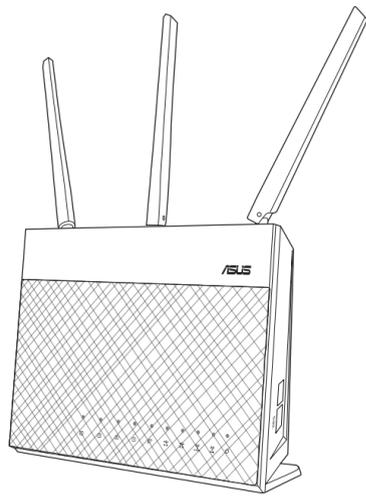


# Quick Start Guide

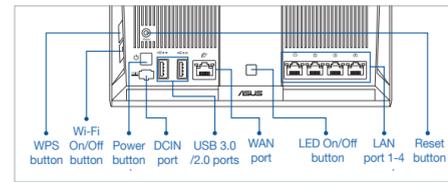
**RT-AC68U**  
Wireless-AC1900  
with AiMesh Wi-Fi System



## Hardware Explanations

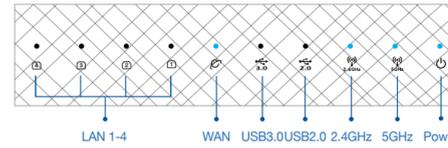
- 1 Plug the adapter into the DCIN port, and press the power button.
- 2 The Power, 2.4GHz and 5GHz LEDs will light up when your hardware is ready.

## Button Explanations



- **RESET BUTTON**  
Reset the system to its factory default settings.
- **WAN PORT**  
Connect your modem to this port with a network cable.
- **LAN PORT 1-4**  
Connect your PC to a LAN port with a network cable.

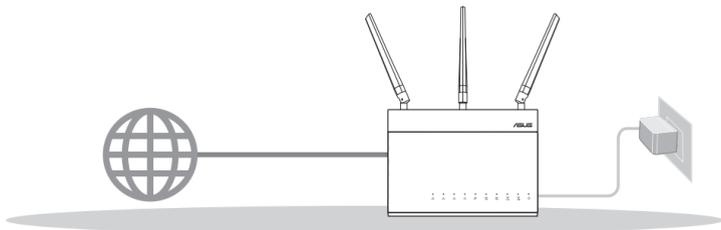
## LED Explanations



## BEFORE SETTING

### 01 Preparing to setup a standalone router

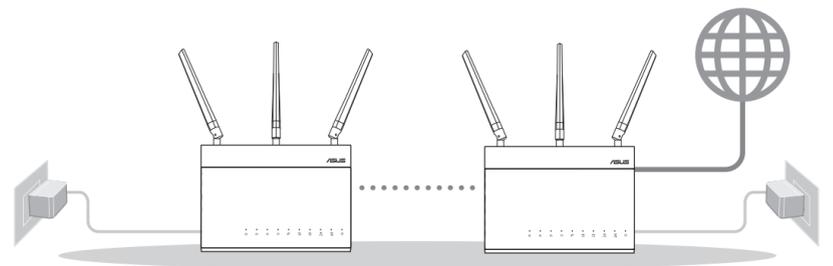
- 1 Go to **ONE ROUTER SETUP STEPS**.



**ONE ROUTER SETUP**

### 02 Preparing to setup an AiMesh Wi-Fi system

- 1 Two (2) ASUS routers (models supporting AiMesh <https://www.asus.com/AiMesh/>).
- 2 Assign one as AiMesh router, and another one as AiMesh node.  
\*\* If you have multiple AiMesh routers, we recommend using the router with the highest specifications as your AiMesh router and the others as AiMesh nodes.
- 3 Go to **AiMesh SETUP STEPS**.

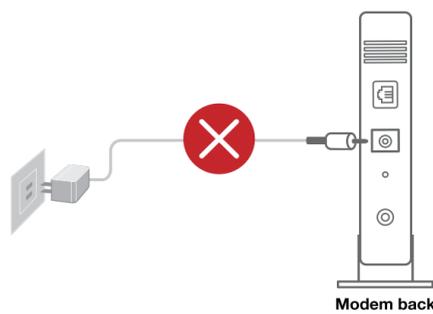


**AiMesh SETUP STEPS**

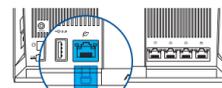
## ONE ROUTER SETUP STEPS WE SUGGEST...

### 01 Prepare your Modem

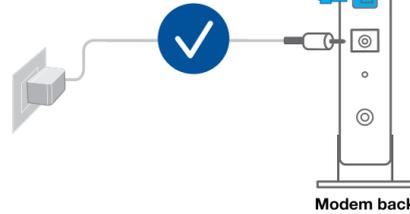
- 1 Unplug the power of cable / DSL modem.  
If it has a battery backup, remove the battery. **1**



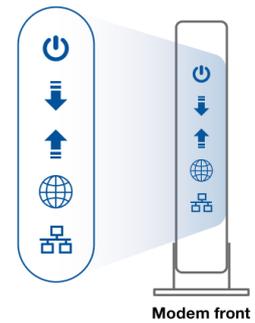
- 2 Connect your modem to the router with the network cable provided.



- 3 Power on the modem.  
Plug modem to the power outlet and power on.



- 4 Check the modem LED lights to ensure the connection is active.



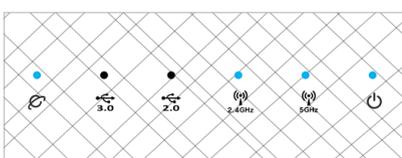
**1** If you are using DSL for internet, you will need your username / password from your Internet service provider (ISP) to properly configure your router.

### 02 Connect your Device

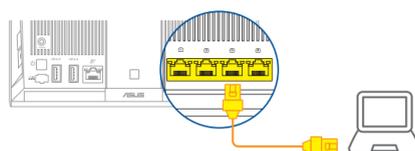
- 1 Power on the router.  
Plug in and press the power button at the back of your router.



- 2 Check the WAN and 2.4GHz / 5GHz LED lights to ensure the hardware connection is ready.



- 3 Connect your PC to the router using an additional network cable.



### 03 Login and Connect

- 1 Open a web browser.  
You will be redirected to the ASUS Setup Wizard. If not, navigate to <http://router.asus.com>.



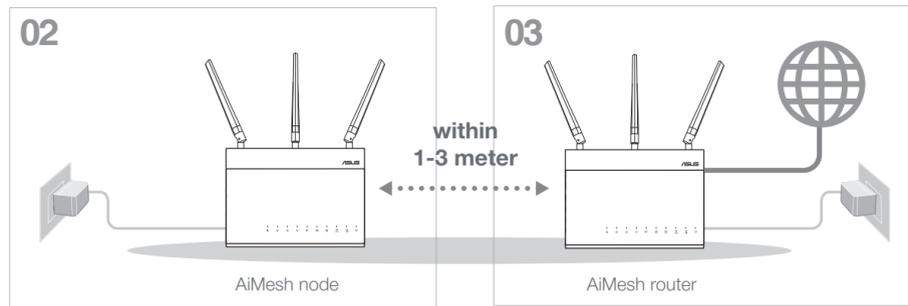
# AiMesh SETUP STEPS

## 01 Prepare

Place your AiMesh router and node within 1-3 meters of each other during the setup process.

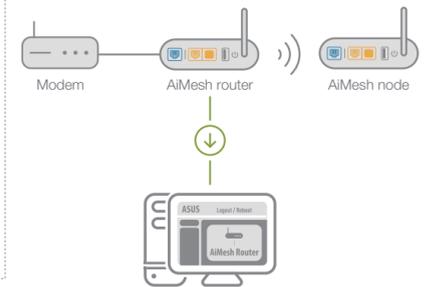
## 02 AiMesh node

Factory default status. Keep power on and standby for AiMesh system setting.



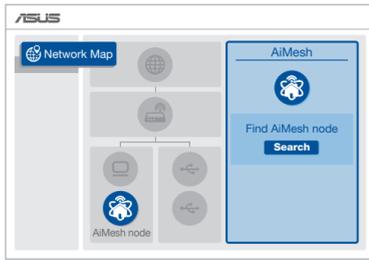
## 03 AiMesh router

1 Refer to **ONE ROUTER SETUP STEPS** to connect your AiMesh router to your PC and modem, and then log in into the web GUI.



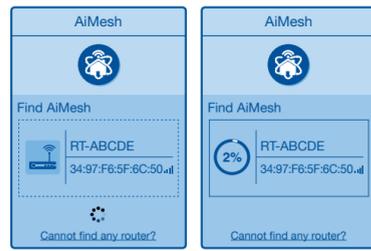
2 Go to Network Map page, click AiMesh icon and then Search for your extending AiMesh node.

\*\* If you cannot find the AiMesh icon here, click on firmware version and update the firmware.



3 Click Search, it will automatically search for your AiMesh node. When the AiMesh node shows on this page, click it to add it into the AiMesh system.

\*\* If you cannot find any AiMesh node, please go to "TROUBLE SHOOTING".



4 A message is displayed when synchronization is completed.

Successfully added RT-ABCDE to your AiMesh system, it will take awhile to show up as connected in the AiMesh router list.

OK

5 Congratulations! You will find the pages below show up when an AiMesh node has been successfully added to the AiMesh network.



# TROUBLE SHOOTING

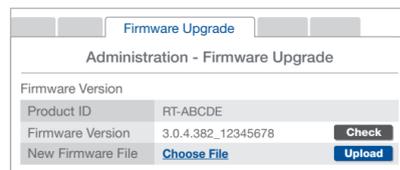
If your AiMesh router cannot find any AiMesh node nearby or synchronization fails, please check followings and try again.

a Move your AiMesh node closer to the AiMesh router ideally. Ensure it is within 1-3 meters.

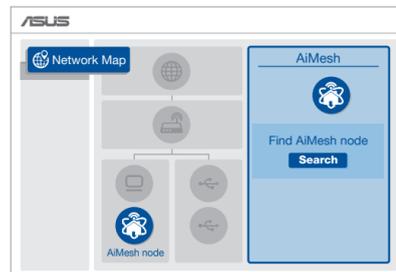
b Your AiMesh node is powered on.

c Your AiMesh node is upgraded to AiMesh supported firmware.

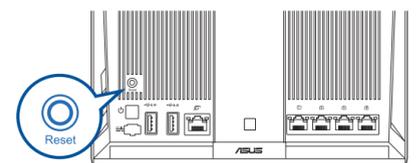
- Download AiMesh - supported firmware at <https://www.asus.com/AiMesh/>
- Power on your AiMesh node and connect it to your PC via a network cable.
- Launch a web GUI. You will be redirected to the ASUS Setup Wizard. If not, navigate to <http://router.asus.com>
- Go to **Administration** → **Firmware Upgrade**. Click on **Choose File**, and upload the AiMesh-supported firmware.



v. After firmware uploaded, please go to Network Map page to confirm whether AiMesh icon showed up.



vi. Press the reset button on your AiMesh node for at least 5 seconds. Release the reset button when the power LED is flashing slowly.



# RELOCATION THE BEST PERFORMANCE

Locate AiMesh router and node at best place.



**NOTE:**

- To minimize interference, keep the routers away from devices like cordless phones, Bluetooth devices and microwave ovens.
- We recommend that you place the routers in an open or spacious location.

# ASUS ROUTER APP

Download free ASUS Router APP to setup and manage your router(s).



ASUS Router

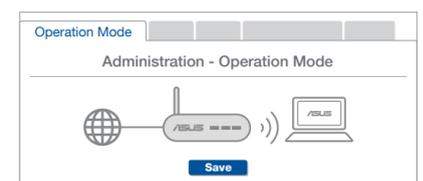
GET IT ON Google Play

Download on the App Store

# FAQ FREQUENTLY ASKED QUESTIONS

Q1 Does the AiMesh router support Access Point mode?

**A : Yes.** You can choose to set the AiMesh router as router mode or access point mode. Please go to web GUI (<http://router.asus.com>), and go to the page Administration → Operation Mode.



Q2 Could I setup wired connection between AiMesh routers (Ethernet backhaul)?

**A : Yes.** AiMesh system supports both wireless and wired connection between AiMesh router and node to maximize throughput and stability. AiMesh analyzes the wireless signal strength for each frequency band available, and then determines automatically whether a wireless or wired connection is best to serve as the inter-router connection backbone.

- Follow the setup steps to establish a connection between the AiMesh router and node via Wi-Fi first.
- Place the node in the ideal locations for best coverage. Run an Ethernet cable from the LAN port of the AiMesh router to the WAN port of AiMesh node.



3 AiMesh system will auto-select the best path for data transmission, whether wired or wireless.