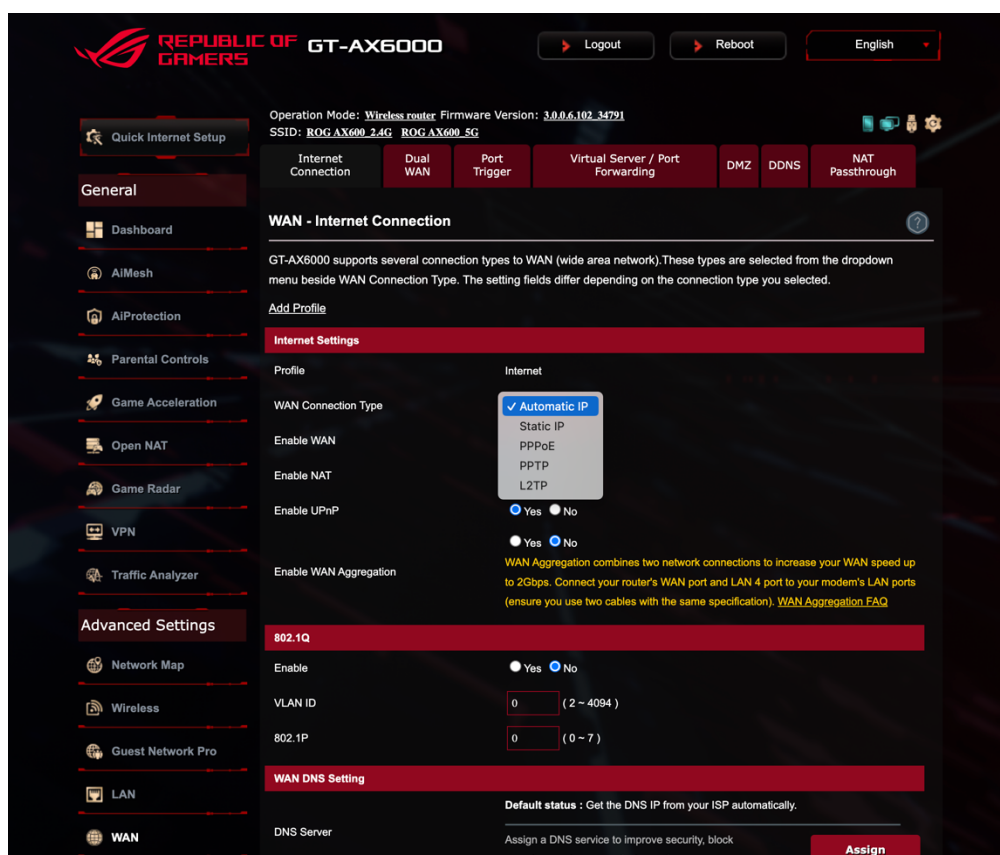3.6. Input new login username and password to "OCcom_1234".

4. Advanced settings

4.1. WAN connection for other mode:

If the router has already been configured and we need to modify WAN connection type for OptiComm Layer 3 service (IPOE), click WAN under Advanced Settings and select Automatic IP.

4.2. CPE Build-in Speed Test.

Click **Internet Speed** under **Traffic Manager**, and then click Go to run the speed test.

4.3 Game Acceleration

Input the Mac addresses of the game devices (e.g., PlayStation, Nintendo switch, PC)
for game device prioritizing.
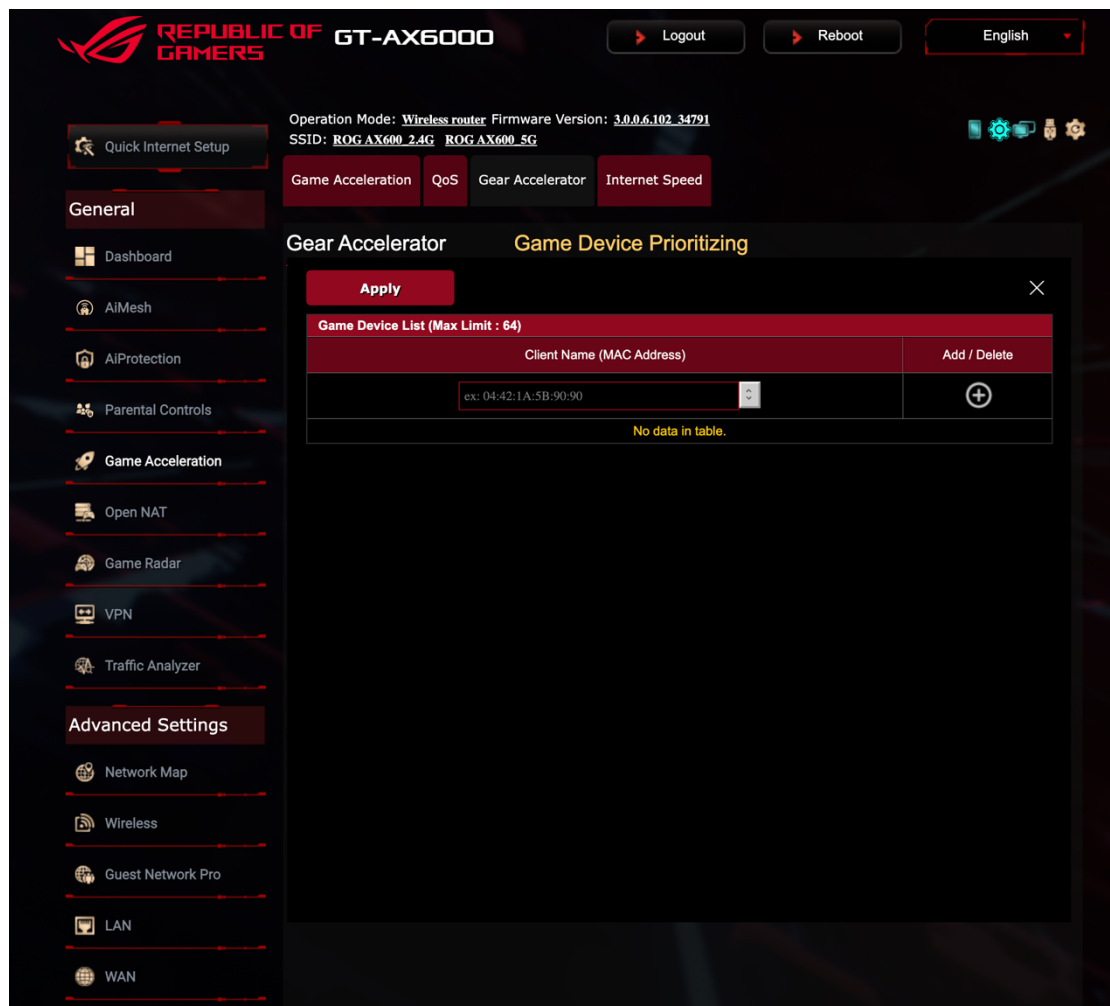
5. Adding mesh AP by AiMesh

Power on the AP, and then click +Add AiMesh Node under AiMesh within the configuration page of the primary router, then the primary router will search for available Aimesh AP nearby to join the same network.
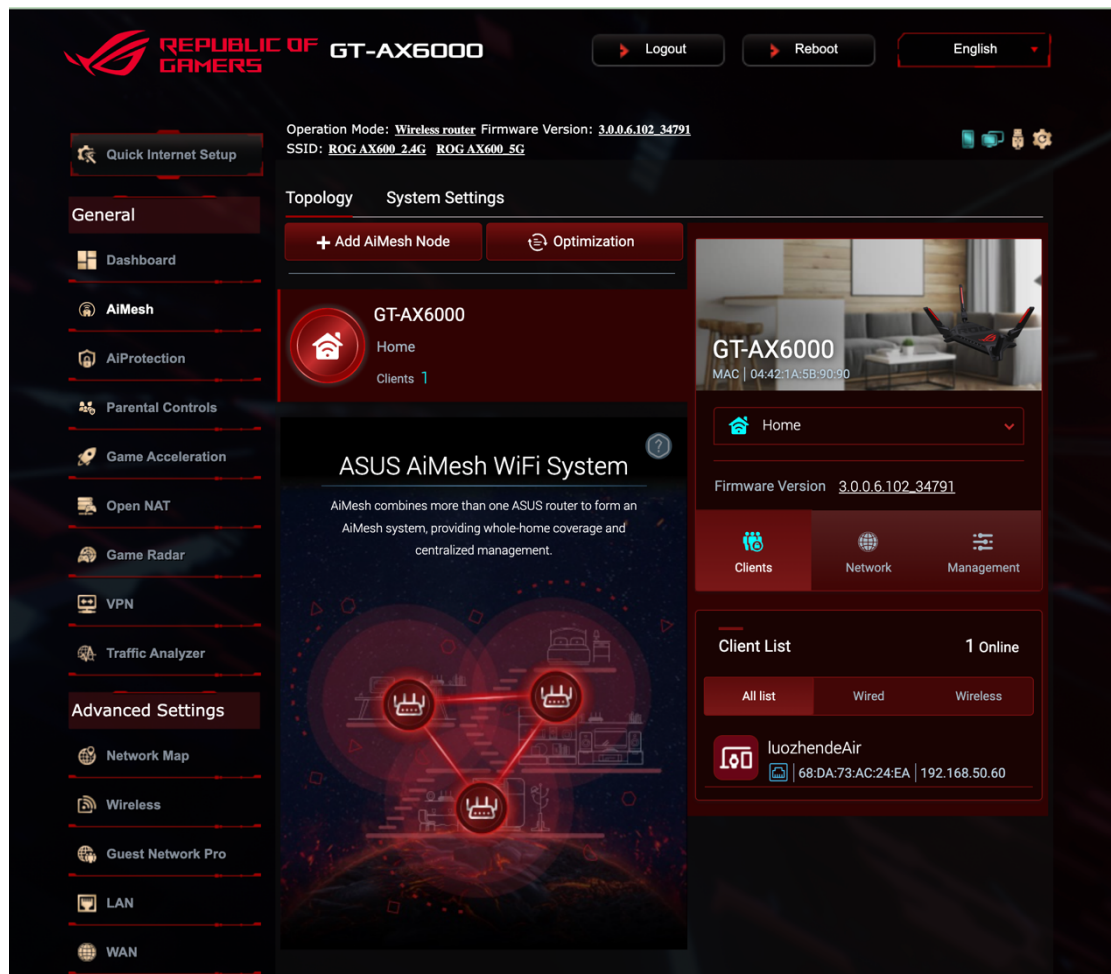
6. Appendices

Some official videos about Asus ROG GT-AX6000

- Asus support reference: https://manuals.plus/asus/gt-ax6000-dual-band-gaming-router-manual