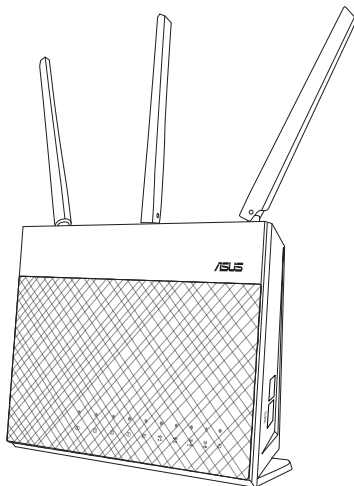


# RT-AC68U

Wireless-AC68U with AiMesh Wi-Fi System



## Quick Start Guide

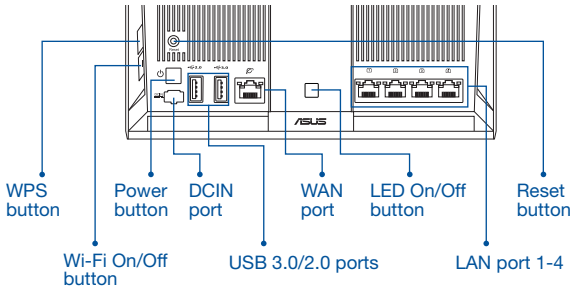
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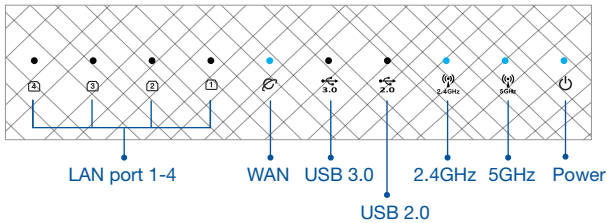
# Hardware Explanations

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

## Button Explanations



## LED Explanations



---

### RESET BUTTON

Reset the system to its factory defaults.

---

### WAN PORT

Connect your modem to this port with a network cable.

---

### LAN PORT 1-4

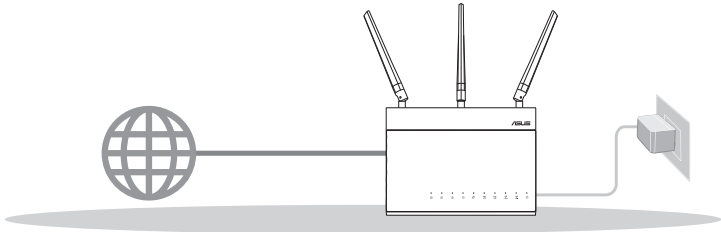
Connect your PC to a LAN port with a network cable.

---

# BEFORE SETTING

## 01 Preparing to setup a standalone router

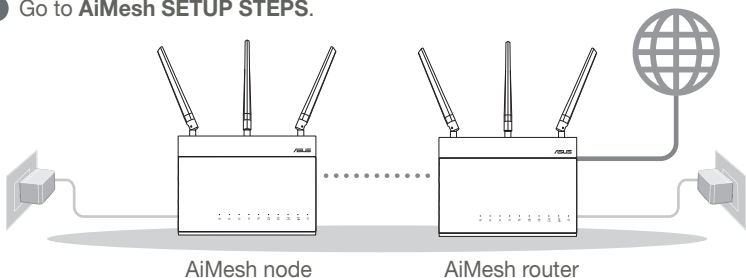
- 1 Go to **ONE ROUTER SETUP STEPS**.



**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**.



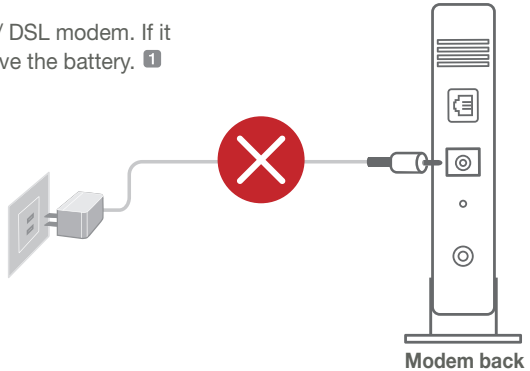
**AiMesh SETUP STEPS**

# ONE ROUTER SETUP STEPS

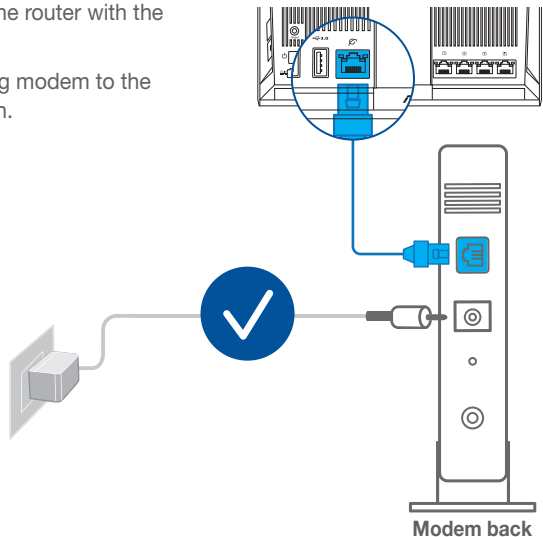
## WE SUGGEST...

### 01 Prepare your Modem

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

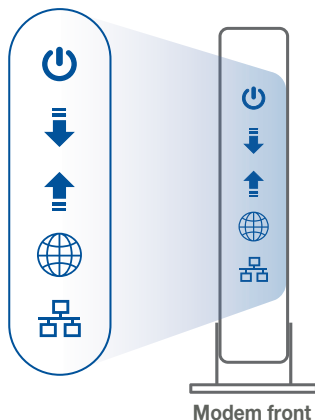


- 2 Connect your modem to the router with the network cable provided.
- 3 Power on the modem. Plug modem to the power outlet and power on.



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

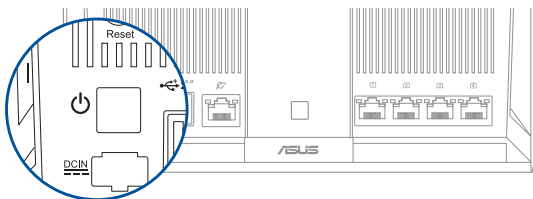
- 1 If you are using DSL for internet, you will need your username / password from your Internet service provider (ISP) to properly configure your router.



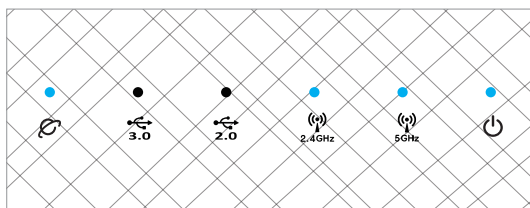
## 02 Connect your Device

- 1 Power on the router.

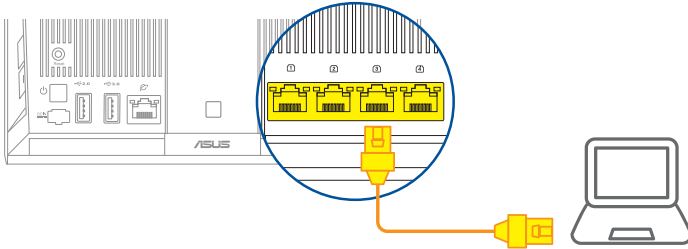
Plug in and press the power button at the back of your router.



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



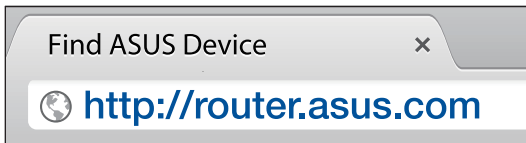
- 3 Connect your PC to the router using an additional network cable.



## 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>.



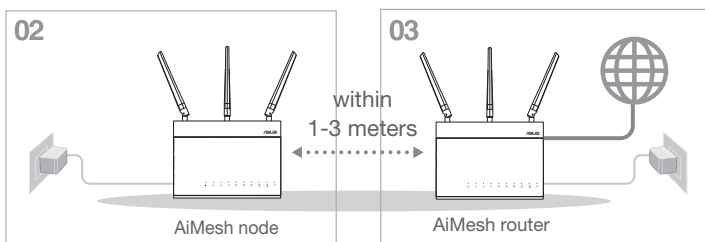
# AiMesh SETUP STEPS

## 01 Prepare

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

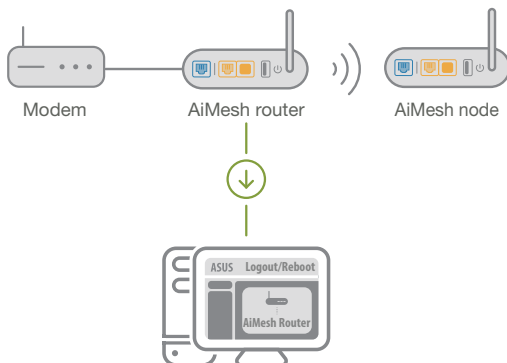
## 02 AiMesh node

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



## 03 AiMesh router

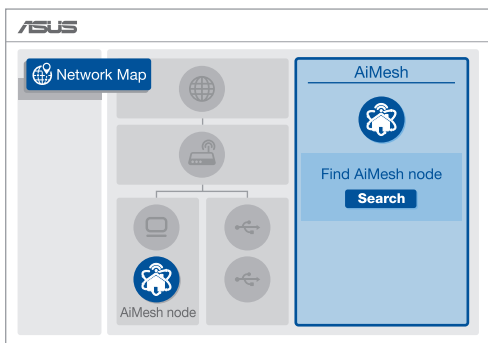
- 1 Refer to **ONE ROUTER SETUP STEPS** to connect your AiMesh router to your PC and modem, and then log into the web GUI.





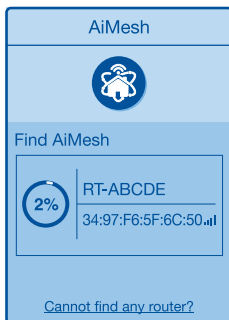
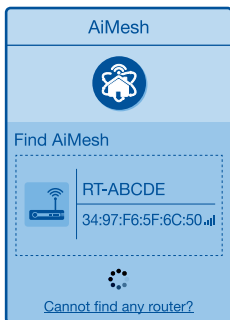
- 2 Go to Network Map page, click AiMesh icon and then Search for your extending AiMesh node.

\*\* 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**.

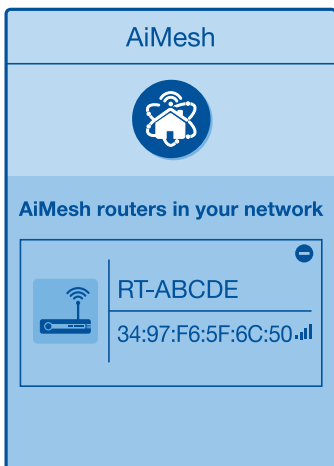


- 4 A message is displayed when synchronization is completed.

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

OK

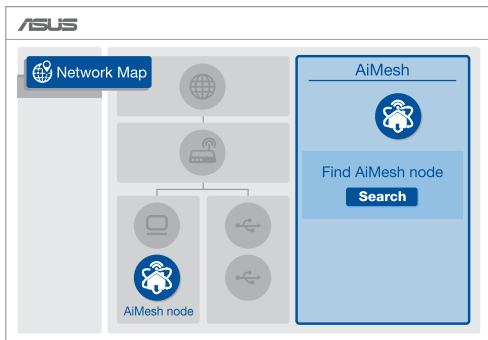
- 5 Congratulations! You will find the pages below show up when an AiMesh node has been successfully added to the AiMesh network.



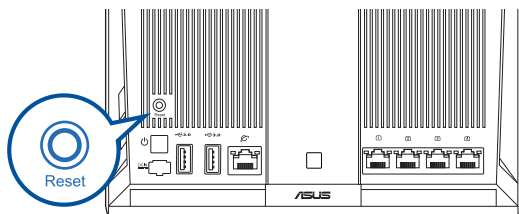
# TROUBLESHOOTING

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.
  - i Download AiMesh - supported firmware at: <https://www.asus.com/AiMesh/>
  - ii Power on your AiMesh node and connect it to your PC via a network cable.
  - iii Launch a web GUI. You will be redirected to the ASUS Setup Wizard. If not, navigate to <http://router.asus.com>
  - iv 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.



**NOTES:** 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

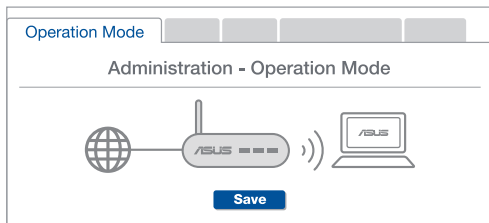
Download free ASUS Router APP to setup and manage your router(s).



# 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.

- 1 Follow the setup steps to establish a connection between the AiMesh router and node via Wi-Fi first.
- 2 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.

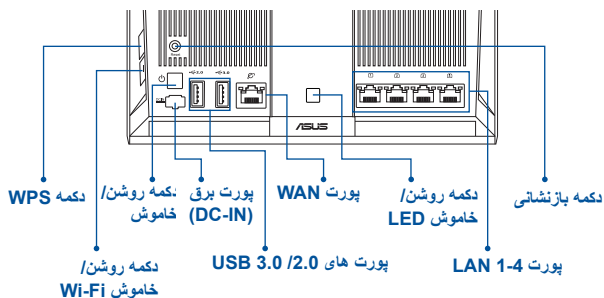


- 3 AiMesh system will auto-select the best path for data transmission, whether wired or wireless.

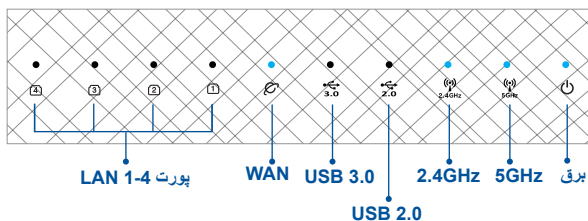
# توضیحات مربوط به سخت افزار

1  
2  
آداپتور را به پورت DCIN وصل کنید و دکمه روشن/خاموش را فشار دهید.  
وقتی سخت افزار آماده شد، چراغ های برق و چراغ های روشن 2.4GHz/5GHz می شوند.

توضیحات مربوط به دکمه



توضیحات مربوط به LED



## دکمه بازنشانی

سیستم را به تنظیمات پیش فرض کارخانه بازنشانی کنید.

## پورت WAN

مودم را با کابل شبکه به این پورت وصل کنید.

## پورت LAN 1-4

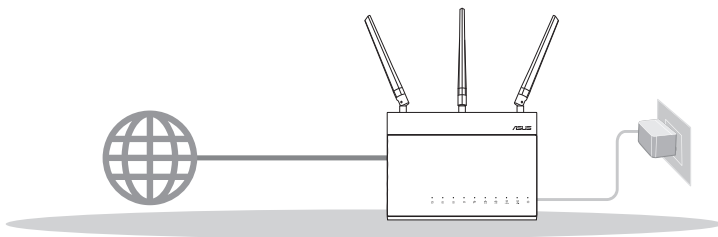
کامپیوتر را با کابل شبکه به پورت LAN وصل کنید.

# قبل از تنظیم و راه اندازی

## 01 آماده سازی برای راه اندازی روتر تکی

به مراحل راه اندازی یک روتر بروید.

1



راه اندازی یک روتر

## 02 آماده سازی برای راه اندازی یک سیستم AiMesh Wi-Fi

دو (2) روتر ASUS (مدل هایی که از AiMesh پشتیبانی می کنند) <https://www.asus.com/> (AiMesh).

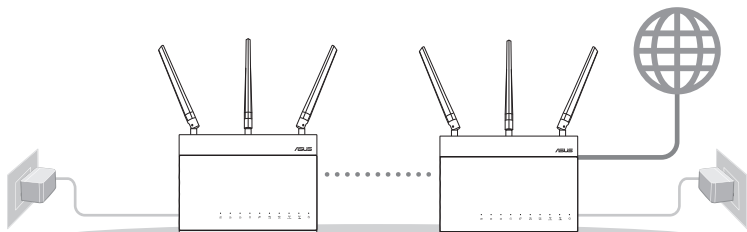
1

یک روتر را به عنوان AiMesh و دیگری را به عنوان گره AiMesh تنظیم کنید.  
\*\* اگر چند روتر AiMesh دارید، توصیه می کنیم از روتری که مشخصات بهتری دارد به عنوان روتر AiMesh و از دیگری به عنوان گره AiMesh استفاده کنید.

2

به مراحل راه اندازی AiMesh بروید.

3



گره AiMesh

روتر AiMesh

مراحل راه اندازی AiMesh

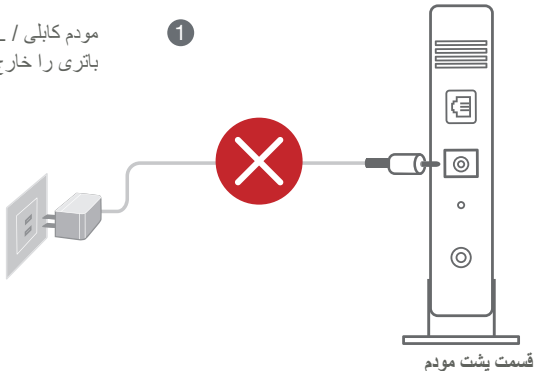


# مراحل راه اندازی یک روتر

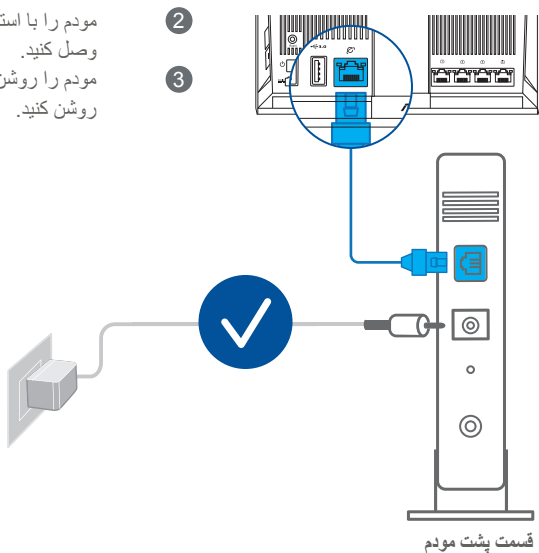
## توصیه می کنیم...

### 01 آماده سازی مودم

مودم کابلی / DSL را جدا کنید. اگر باتری پشتیبان دارد، باتری را خارج کنید. 1



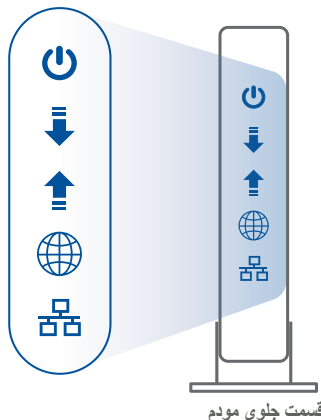
مودم را با استفاده از کابل شبکه ارائه شده به روتر وصل کنید.  
مودم را روشن کنید. مودم را به پریز برق وصل کنید و روشن کنید.



چراغ های LED مودم کابلی / DSL را بررسی کنید و مطمئن شوید که اتصال فعال باشد.

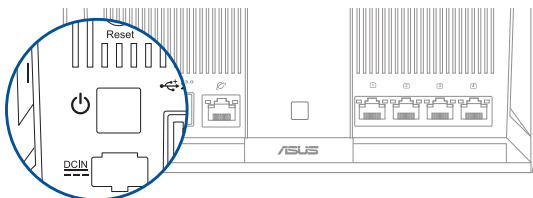
4

1 اگر از DSL برای اینترنت استفاده می کنید، باید از ارائه دهنده خدمات اینترنتی (ISP)، نام کاربری / رمز عبور را دریافت کنید تا بتوانید به درستی روتر را پیکربندی کنید.

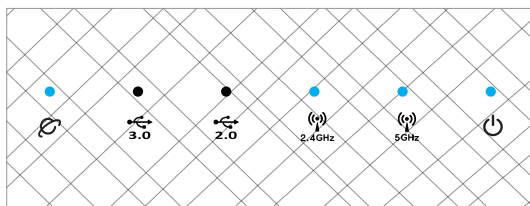


## 02 دستگاه را وصل کنید

1 روتر را روشن کنید. به پریز وصل کنید و دکمه برق را در پشت روتر فشار دهید.

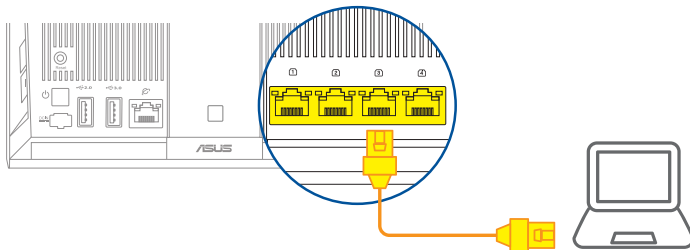


2 چراغ های WAN و LED 2.4GHz/5GHz را بررسی کنید و مطمئن شوید که اتصال سخت افزار آماده باشد.



3

کامپیوتر را با استفاده از کابل شبکه اضافی به روتر وصل کنید.

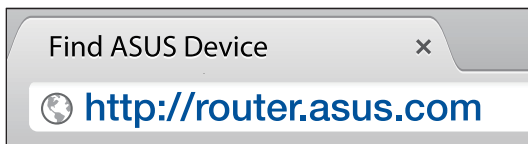


## 03 وارد سیستم شوید و وصل شوید

1

یک مرورگر وب را باز کنید.

به **ASUS Setup Wizard** منتقل می شوید. در غیر اینصورت به <http://router.asus.com> بروید.



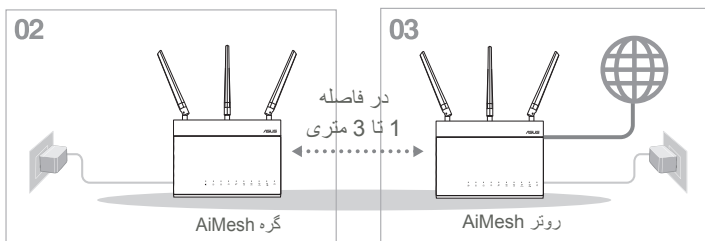
# مراحل راه اندازی AiMesh

## 01 آماده سازی

درحین مراحل راه اندازی، روتر AiMesh و گره را در فاصله 1 تا 3 متری یکدیگر قرار دهید.

## 02 گره AiMesh

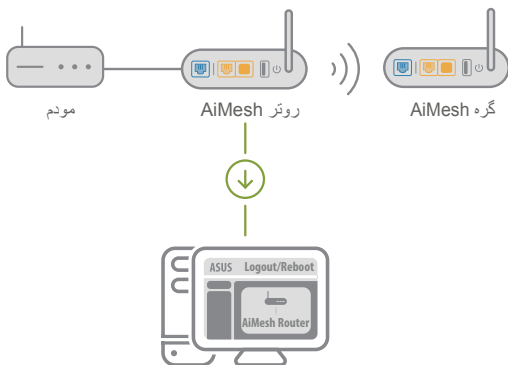
وضعیت پیش فرض کارخانه. دستگاه را برای تنظیمات سیستم AiMesh درحالت روشن و آماده به کار نگهدارید.



## 03

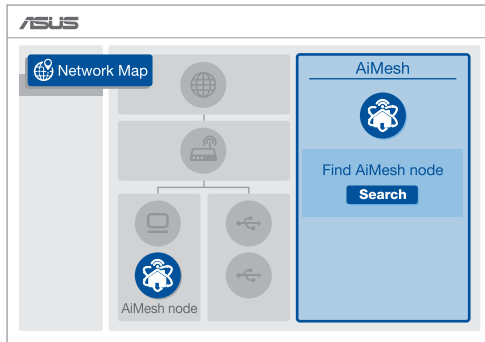
## روتر AiMesh

1 برای اتصال روتر AiMesh به کامپیوتر و مودم، به مراحل راه اندازی یک روتر بروید و سپس به سایت GUI وارد شوید.



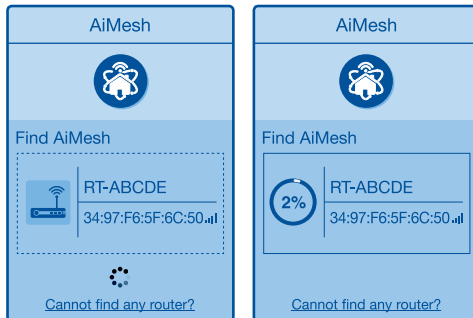
2

به صفحه نقشه شبکه بروید، روی نماد AiMesh کلیک کنید و سپس گره AiMesh باز شده را جستجو کنید.  
\*\* اگر نماد AiMesh را در آنجا پیدا نکردید، روی نسخه نرم افزار کلیک کنید و نرم افزار را به روز رسانی کنید.



3

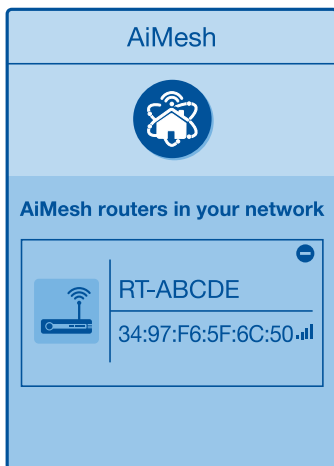
اگر به صورت خودکار گره AiMesh جستجو نشد، روی **Search (جستجو)** کلیک کنید. وقتی گره AiMesh در این صفحه نمایش داده شد، روی آن کلیک کنید تا به سیستم AiMesh اضافه شود.  
\*\* اگر هیچ گره AiMesh را پیدا نکردید، به **عیب یابی** بروید.



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

OK

تیریک می گوئیم! بعد از اینکه گره AiMesh به شبکه AiMesh اضافه شد، صفحه ای مانند زیر نمایش داده می شود.



# عیب یابی

اگر روتر AiMesh هیچ گره AiMesh را در نزدیکی خود پیدا نمی کند یا اگر همگامسازی انجام نمی شود، موارد زیر را امتحان کنید و دوباره امتحان کنید.

گره AiMesh را به روتر AiMesh نزدیک تر کنید. مطمئن شوید در فاصله 1 تا 3 متری باشد. گره AiMesh روشن می شود.

گره AiMesh به نرم افزار پشتیبانی شده AiMesh ارتقا داده می شود.

نرم افزار پشتیبانی شده AiMesh را از این آدرس دانلود کنید: <https://www.asus.com/AiMesh>

گره AiMesh را روشن کنید و آن را از طریق کابل شبکه به کامپیوتر وصل کنید. سایت GUI را باز کنید. به ASUS Setup Wizard منتقل می شوید. در غیر اینصورت به <http://router.asus.com> بروید.

به **Administration (مدیریت) < Firmware Upgrade (ارتقای نرم افزار) Choose File (انتخاب فایل)** کلیک کنید و نرم افزار پشتیبانی شده AiMesh را آپلود کنید.

بعد از آپلود نرم افزار، به صفحه نقشه شبکه بروید و بررسی کنید نماد AiMesh در آنجا نمایش داده شده باشد.

a  
b  
c

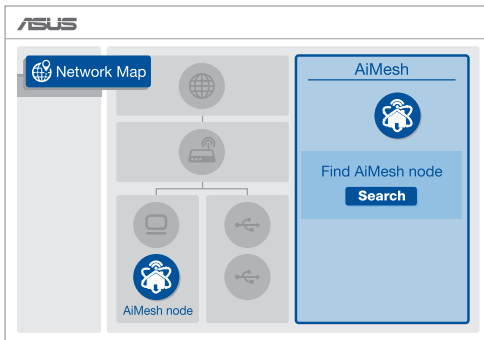
i

ii

iii

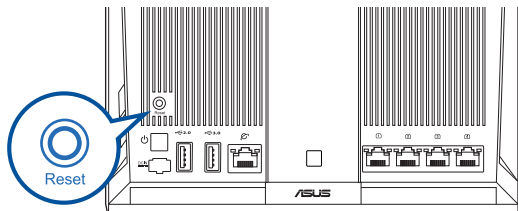
iv

v



دکمه بازنشانی را در حالت AiMesh به مدت حداقل 5 ثانیه فشار دهید. بعد از اینکه چراغ LED به آهستگی چشمک زد، دکمه بازنشانی را رها کنید.

vi





# تغییر مکان بهترین عملکرد

روتر AiMesh و گره را در بهترین مکان ممکن قرار دهید.



**نکته:** برای اینکه تداخل به حداقل برسد، روترها را از دستگاه هایی مانند تلفن های بدون سیم، دستگاه های Bluetooth و میکروفر دور نگهدارید. توصیه می کنیم روترها را در فضایی آزاد یا جادار قرار دهید.

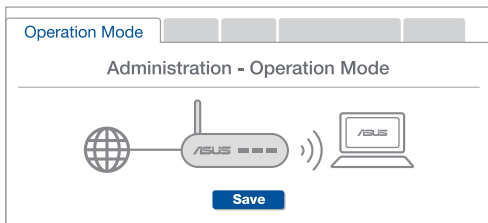
## ASUS Router APP

برنامه رایگان ASUS Router APP را دانلود کنید تا بتوانید روترها را راه اندازی کرده و مدیریت کنید.

ASUS Router



آیا روتر AiMesh از حالت نقطه دسترسی پشتیبانی می کند؟  
**پاسخ:** بله. می توانید روتر AiMesh را به عنوان حالت روتر یا حالت نقطه دسترسی تنظیم کنید. به صفحه وب (<http://router.asus.com>) بروید و به صفحه **Administration > Operation Mode** بروید.



آیا می توانم بین روترهای AiMesh (اترنت بک هال) اتصال سیم دار ایجاد کنم؟  
**پاسخ:** بله. سیستم AiMesh از هر دو اتصال بی سیم و سیم دار بین روتر AiMesh و گره پشتیبانی می کند تا ثبات و توان عملیاتی به حداکثر برسد. AiMesh قدرت سیگنال بی سیم را برای هر باند فرکانس موجود تجزیه و تحلیل می کند و سپس به صورت خودکار مشخص می کند از بین اتصال بی سیم یا سیم دار کدامیک برای اتصال داخلی بین روترها بهترین گزینه است.

1 مراحل راه اندازی را ابتدا از طریق Wi-Fi برای ایجاد اتصال بین روتر AiMesh و گره دنبال کنید.

2 برای اینکه بهترین پوشش دهی را داشته باشید، گره را در مکان های مناسب قرار دهید. یک کابل اترنت را از پورت LAN روتر AiMesh به پورت WAN گره AiMesh حرکت دهید.

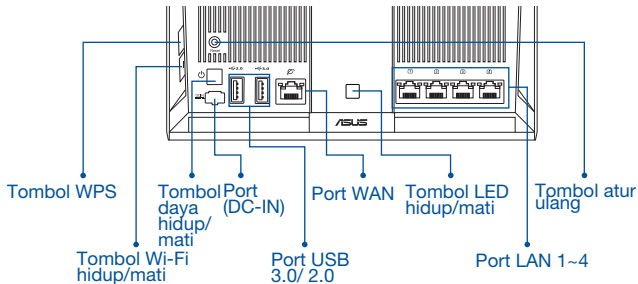


3 سیستم AiMesh به صورت خودکار بهترین مسیر بی سیم یا سیم دار را برای انتقال داده انتخاب می کند.

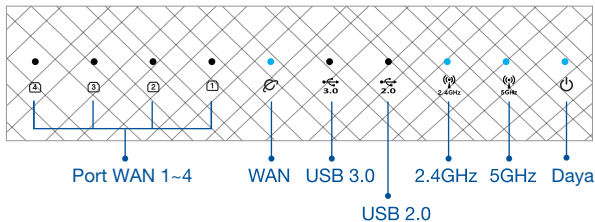
# Penjelasan Perangkat Keras

- 1 Pasang adaptor ke port DCIN, lalu tekan tombol daya.
- 2 LED, 2.4 GHz/5 GHz, Daya akan menyala saat perangkat keras Anda siap.

## Penjelasan Tombol



## Penjelasan LED



### TOMBOL ATUR ULANG

Mengatur ulang sistem ke default pabrik.

### PORT WAN

Menyambungkan modem ke port ini dengan kabel jaringan.

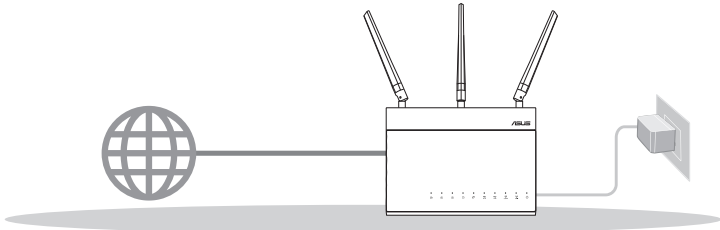
### PORT LAN 1-4

Menyambungkan PC ke port LAN dengan kabel jaringan.

# SEBELUM PENGATURAN

## 01 Persiapan konfigurasi router mandiri

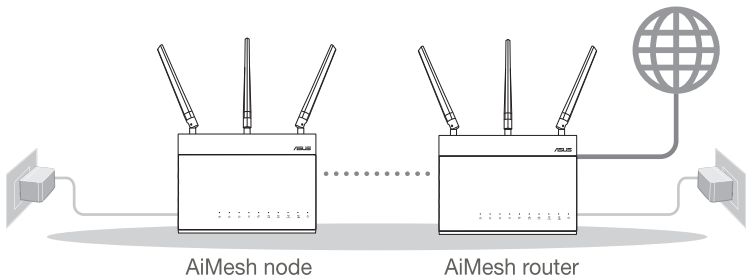
- 1 Buka **LANGKAH-LANGKAH KONFIGURASI SATU ROUTER**.



**KONFIGURASI SATU ROUTER**

## 02 Persiapan konfigurasi sistem Wi-Fi AiMesh

- 1 2 (dua) router ASUS (model mendukung AiMesh <https://www.asus.com/AiMesh/>).
- 2 Tentukan satu router sebagai router AiMesh, dan router lainnya sebagai node AiMesh.  
 \*\* Jika Anda memiliki beberapa router AiMesh, sebaiknya gunakan router dengan spesifikasi tertinggi sebagai router AiMesh dan router lainnya sebagai node AiMesh.
- 3 Buka **LANGKAH-LANGKAH KONFIGURASI AiMesh**.



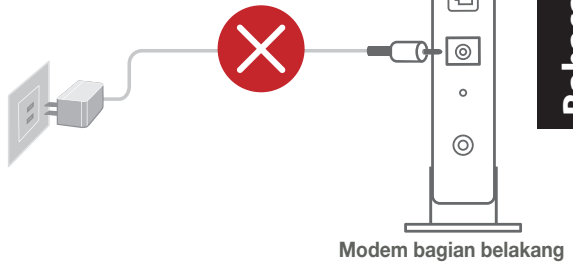
**LANGKAH-LANGKAH KONFIGURASI AiMesh**

# LANGKAH-LANGKAH KONFIGURASI SATU ROUTER

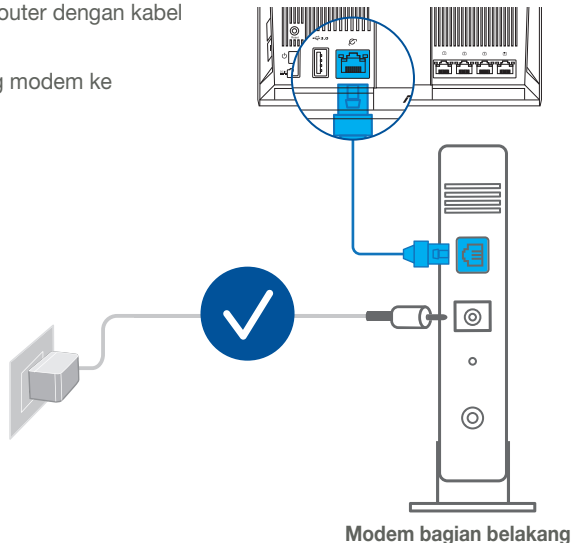
## KAMI MENYARANKAN...

### 01 Menyiapkan modem

- 1 Lepaskan modem DSL/kabel dari catu daya. Jika ada cadangan baterai, keluarkan baterai.

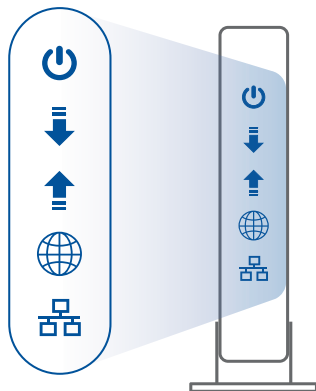


- 2 Sambungkan modem ke router dengan kabel jaringan yang disediakan.
- 3 Hidupkan modem. Pasang modem ke stopkontak, lalu hidupkan.



- 4 Periksa lampu LED modem untuk memastikan sambungan sudah aktif.

- 1 Jika menggunakan DSL untuk Internet, Anda memerlukan nama pengguna/sandi dari Penyedia Layanan Internet (ISP) untuk mengkonfigurasi router dengan benar.

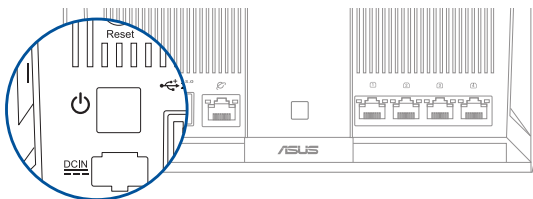


Modem bagian depan

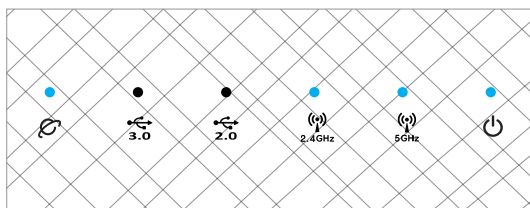
## 02 Sambungkan Perangkat Anda

- 1 Hidupkan router.

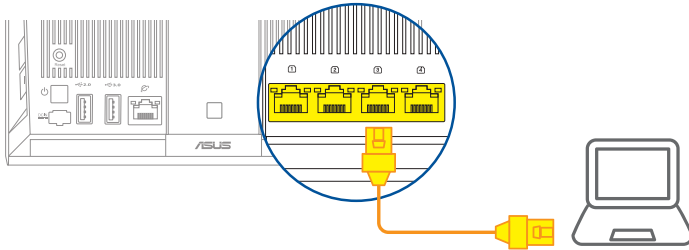
Pasang, lalu tekan tombol daya di bagian belakang router.



- 2 Periksa lampu WAN dan LED 2,4 GHz/5 GHz untuk memastikan sambungan perangkat keras telah siap.



- 3 Sambungkan PC ke router menggunakan kabel jaringan tambahan.



## 03 Login dan Sambungkan

- 1 Buka browser web.

Anda akan diarahkan kembali ke Wizard Konfigurasi ASUS. Jika tidak, navigasikan ke <http://router.asus.com>.



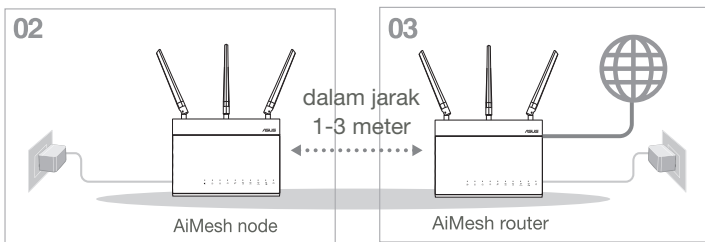
# LANGKAH-LANGKAH KONFIGURASI AiMesh

## 01 Persiapan

Letakkan router dan node AiMesh dalam jarak 1-3 meter selama proses konfigurasi.

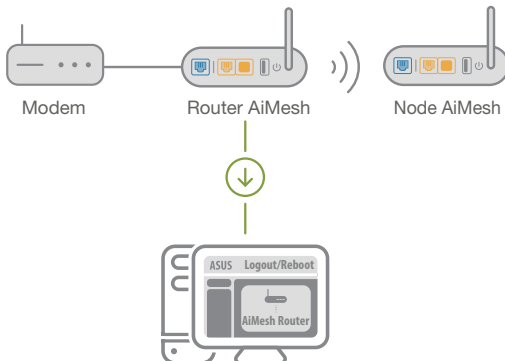
## 02 Node AiMesh

Status default pabrik. Terus hidungkan daya dalam kondisi siaga untuk pengaturan sistem AiMesh.



## 03 Router AiMesh

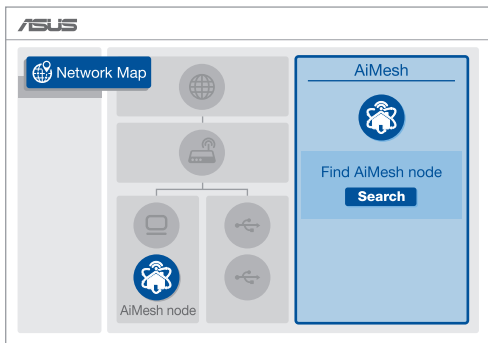
- 1 Lihat **LANGKAH-LANGKAH KONFIGURASI SATU ROUTER** untuk menyambungkan router AiMesh ke PC dan modem, lalu log in ke GUI web.





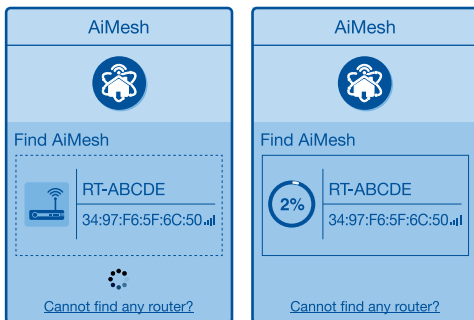
- 2 Buka halaman Network Map (Peta Jaringan), klik ikon AiMesh, lalu Search (Cari) jangkauan node AiMesh.

\*\* Jika Anda tidak menemukan ikon AiMesh, klik versi firmware, lalu perbarui firmware.



- 3 Klik **Search (Cari)**, tindakan tersebut akan secara otomatis mencari node AiMesh. Saat node AiMesh ditampilkan pada halaman ini, klik untuk menambahkannya ke sistem AiMesh.

\*\* Jika Anda tidak menemukan node AiMesh, buka **PENYELESAIAN MASALAH**.

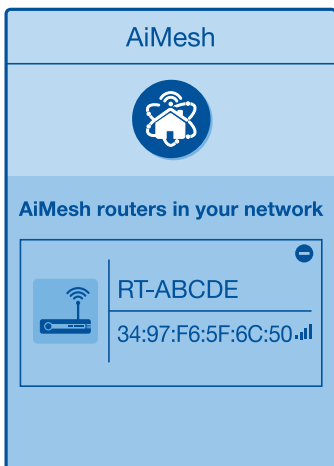


- 4 Pesan akan ditampilkan setelah sinkronisasi selesai.

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

OK

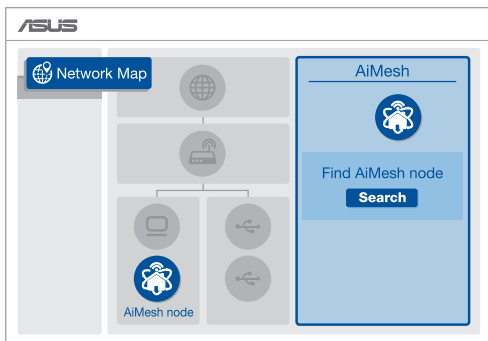
- 5 Selamat! Anda akan melihat halaman di bawah ditampilkan setelah node AiMesh berhasil ditambahkan ke jaringan AiMesh.



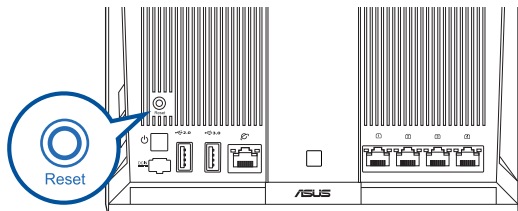
# PENYELESAIAN MASALAH

Jika router AiMesh tidak menemukan node AiMesh terdekat atau sinkronisasi gagal, periksa berikut ini, lalu coba lagi.

- a Pindahkan node AiMesh agar lebih dekat secara ideal ke router AiMesh. Pastikan router berada dalam jarak 1-3 meter.
- b Node AiMesh telah dihidupkan.
- c Node AiMesh telah ditingkatkan menjadi firmware yang mendukung AiMesh.
  - i Download firmware yang mendukung AiMesh di: <https://www.asus.com/AiMesh/>
  - ii Hidupkan node AiMesh, lalu sambungkan PC melalui kabel jaringan.
  - iii Buka GUI web. Anda akan diarahkan kembali ke Wizard Konfigurasi ASUS. Jika tidak, navigasikan ke <http://router.asus.com>.
  - iv Buka **Administration (Administrasi) > Firmware Upgrade (Peningkatan Firmware)**. Klik **Choose File (Pilih File)**, lalu upload firmware yang mendukung AiMesh.
  - v Setelah firmware di-upload, buka halaman Network Map (Peta Jaringan) untuk mengkonfirmasi saat ikon AiMesh ditampilkan.



- Ⓥi Tekan tombol atur ulang pada node AiMesh minimal selama 5 detik. Lepas tombol atur ulang bila LED daya berkedip lambat.



# UBAH LOKASI PERFORMA TERBAIK

Letakkan router dan node AiMesh di tempat terbaik.



**CATATAN:** Untuk meminimalkan interferensi, jauhkan router dari perangkat seperti telepon nirkabel, perangkat Bluetooth, dan oven microwave.

Sebaiknya letakkan router di tempat terbuka atau luas.

## APLIKASI ASUS ROUTER

Download secara gratis Aplikasi ASUS Router agar dapat mengkonfigurasi dan mengelola router Anda.

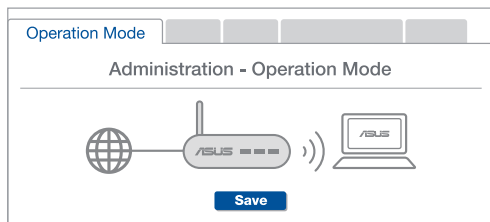
 ASUS Router



# Tanya Jawab

**T1** Apakah router AiMesh mendukung mode Access Point (Jalur Akses)?

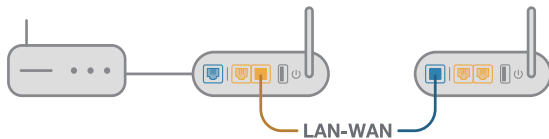
**J: Ya.** Anda dapat memilih untuk mengatur router AiMesh sebagai mode router atau mode jalur akses. Buka GUI web (<http://router.asus.com>), lalu buka halaman **Administration (Administrasi) > Operation Mode (Mode Operasi)**.



**T2** Dapatkah sambungan berkabel di antara router AiMesh (backhaul Ethernet) dikonfigurasi?

**J: Ya.** Sistem AiMesh mendukung sambungan nirkabel maupun berkabel antara router dan node AiMesh untuk memaksimalkan produktivitas serta stabilitas. AiMesh akan menganalisis kekuatan sinyal nirkabel untuk setiap pita frekuensi yang tersedia, lalu secara otomatis menentukan sambungan nirkabel atau berkabel yang paling cocok untuk digunakan sebagai backbone sambungan router internal.

- 1 Ikuti langkah-langkah konfigurasi berikut agar dapat terlebih dulu membuat sambungan antara router dan node AiMesh melalui Wi-Fi.
- 2 Letakkan node di tempat yang ideal dengan jangkauan terbaik. Jalankan kabel Ethernet dari port LAN pada router AiMesh ke port WAN pada node AiMesh.

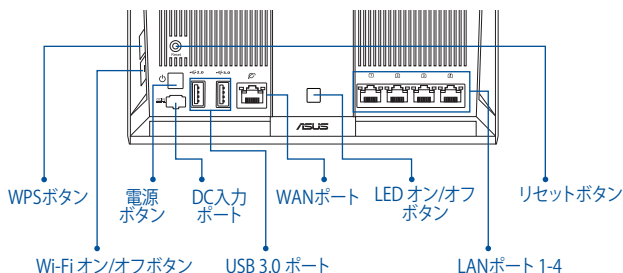


- 3 Sistem AiMesh akan secara otomatis memilih jalur terbaik untuk transmisi data, baik berkabel maupun nirkabel.

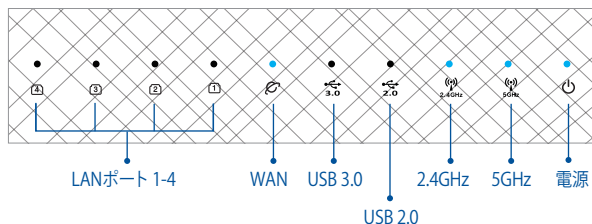
# ハードウェアについて

- 1 アダプターをDC入力ポートに差し込み、電源ボタンを押します。
- 2 ハードウェアの準備ができると、電源LED、2.4GHz / 5GHzのLEDが点灯します。

## ボタンについて



## LEDについて



### リセットボタン

システムを工場出荷時のデフォルトにリセットします。

### WANポート

ネットワークケーブルでこのポートにモデムを接続します。

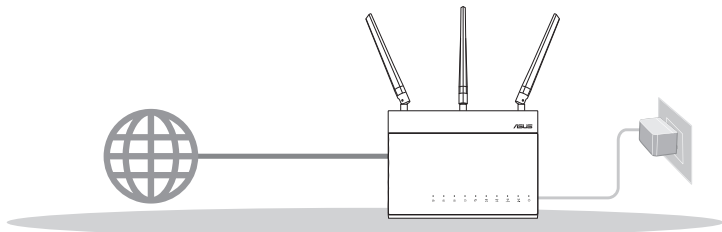
### LANポート 1-4

ネットワークケーブルでLANポートにPCを接続します。

# 設定する前に

## 01 メインルーターのセットアップ

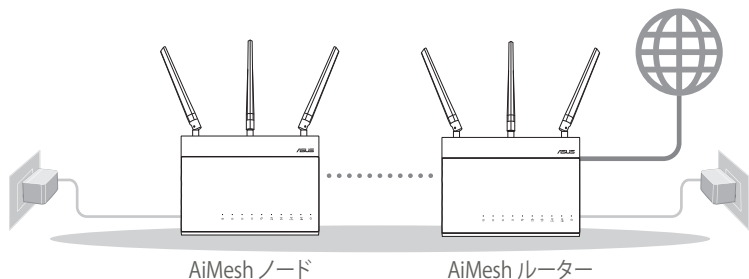
- ① 「メインルーターの設定手順」をご参照ください。



ルーター1台での設定

## 02 AiMesh Wi-Fi システムのセットアップ準備

- ① 2台のASUSルーター (AiMeshをサポートするモデル: <https://www.asus.com/AiMesh/>)
- ② 1台はAiMeshルーターとして、もう1台はAiMeshノードとして割り当てます。  
\*\* 複数台のAiMeshルーターがある場合は、スペックが最も高いルーターをAiMeshルーターとして使用し、他はAiMeshノードとして使用することをお勧めします。
- ③ 「AiMeshのセットアップ手順」をご参照ください。



AiMeshのセットアップ手順

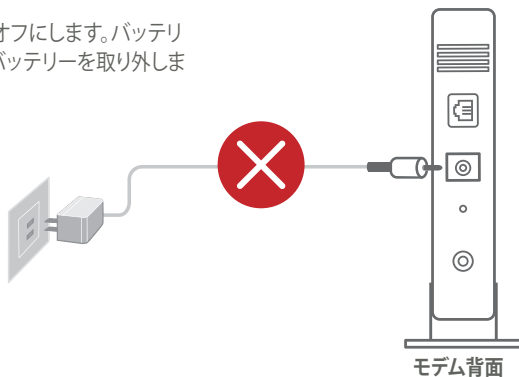


# メインルーターの設定手順

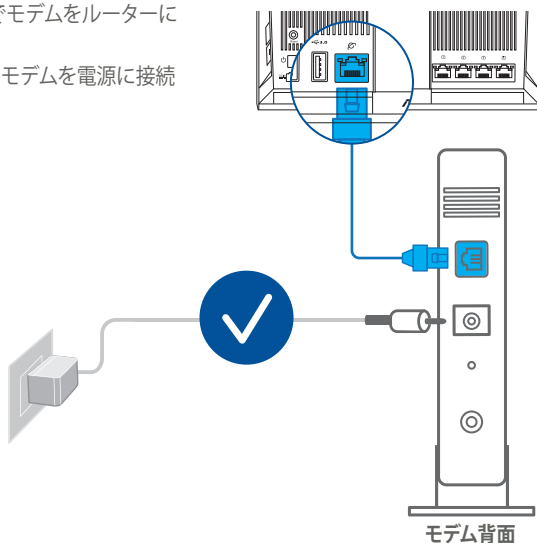
## ヒント

### 01 モデムの準備

- 1 ケーブル/DSLモデムの電源をオフにします。バッテリーバックアップがある場合は、バッテリーを取り外します❶。

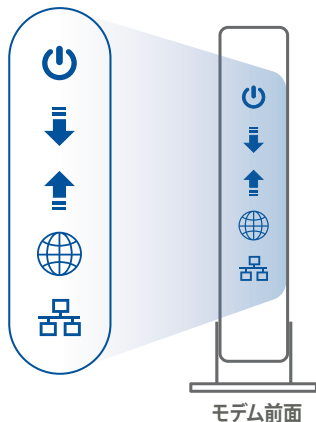


- 2 付属のネットワークケーブルでモデムをルーターに接続します。
- 3 モデムの電源をオンにします。モデムを電源に接続し、電源をオンにします。



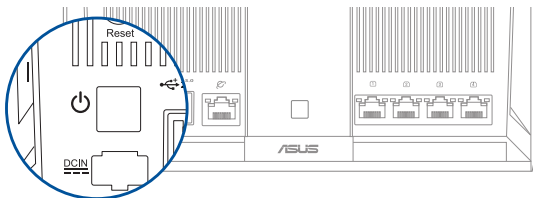
- 4 モデムのLEDが点灯していることを確認し、正常に接続されていることを確認します。

- 1 インターネットにDSLを使用している場合は、インターネットサービスプロバイダ (ISP) 提供のユーザー名/パスワードが必要です。

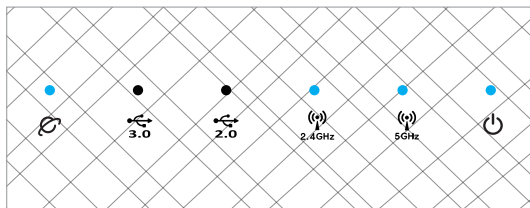


## 02 デバイスを接続する

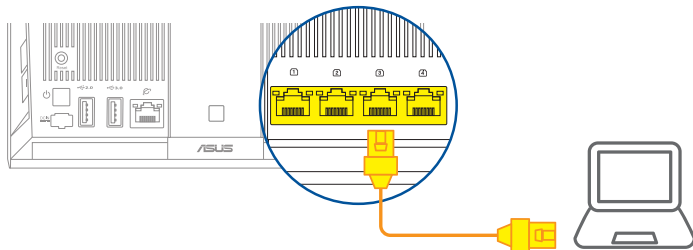
- 1 ルーターの電源をオンにします。  
プラグを差し込み、ルーター背面にある電源ボタンを押します。



- 2 WAN LED、2.4GHz / 5GHz LEDをチェックし、ハードウェア接続ができる状態であることを確認します。



- 追加のネットワークケーブルを使用し、PCをルーターに接続します。



## 03 ログインと接続

- ブラウザを起動します。  
続いて、ASUS Setup Wizardにリダイレクトされます。リダイレクトされない場合は、次のURLにアクセスしてください。(http://router.asus.com)



- ASUS Setup Wizardが表示されたら手順に沿ってメインルーターの初期設定を完了させます。

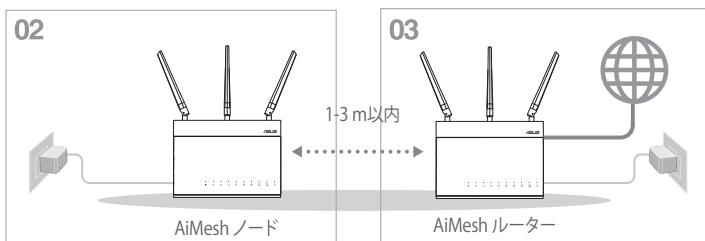
# AiMeshのセットアップ手順

## 01 セットアップの前に

セットアップ中は、AiMeshルーターとノードの距離が1~3メートル以内になるように配置します。

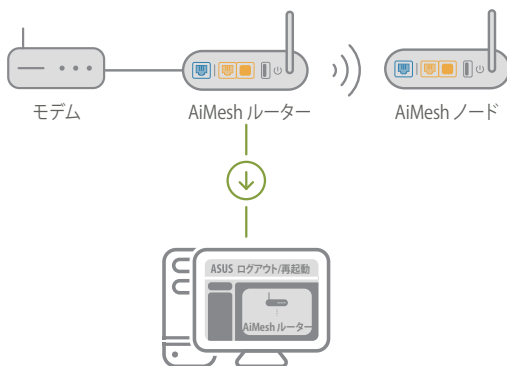
## 02 AiMesh ノード

工場出荷時の状態です。AiMeshシステム設定を行いません。設定中は電源をオフにしないでください。



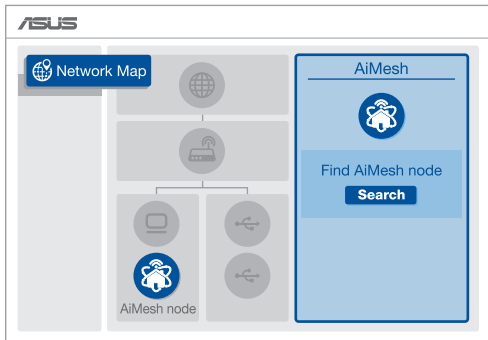
## 03 AiMesh ルーター

「メインルーター設定手順 - 03 ログインと接続」を参照し、AiMeshルーターをPCとモデムに接続し、Web GUIにログインします。



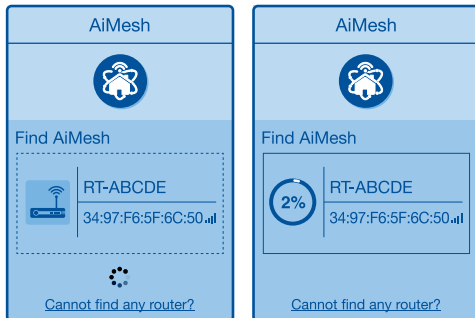
「ネットワークマップ」ページを開き、AiMesh アイコンをクリックし、拡張するAiMeshノードを検索します。

\*\* AiMeshアイコンが表示されない場合は、ファームウェアのバージョンをクリックし、ファームウェアを更新してください。



「Search (検索)」をクリックすると、AiMeshノードが自動検索されます。AiMeshノードがこの画面に表示されたら、クリックしてAiMeshシステムに追加します。

\*\* AiMesh ノードが見つからない場合は、トラブルシューティングをご参照ください。

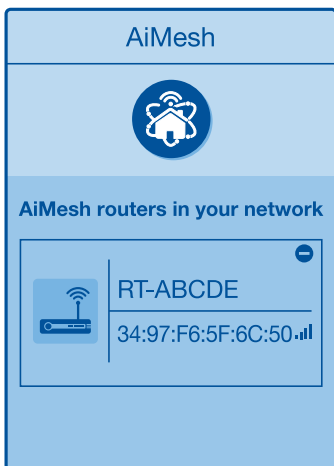


同期が完了すると、メッセージが表示されます。

AiMeshシステムにRT-ABCDEが正常に追加されると、AiMeshルーターリストに接続されたことが表示されます。暫らくお待ちください。

OK

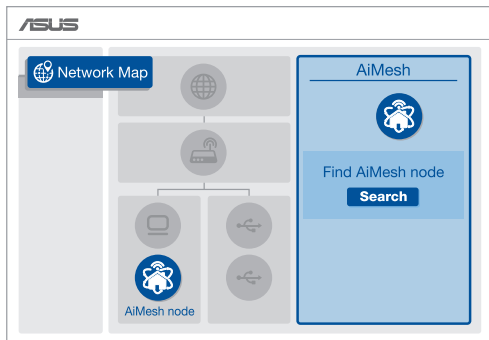
おめでとうございます! AiMeshノードがAiMeshネットワークに正常に追加されると、次のような画面が表示されます。



# トラブルシューティング

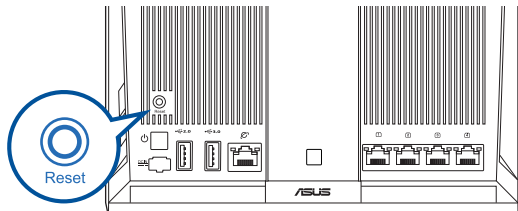
AiMeshルーターで近くにあるAiMeshノードが検索できない場合や、同期に失敗する場合は、以下をご確認ください。問題が解決する場合があります。

- a AiMeshノードをAiMeshルーターの近くに移動します。1-3 m以内に設置されていることを確認します。
- b AiMeshノードの電源が入っていることを確認します。
- c AiMeshノードのファームウェアがAiMesh対応のバージョンであることを確認します。
  - i 次のURLからAiMeshがサポートするファームウェアをダウンロードしてください。(https://www.asus.com/AiMesh/)
  - ii AiMeshノードの電源をオンにし、ネットワークケーブルでPCに接続してください。
  - iii Web GUIを起動します。続いて、ASUS Setup Wizardにリダイレクトされます。リダイレクトされない場合は、次のURLにアクセスしてください。(http://router.asus.com)
  - iv 「管理者」→「ファームウェア更新」の順に開きます。「Choose File」をクリックし、AiMeshでサポートされているファームウェアをアップロードします。
  - v ファームウェアをアップロードしたら、ネットワークマップ画面を開き、AiMeshアイコンが表示されているかどうかを確認します。



vi

AiMeshノードのリセットボタンを5秒以上押します。電源LEDがゆっくりと点滅したら、リセットボタンから手を離してください。





# 配置しなおすすめ

## 最高のパフォーマンス

最適な場所にAiMeshルーターとノードを配置します。



**注意:** 干渉を最小限に抑えるため、コードレス電話、Bluetoothデバイス、電子レンジなどの近くにルーターを設置しないでください。  
ルーターは可能な限り、信号を遮るものがないオープンスペースに設置することをお勧めします。

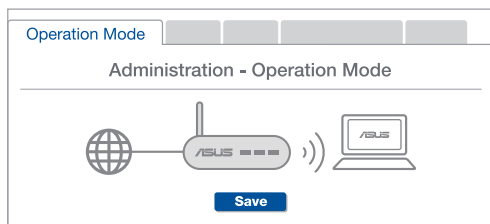
## ASUS ROUTER APP

ルーターをセットアップして管理するため、ASUS Router APPをダウンロードしてください(無料)。



# FAQ よくある質問

- Q1 AiMeshルーターはアクセスポイントモードをサポートしていますか？  
A: はい。AiMeshルーターをルーターモードまたはアクセスポイントモードに設定することができます。Web GUI (<http://router.asus.com>) にアクセスし、「管理者」→「動作モード」画面で設定します。



- Q2 AiMesh ルーター間で有線接続を構築できますか (イーサネットバックホール)?

A: はい。AiMeshシステムは、スループットと安定性を最大化するため、AiMeshルーターとノード間の無線接続と有線接続の両方をサポートしています。AiMeshは利用可能な各周波数帯の無線信号の強度を分析し、任意の無線接続または有線接続をルーター間接続バックボーンとして機能させるのが適切であるかを自動的に判断します。

- 1 Wi-Fi 経由でAiMeshルーターとノード間の接続を確立するには、設定手順に従ってください。
- 2 通信範囲が最大になるよう、ノードを適切な位置に配置します。イーサネットケーブルで、AiMeshルーターのLANポートとAiMeshノードのWANポートを接続します。

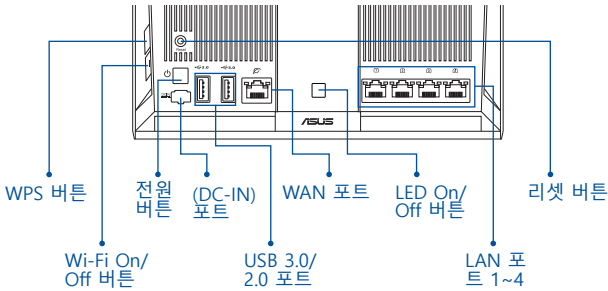


- 3 AiMeshシステムは、有線/無線のいずれの接続でも、データ伝送に最適な経路を自動的に選択します。

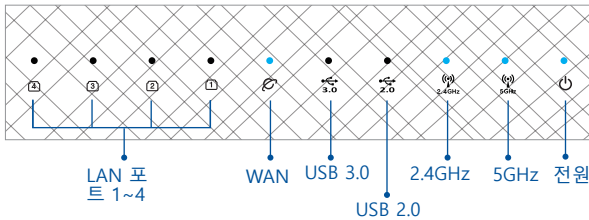
# 하드웨어에 대한 설명

- 1 어댑터를 DCIN 포트에 끼운 다음 전원 버튼을 누릅니다.
- 2 하드웨어가 작동할 준비가 끝나면 2.4GHz/5GHz 전원 LED에 불이 들어오게 됩니다.

## 버튼 설명



## LED 설명



### 초기화 버튼

시스템을 공장 기본값으로 복원할 수 있습니다.

### WAN 포트

네트워크 케이블을 이용해서 모뎀을 이 포트에 연결할 수 있습니다.

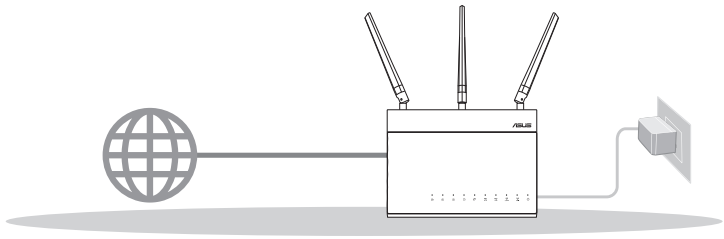
### LAN 포트 1-4

네트워크 케이블을 이용해서 PC를 LAN 포트에 연결할 수 있습니다.

# 설정하기 전에

## 01 독립 실행형 라우터 설정 준비하기

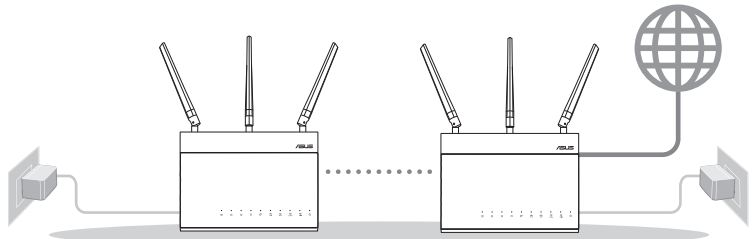
- 1 라우터 한 대 설정 단계 로 갑니다.



라우터 한 대 설정

## 02 AiMesh Wi-Fi 시스템 설정 준비하기

- 1 ASUS 라우터 두(2) 대(AiMesh를 지원하는 모델 <https://www.asus.com/AiMesh/>).
- 2 하나를 AiMesh 라우터로, 나머지 하나를 AiMesh 노드로 할당합니다.  
 \*\* AiMesh 라우터가 여러 대인 경우 가장 사양이 높은 라우터를 AiMesh 라우터로, 나머지를 AiMesh 노드로 사용할 것을 권장합니다.
- 3 AiMesh SETUP STEPS(AiMesh 설정 단계)로 갑니다.



AiMesh node                      AiMesh router

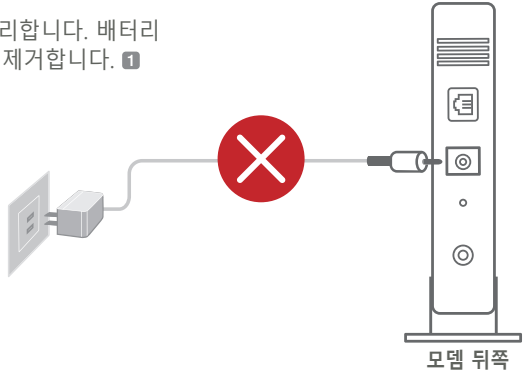
AiMesh 설정 단계

# 라우터 한 대 설정 단계

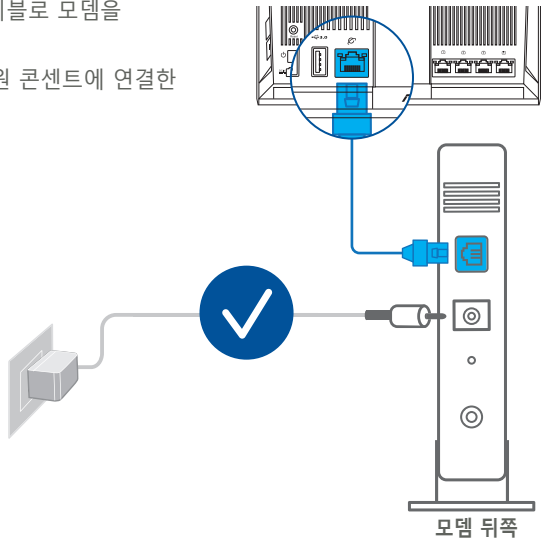
## 제안사항

### 01 모뎀 준비하기

- 1 전원 케이블/DSL 모뎀을 분리합니다. 배터리 백업이 있는 경우 배터리를 제거합니다. ❶

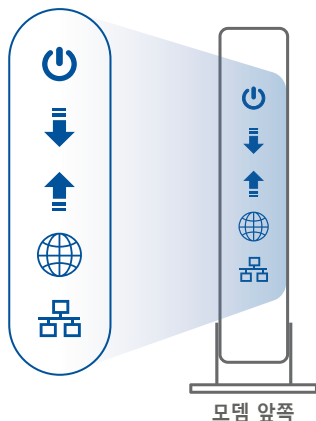


- 2 함께 제공된 네트워크 케이블로 모뎀을 라우터에 연결합니다.
- 3 모뎀을 켭니다. 모뎀을 전원 콘센트에 연결한 다음 켭니다.



- 4 모뎀 LED 표시등을 보고 연결이 활성화되었는지 확인합니다.

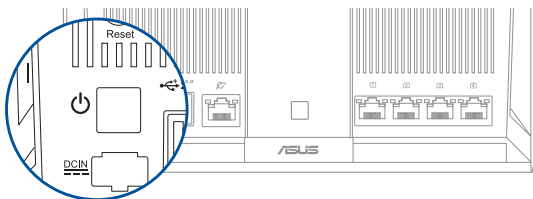
- 1 인터넷용 DSL를 사용하는 경우 라우터를 올바르게 구성하려면 인터넷 서비스 제공자 (ISP)에서 제공한 사용자 이름/비밀번호가 필요합니다.



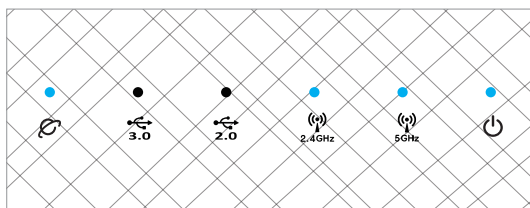
## 02 장치 연결하기

- 1 라우터를 켭니다.

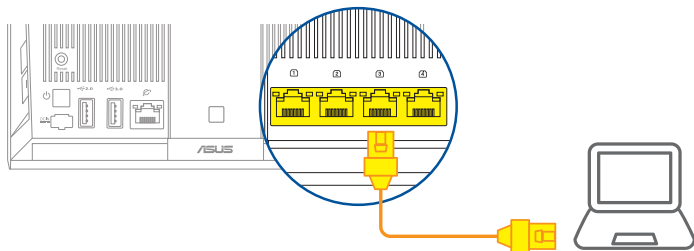
전원 플러그를 연결한 다음 라우터 뒤쪽에 있는 전원 버튼을 누릅니다.



- 2 하드웨어 연결 준비가 되었는지 알려면 WAN 및 2.4GHz/5GHz LED 조명 상태를 확인합니다.



- 3 추가 네트워크 케이블로 PC를 라우터에 연결합니다.



## 03 로그인해서 연결하기

- 1 웹 브라우저를 엽니다.

ASUS 설치 마법사로 안내됩니다. 안내되지 않을 경우 탐색해서 <http://router.asus.com>로 가십시오.



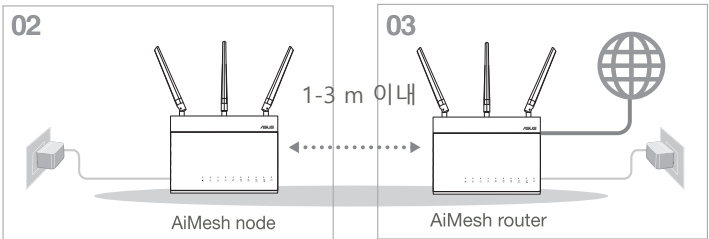
# AiMesh 설정 단계

## 01 준비

설정 과정이 진행되는 중에는 AiMesh 라우터와 노드 간 간격이 1 ~ 3m 이내에 있도록 하십시오.

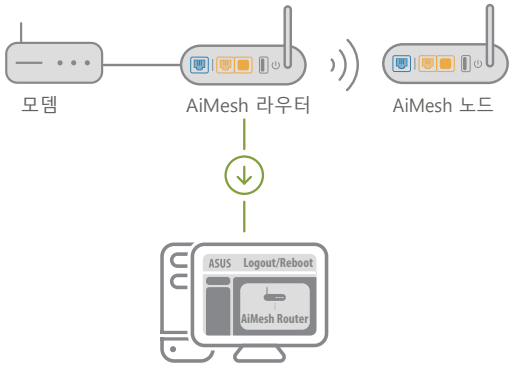
## 02 AiMesh 노드

공장기본 설정상태입니다. AiMesh 시스템 설정을 위해 전원 켜기 및 Standby(대기)로 유지 합니다.



## 03 AiMesh 라우터

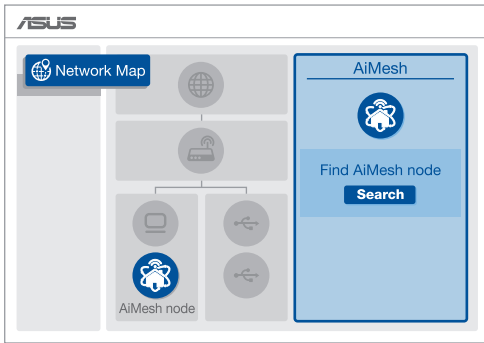
① **ONE ROUTER SETUP STEPS(라우터 한 대 설정 단계)**를 참조해서 AiMesh 라우터를 사용자 PC와 모뎀에 연결한 다음 웹 GUI에 로그인합니다.





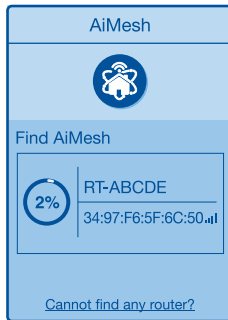
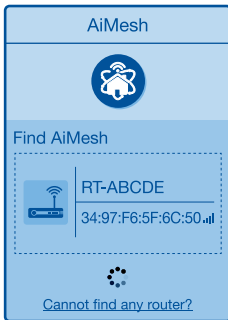
② 네트워크 맵페이지로 가서 Aimesh 아이콘을 클릭한 다음 확장 하려는 Aimesh node(노드)를 검색 합니다.

\*\* 여기에서 AiMesh 아이콘을 찾을 수 없을 경우 펌웨어 버전을 클릭해서 펌웨어를 업데이트하십시오.

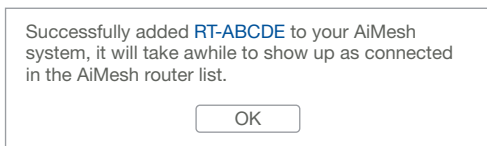


③ Search(검색)를 클릭하면 AiMesh 노드가 자동으로 검색됩니다. 이 페이지에 AiMesh 노드가 표시되면 표시된 노드를 클릭해서 AiMesh 시스템에 추가하십시오.

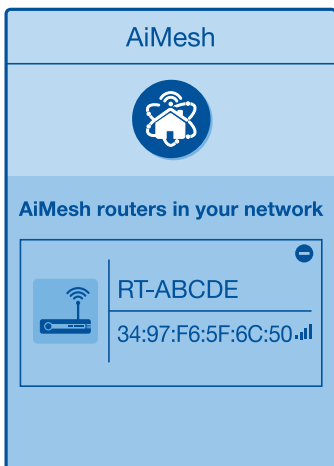
\*\* 어떤 AiMesh 노드도 찾을 수 없다면 **TROUBLE SHOOTING(문제해결)**으로 가십시오.



- 4 동기화가 완료되면 화면에 메시지가 표시됩니다.



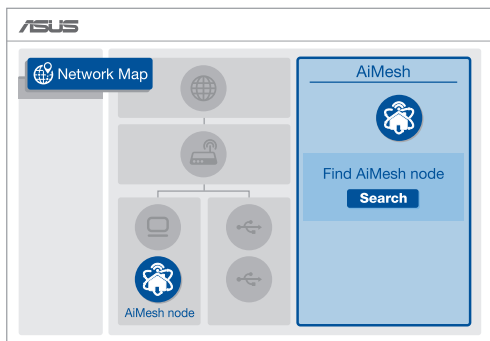
- 5 축하합니다! AiMesh 노드를 AiMesh 네트워크에 추가하는 데 성공하면 아래와 같은 페이지가 나타나게 됩니다.



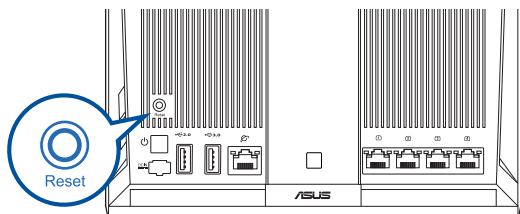
# 문제해결

AiMesh 라우터가 근처에 있는 어떤 AiMesh 노드도 찾지 못하거나 동기화에 실패한 경우 다음 사항을 점검한 다음 다시 시도해 보십시오.

- a AiMesh 노드를 옮겨서 AiMesh 라우터와의 간격을 좁힙니다. 이때 간격은 1 ~ 3 m 이내이어야 합니다.
- b AiMesh 노드가 켜져 있어야 합니다.
- c AiMesh 노드가 AiMesh 지원 펌웨어로 업그레이드되어야 합니다.
  - i AiMesh 지원 펌웨어를 다음에서 다운로드합니다. <https://www.asus.com/AiMesh/>
  - ii AiMesh 노드를 켜고 네트워크 케이블을 이용해서 노드를 PC에 연결합니다.
  - iii 웹 GUI를 불러옵니다. ASUS 설치 마법사로 안내됩니다. 안내되지 않을 경우 탐색해서 <http://router.asus.com>로 가십시오.
  - iv **Administration(관리) > Firmware Upgrade(펌웨어 업그레이드)**로 갑니다. **Choose File (파일 선택)**을 클릭한 다음 AiMesh 지원 펌웨어를 업로드합니다.
  - v 펌웨어 업로드가 완료되면 네트워크 맵 페이지로 이동해서 AiMesh 아이콘이 표시되었는지 여부를 확인하십시오.



- vi AiMesh 노드에 있는 초기화 버튼을 5초 이상 누릅니다. 전원 LED가 느리게 깜박거리면 초기화 버튼에서 손을 뗍니다.



# 위치 변경

## 최상의 성능

AiMesh 라우터와 노드에 최적합한 장소를 찾으십시오.



**참고:** 전파 간섭을 최소화하려면 무선 전화기, 블루투스 장치, 전자레인지와 같은 장치 근처에 라우터를 두지 마십시오.

라우터를 넓고 트인 공간에 놓을 것을 권장합니다.

## ASUS 라우터 앱

ASUS 라우터 앱을 무료로 다운로드해서 라우터를 설정하거나 관리할 수 있습니다.

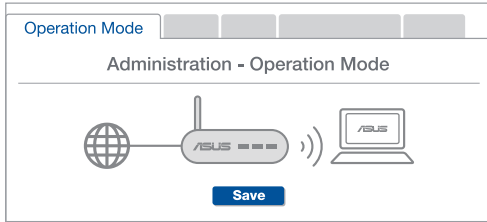
ASUS Router



# FAQ 자주 묻는 질문

Q1 AiMesh 라우터가 Access Point mode(액세스 포인트 모드)를 지원합니까?

**A: 예.** AiMesh 시스템은 처리량과 안정성을 극대화할 수 있도록 AiMesh 라우터와 노드 간 유선 연결과 무선 연결을 모두 지원합니다. 웹 GUI (<http://router.asus.com>)로 가서 **Administration(관리) > Operation Mode(작동 모드)** 페이지로 들어가십시오.



Q2 AiMesh 라우터(이더넷 백홀) 간에 무선 연결을 설정할 수 있습니까?

**A: 예.** AiMesh 시스템은 처리량과 안정성을 극대화할 수 있도록 AiMesh 라우터 간 유선 연결과 무선 연결 둘 다를 지원합니다. AiMesh는 사용 가능한 모든 주파수 대역의 무선 신호 강도를 분석한 다음 무선과 유선 중 어떤 연결이 라우터간 연결 백본으로 사용하기에 적합한지를 자동으로 결정합니다.

- 1 먼저 설정 순서에 따라 Wi-Fi를 통해 AiMesh 라우터와 노드 간 연결을 구축하십시오.
- 2 통신 범위를 최대화할 수 있는 위치에 노드를 설치합니다. AiMesh 라우터의 LAN 포트에서 AiMesh 노드의 WAN 포트에 이더넷 케이블을 연결합니다.

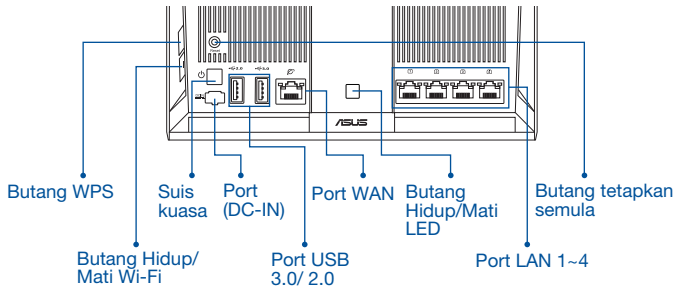


- 3 AiMesh 시스템이 유선과 무선 중에서 데이터 전송에 적합한 경로를 자동으로 선택하게 됩니다.

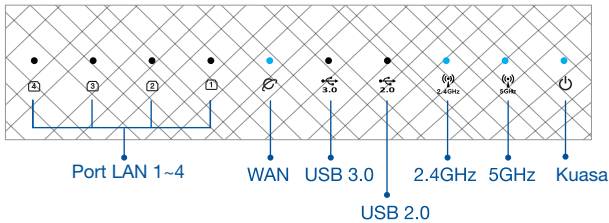
# Penerangan Perkakasan

- 1 Palam masuk penyusui ke dalam port DCIN dan tekan butang kuasa.
- 2 LED Kuasa, 2.4GHz/5GHz akan menyala apabila perkakasan anda sedia.

## Penerangan Butang



## Penerangan LED



### BUTANG TETAP SEMULA

Tetapkan semula sistem ke lalai kilangnya.

### PORT WAN

Sambung modem anda ke port ini dengan kabel rangkaian.

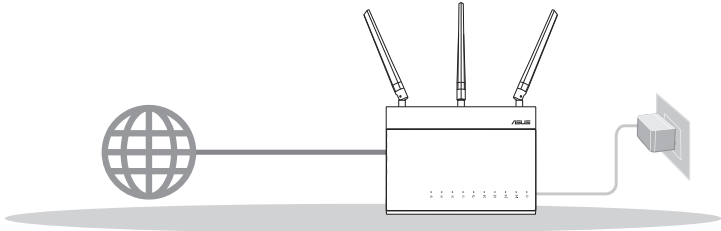
### Port LAN 1-4

Sambung PC anda ke port LAN dengan kabel rangkaian.

# SEBELUM TETAPAN

## 01 Bersedia untuk menyediakan penghala sendiri

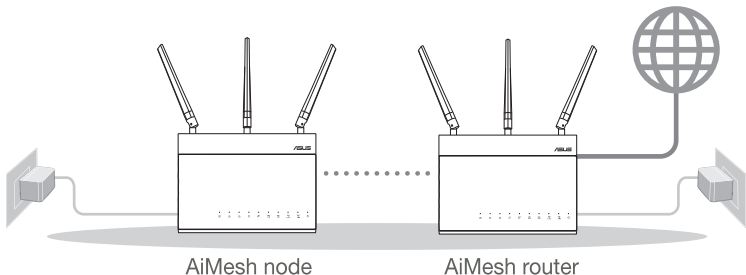
- 1 Pergi ke **LANGKAH PENYEDIAAN SATU PENGHALA.**



### PENYEDIAAN SATU PENGHALA

## 02 Bersedia untuk menyediakan sistem Wi-Fi AiMesh

- 1 Dua (2) penghala ASUS (model yang menyokong AiMesh <https://www.asus.com/AiMesh/>).
- 2 Tetapkan satu sebagai penghala AiMesh dan satu lagi sebagai nod AiMesh.  
\*\* Jika anda mempunyai berbilang penghala AiMesh, kami mengesyorkan anda menggunakan penghala dengan spesifikasi tertinggi sebagai penghala AiMesh anda dan yang lain sebagai nod AiMesh.
- 3 Pergi ke **LANGKAH-LANGKAH PENYEDIAAN AiMesh.**



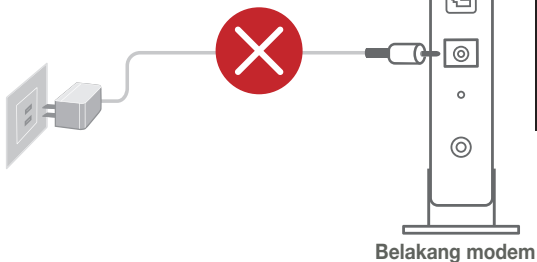
### LANGKAH-LANGKAH PENYEDIAAN AiMesh



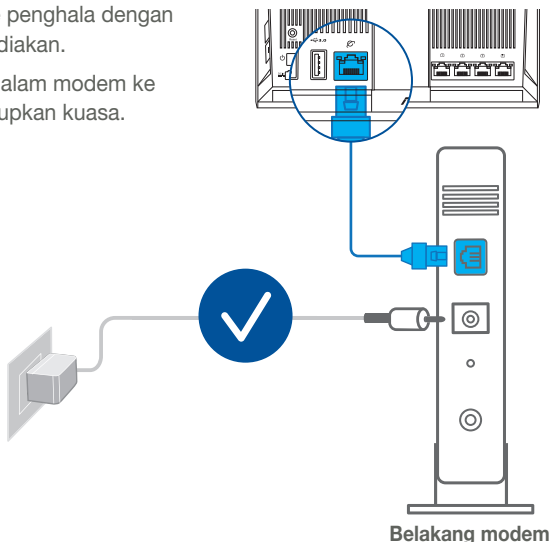
# LANGKAH-LANGKAH PENYEDIAAN SATU PENGHALA KAMI MENCADANGKAN

## 01 Menyediakan modem anda

- 1 Cabut palam kabel kuasa/modem DSL. Jika ia mempunyai sandaran bateri, keluarkan bateri. **i**

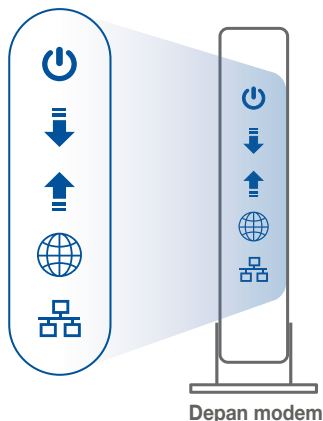


- 2 Sambung modem anda ke penghala dengan kabel rangkaian yang disediakan.
- 3 Hidupkan kuasa modem. Palam modem ke salur keluar kuasa dan hidupkan kuasa.



- 4 Semak lampu LED modem anda untuk memastikan sambungan adalah aktif.

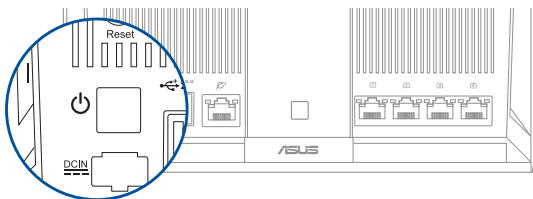
- 1 Jika anda menggunakan DSL untuk Internet, anda akan memerlukan nama pengguna/kata laluan anda daripada Pembekal Perkhidmatan Internet (ISP) anda untuk mengkonfigurasi penghalang dengan betul.



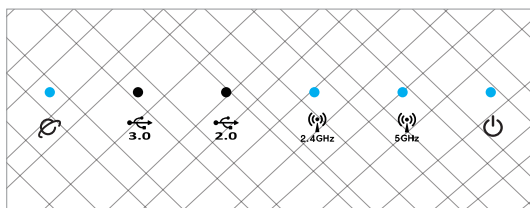
## 02 Sambung Peranti anda

- 1 Hidupkan kuasa penghalang.

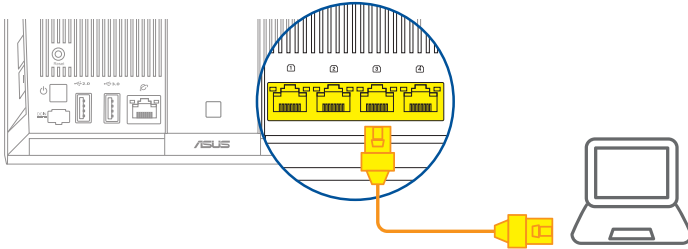
Palam masuk dan tekan butang kuasa di belakang penghalang anda.



- 2 Periksa lampu LED WAN dan 2.4GHz/5GHz untuk memastikan sambungan perkakasan sedia.



- 3 Sambung PC anda ke penghala menggunakan kabel rangkaian tambahan.



## 03 Log Masuk dan Sambung

- 1 Buka penyemak imbas web.

Anda akan dihalakan semula ke Wizard Penyediaan ASUS. Jika tidak, navigasi ke <http://router.asus.com>.



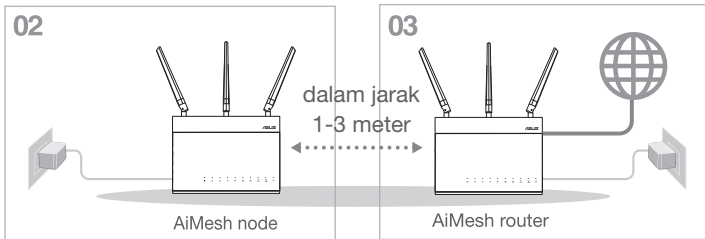
# LANGKAH-LANGKAH PENYEDIAAN AiMesh

## 01 Sediakan

Letakkan penghala dan nod AiMesh anda dalam jarak 1-3 meter di antara satu sama lain semasa proses penyediaan.

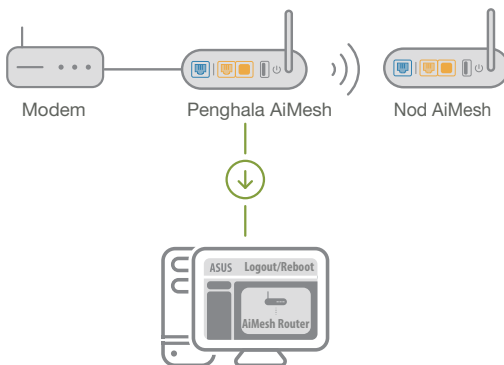
## 02 Nod AiMesh

Status lalai kilang. Kekalkan kuasa hidup dan tunggu sedia untuk tetapan sistem AiMesh.



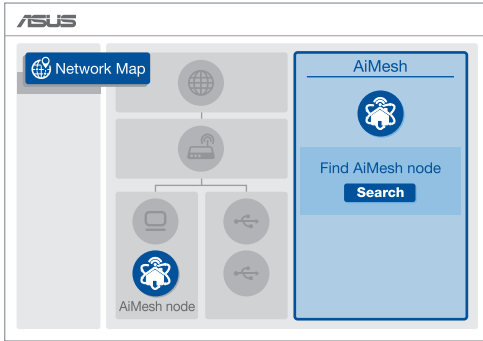
## 03 Penghala AiMesh

- 1 Rujuk **LANGKAH PENYEDIAAN SATU PENGHALA** untuk menyambungkan penghala AiMesh anda ke PC dan modem anda, dan kemudian log masuk ke GUI web.



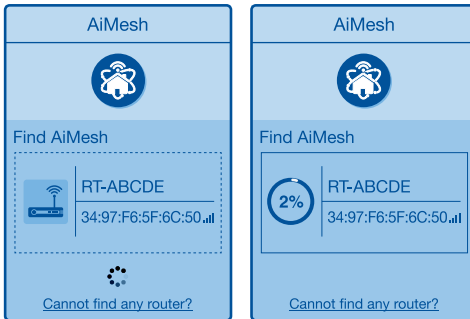
- 2 Pergi ke halaman Peta Rangkaian, klik ikon AiMesh dan kemudian, Cari nod AiMesh lanjutan anda.

\*\* Jika anda tidak menemui ikon AiMesh di sini, klik pada versi perisian tegar dan kemas kini perisian tegar.



- 3 Klik **Cari**, ia akan mencari nod AiMesh anda secara automatik. Apabila nod AiMesh muncul pada halaman ini, kliknya untuk menambahnya ke sistem AiMesh.

\*\* Jika anda tidak menemui sebarang nod AiMesh, sila pergi ke **PENYELESAIAN MASALAH**.

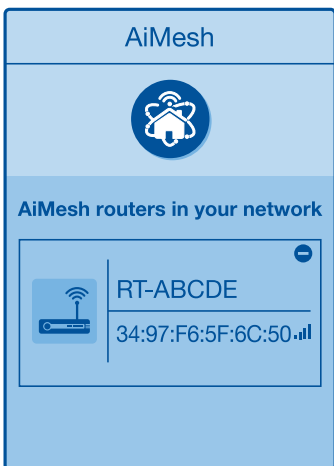


- 4 Satu mesej dipaparkan apabila penyegerakan lengkap.

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

OK

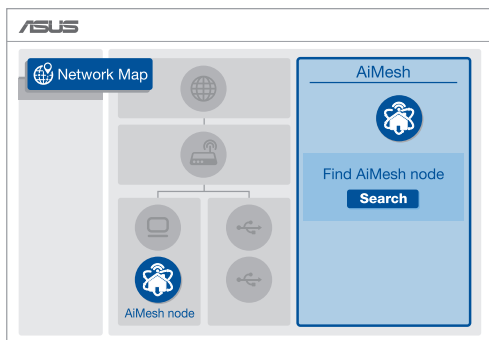
- 5 Tahniah! Anda akan menemui halaman di bawah muncul apabila nod AiMesh telah berjaya ditambahkan ke rangkaian AiMesh.



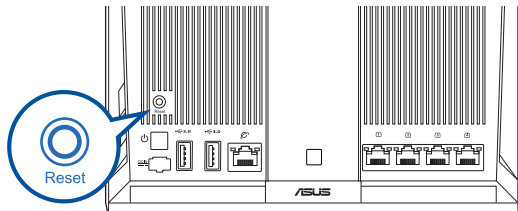
# PENYELESAIAN MASALAH

Jika penghalang AiMesh anda tidak menemui sebarang nod AiMesh yang berdekatan atau penyegerakan gagal, sila semak perkara berikut dan cuba lagi.

- a Alihkan nod AiMesh anda lebih hampir dengan penghalang AiMesh dengan sempurna. Pastikan ia dalam jarak 1-3 meter.
- b Kuasa nod AiMesh anda dihidupkan.
- c Nod AiMesh anda dinaik taraf ke perisian tegar yang disokong AiMesh.
  - i Muat turun AiMesh - perisian tegar yang disokong di: <https://www.asus.com/AiMesh/>
  - ii Hidupkan kuasa nod AiMesh anda dan sambungkannya ke PC anda melalui kabel rangkaian.
  - iii Lancarkan GUI web. Anda akan dihalakan semula ke Wizard Penyediaan ASUS. Jika tidak, navigasi ke <http://router.asus.com>
  - iv Pergi ke **Administration (Pentadbiran) > Firmware Upgrade (Naik Taraf Perisian Tegar)**. Klik pada **Choose File (Pilih Fail)** dan muat naik perisian tegar yang disokong AiMesh.
  - v Selepas perisian tegar dimuat naik, sila pergi ke halaman Peta Rangkaian untuk mengesahkan sama ada ikon AiMesh muncul.



- vi Tekan butang tetapkan semula pada nod AiMesh anda selama sekurang-kurangnya 5 saat. Lepaskan butang tetapkan semula apabila LED kuasa berkelip perlahan-lahan.





# PENEMPATAN SEMULA

## PRESTASI TERBAIK

Letakkan penghala dan nod AiMesh di tempat terbaik.



**NOTA:** Bagi meminimumkan gangguan, jauhkan penghala daripada peranti seperti telefon tanpa kord, peranti Bluetooth dan ketuhar gelombang mikro.

Kami mengesyorkan anda meletakkan penghala di lokasi yang terbuka atau luas.

## APLIKASI PENGHALA ASUS

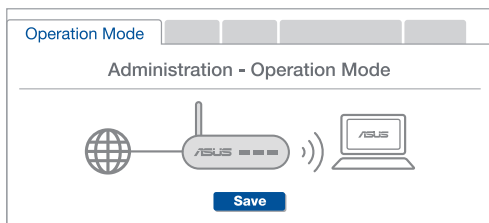
Muat turun APLIKASI Penghala ASUS percuma untuk menyediakan dan menguruskan penghala anda.



# FAQ Soalan Lazim

**S1** Adakah penghala AiMesh menyokong mod Titik Capaian?

**J: Ya.** Anda boleh memilih untuk menetapkan penghala AiMesh sebagai mod penghala atau mod titik capaian. Sila pergi ke GUI web (<http://router.asus.com>) dan pergi ke halaman **Administration (Pentadbiran) > Operation Mode (Mod Operasi)**.



**S2** Bolehkah saya menyediakan sambungan berwayar di antara penghala AiMesh (Angkut balik Ethernet)?

**J: Ya.** Sistem AiMesh menyokong kedua-dua sambungan wayarles dan berwayar di antara penghala dan nod AiMesh untuk memaksimumkan daya pemrosesan dan kestabilan. AiMesh menganalisis kekuatan isyarat wayarles untuk setiap jalur frekuensi yang tersedia dan kemudian, tentukan secara automatik sama ada sambungan wayarles atau berwayar adalah terbaik untuk disediakan sebagai tulang belakang sambungan antara penghala.

- 1 Ikuti langkah-langkah penyediaan untuk mewujudkan sambungan antara penghala dan nod AiMesh melalui Wi-Fi dahulu.
- 2 Letakkan nod dalam lokasi ideal untuk liputan terbaik. Jalankan kabel Ethernet daripada port LAN penghala AiMesh ke port WAN nod AiMesh.

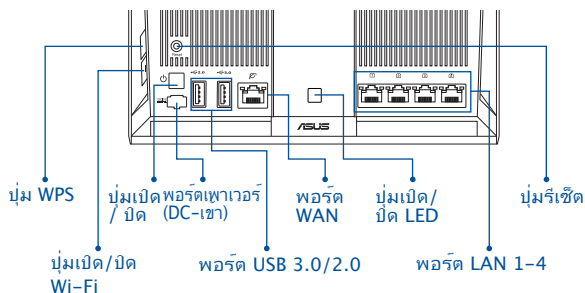


- 3 Sistem AiMesh akan secara automatik memilih laluan terbaik untuk penghantaran data, sama ada berwayar atau wayarles.

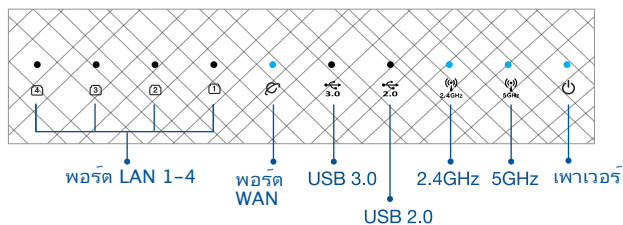
# คำอธิบายฮาร์ดแวร์

- 1 เสียบอะแดปเตอร์เข้ากับพอร์ต DCIN และกดปุ่มพาวเวอร์
- 2 ไฟ LED 2.4GHz/5GHz ของพาวเวอร์จะสว่างขึ้นเมื่อฮาร์ดแวร์พร้อมใช้งาน

## คำอธิบายปุ่มกดต่างๆ



## คำอธิบายไฟ LED



### RESET BUTTON (ปุ่มรีเซ็ต)

รีเซ็ตระบบกลับเป็นค่าเริ่มต้นจากโรงงาน

### WAN PORT (พอร์ท WAN)

เชื่อมต่อโมเด็มของคุณเข้ากับพอร์ทนี้ด้วยสายเคเบิลเครือข่าย

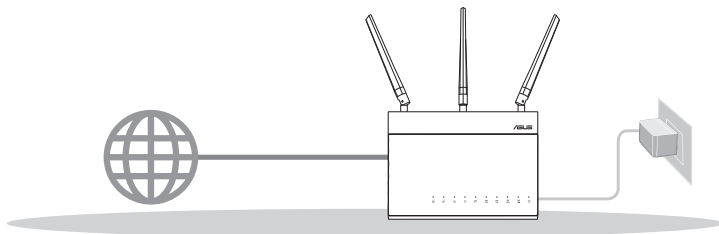
### LAN PORT 1-4 (พอร์ท LAN 1-4)

เชื่อมต่อ PC ของคุณเข้ากับพอร์ทนี้ด้วยสายเคเบิลเครือข่าย

# ก่อนทำการตั้งค่า

## 01 การเตรียมพร้อมในการตั้งค่าเราเตอร์แบบ สแตนด์ออล

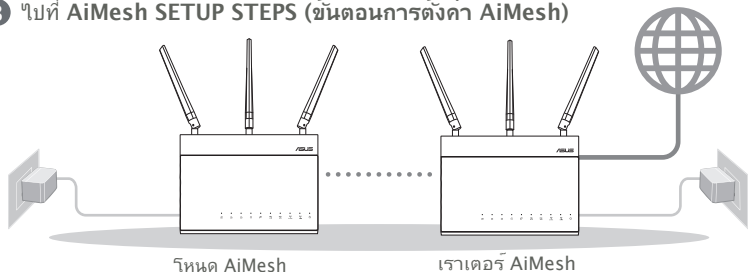
- 1 ไปที่ ONE ROUTER SETUP STEPS (ขั้นตอนการตั้งค่าเราเตอร์เดี่ยว)



การตั้งค่าเราเตอร์เดี่ยว

## 02 การเตรียมพร้อมในการตั้งค่าระบบ Wi-Fi ของ AiMesh

- 1 ASUS เราเตอร์สอง (2) เครื่อง (รุ่นที่รองรับ AiMesh <https://www.asus.com/AiMesh/>)
- 2 กำหนดให้เราเตอร์หนึ่งเครื่องเป็นเราเตอร์ AiMesh และอีกหนึ่งเครื่องเป็นโหนด AiMesh  
\*\* หากคุณมีเราเตอร์ AiMesh หลายเครื่อง เราขอแนะนำให้ใช้เราเตอร์ที่มีประสิทธิภาพสูงสุดเป็นเราเตอร์ AiMesh และอีกเครื่องเป็นโหนด AiMesh
- 3 ไปที่ AiMesh SETUP STEPS (ขั้นตอนการตั้งค่า AiMesh)



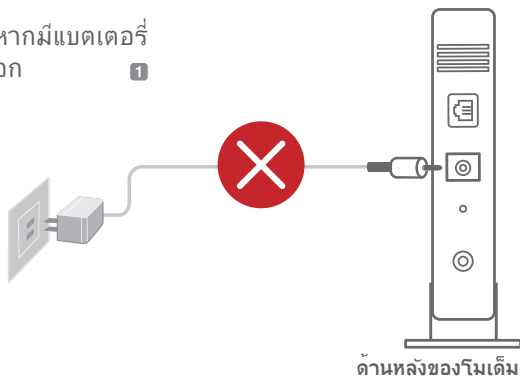
ขั้นตอนการตั้งค่า AiMesh

# ขั้นตอนการตั้งค่าเราเตอร์เดียว

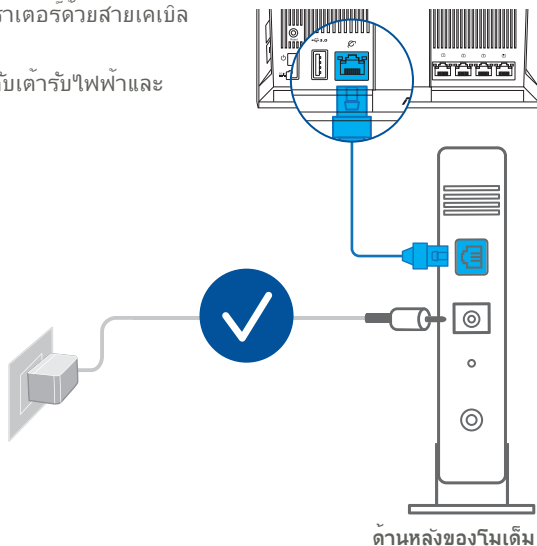
## เราแนะนำให้...

### 01 การเตรียมโมเด็ม

- 1 ถอดสายไฟ/โมเด็ม DSL หากมีแบตเตอรี่สำรอง ให้ถอดแบตเตอรี่ออก

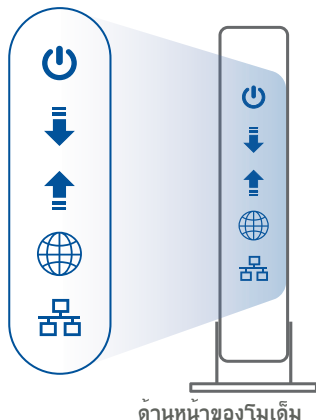


- 2 เชื่อมต่อโมเด็มของคุณกับเราเตอร์ด้วยสายเคเบิลเครือข่าย
- 3 เปิดโมเด็ม เสียบโมเด็มเข้ากับตัวรับไฟฟ้าและเปิดเครื่อง



4 ตรวจสอบไฟ LED โคมเด็ม เพื่อให้แน่ใจว่าการเชื่อมต่อทำงานอยู่

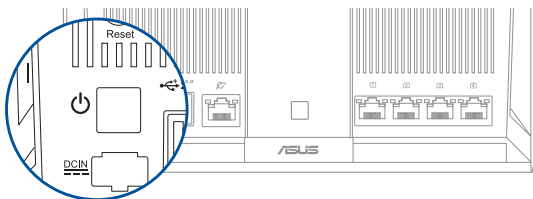
1 หากคุณใช้ DSL สำหรับอินเทอร์เน็ต คุณต้องมีชื่อผู้ใช้/รหัสผ่านจากผู้ให้บริการอินเทอร์เน็ต (ISP) เพื่อกำหนดค่าเราเตอร์ อย่างถูกต้อง



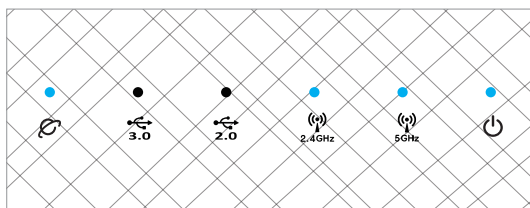
## 02 เชื่อมต่ออุปกรณ์ของคุณ

1 เปิดเราเตอร์

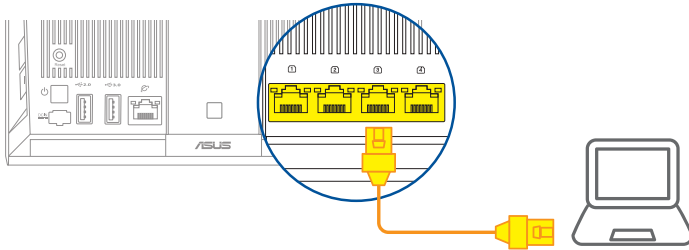
เสียบปลั๊กและกดปุ่มเพาเวอร์ที่ด้านหลังของเราเตอร์ของคุณ



2 ตรวจสอบไฟ LED ของ WAN และ 2.4GHz/5GHz เพื่อให้แน่ใจว่าการเชื่อมต่อฮาร์ดแวร์พร้อมใช้งาน



- 3 เชื่อมต่อ PC ของคุณเข้ากับเราเตอร์ด้วยสายเคเบิลเครือข่ายเสริม



## 03 ล็อกอินและเชื่อมต่อ

- 1 เปิดเว็บเบราว์เซอร์

คุณจะถูกนำทางไปยัง ASUS Setup Wizard (วิซาร์ดการตั้งค่า ASUS) หากไม่มีการนำทาง ให้ไปยัง <http://router.asus.com>



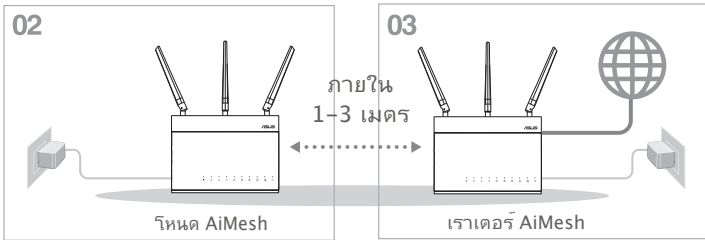
# ขั้นตอนการตั้งค่า AiMesh

## 01 จัดเตรียม

วางเราเตอร์และโหนด AiMesh ของคุณไว้ภายในระยะ 1-3 เมตรระหว่างขั้นตอนการตั้งค่า

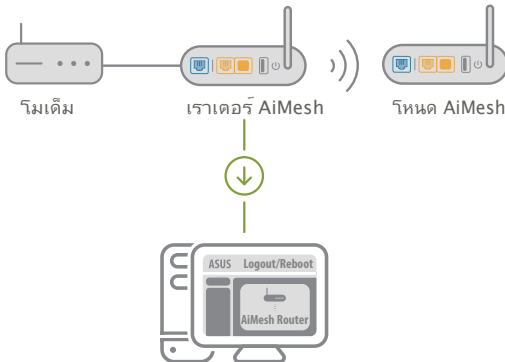
## 02 โหนด AiMesh

สถานะค่าเริ่มต้นจากโรงงาน เปิดเครื่องและสแตนด์บายไว้สำหรับการตั้งค่าระบบ AiMesh



## 03 เราเตอร์ AiMesh

1 ดูที่ ONE ROUTER SETUP STEPS (ขั้นตอนการตั้งค่าเราเตอร์เดียว) เพื่อเชื่อมต่อเราเตอร์ AiMesh เข้ากับ PC และพิมพ์คีย์ของคุณ จากนั้นล็อกอินเข้าไปในเว็บ GUI

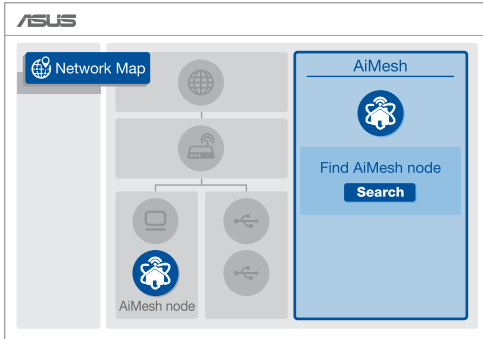




2 ไปที่หน้า Network Map (แผนผังเครือข่าย) คลิกไอคอน AiMesh จากนั้นค้นหาโหนด

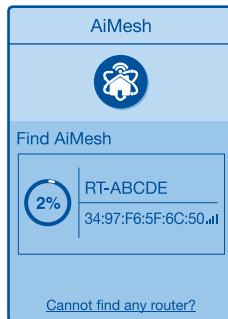
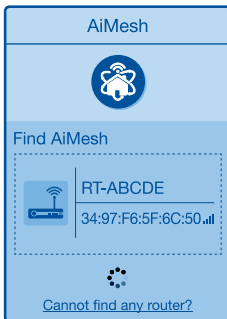
AiMesh ที่ต่อพ่วงไว้

\*\* หากคุณไม่สามารถค้นหาไอคอน AiMesh ได้จากที่นี้ คลิกที่เวอร์ชันเฟิร์มแวร์และอัปเดตเฟิร์มแวร์



3 คลิก Search (ค้นหา) ซึ่งจะค้นหาโหนด AiMesh ของคุณโดยอัตโนมัติ เมื่อโหนด AiMesh แสดงบนหน้านี้ คลิกที่โหนดเพื่อเพิ่มเข้าไปในระบบ AiMesh

\*\* หากคุณไม่พบโหนด AiMesh ใด ๆ ไปที่ TROUBLE SHOOTING (การแก้ไขปัญหา)

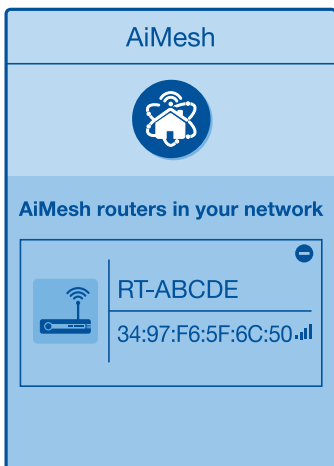


4 ข้อความจะปรากฏขึ้นเมื่อการซิงโครไนส์เสร็จสิ้น

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

OK

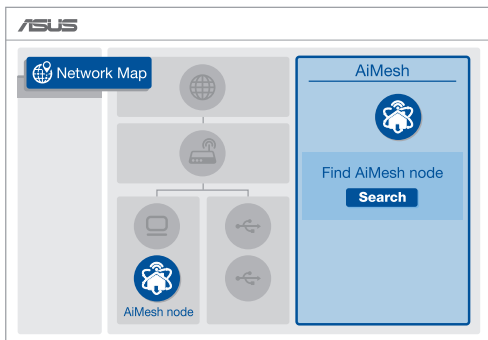
5 ขอแสดงความยินดี! คุณจะพบหน้าเว็บด้านล่างที่แสดงขึ้นเมื่อโหนด AiMesh ใต้รับการเพิ่มเข้าไปในเครือข่าย AiMesh เรียบร้อยแล้ว



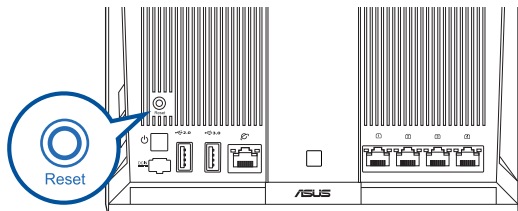
# การแก้ไขปัญหา

ถ้าเราเตอร์ AiMesh ของคุณไม่สามารถค้นหาโหนด AiMesh ใกล้เคียง หรือการซิงโครไนซ์ล้มเหลว กรุณาตรวจสอบสิ่งต่อไปนี้และลองอีกครั้ง

- a ย้ายโหนด AiMesh ของคุณเข้าใกล้กับเราเตอร์ AiMesh มากขึ้น ตรวจสอบให้แน่ใจว่าภายใน 1-3 เมตร
- b โหนด AiMesh ของคุณเปิดอยู่
- c โหนด AiMesh ของคุณได้รับการอัปเดตเป็นเฟิร์มแวร์ที่ได้รับการสนับสนุนของ AiMesh
  - i ดาวน์โหลดเฟิร์มแวร์ที่ได้รับการสนับสนุนของ AiMesh ได้ที่ <https://www.asus.com/AiMesh/>
  - ii เปิดโหนด AiMesh และเชื่อมต่อกับ PC ของคุณผ่านสายเคเบิลเครือข่าย
  - iii เปิดเว็บ GUI คุณจะถูกนำทางไปยัง ASUS Setup Wizard (วิซาร์ดการตั้งค่า ASUS) หากไม่ นำทางไปยัง <http://router.asus.com>
  - iv ไปที่ **Administration (การจัดการ) > Firmware Upgrade (อัปเดตเฟิร์มแวร์)** คลิกที่ **Choose File (เลือกไฟล์)** และอัปโหลดเฟิร์มแวร์ที่ได้รับการสนับสนุนของ AiMesh
  - v หลังจากอัปโหลดเฟิร์มแวร์แล้ว โปรดไปที่หน้า Network Map (แผนผังเครือข่าย) เพื่อยืนยันว่าโหนด AiMesh ปรากฏขึ้นหรือไม่



- vi กดปุ่มรีเซ็ตบนหน้าจอ AiMesh เป็นเวลาอย่างน้อย 5 วินาที ปลดปล่อยปุ่มรีเซ็ตเมื่อ LED พาวเวอร์กำลังกะพริบอย่างช้า ๆ



# การจัดวางตำแหน่งที่ตั้งใหม่ ประสิทธิภาพที่ดีที่สุด

จัดวางเราเตอร์และโหนด AiMesh ไว้ในตำแหน่งที่ดีที่สุด



**หมายเหตุ:** เพื่อลดสัญญาณรบกวน ให้เก็บ เราเตอร์ห่างจากอุปกรณ์ต่าง ๆ เช่น โทรศัพทไร้สาย อุปกรณ์บลูทูธ และเดาอบไมโครเวฟ เราขอแนะนำให้คุณวางเราเตอร์ไว้ในที่โล่งกว้าง

## แอป ASUS เราเตอร์

ดาวน์โหลดแอป ASUS เราเตอร์เพื่อตั้งค่าและจัดการเราเตอร์ของคุณ

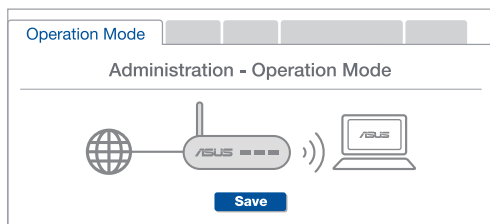
🔍 ASUS Router



# FAQ คำถามที่ถามบ่อย

## คำถาม 1

เราเตอร์ AiMesh รองรับโหมด Access Point หรือไม่  
**ตอบ:** ใช่ คุณสามารถเลือกที่จะตั้งค่าเราเตอร์ AiMesh เป็นโหมดเราเตอร์หรือโหมด Access Point กรณณาไปที่เว็บ GUI (<http://router.asus.com>) และไปที่หน้า **Administration (การจัดการ) > Operation Mode (โหมดการใช้งาน)**



## คำถาม 2

ฉันสามารถตั้งค่าการเชื่อมต่อแบบมีสายระหว่างเราเตอร์ AiMesh (การส่งต่ออีเทอร์เน็ต) ใดหรือไม่

**ตอบ:** ใช่ ระบบ AiMesh สนับสนุนการเชื่อมต่อแบบไร้สายและแบบมีสายระหว่างเราเตอร์และโหนด AiMesh เพื่อเพิ่มอัตราการรับส่งข้อมูลและมีเสถียรภาพสูงสุด AiMesh วิเคราะห์ความแรงของสัญญาณแบบไร้สายสำหรับแต่ละคลื่นความถี่ที่พร้อมใช้งานจากนั้นจะกำหนดโดยอัตโนมัติว่าการเชื่อมต่อแบบไร้สายหรือแบบมีสายเป็นวิธีที่ดีที่สุดในการทำหน้าที่เป็นระบบหลักของการเชื่อมต่อระหว่างเราเตอร์

- ❶ ทำตามขั้นตอนการตั้งค่าเพื่อสร้างการเชื่อมต่อระหว่างเราเตอร์กับโหนด AiMesh ผ่าน Wi-Fi ก่อน
- ❷ วางโหนดไว้ในตำแหน่งที่เหมาะสมสำหรับการครอบคลุมของสัญญาณที่ดีที่สุด รันสายอีเทอร์เน็ตจากพอร์ต LAN ของเราเตอร์ AiMesh ไปยังพอร์ต WAN ของโหนด AiMesh

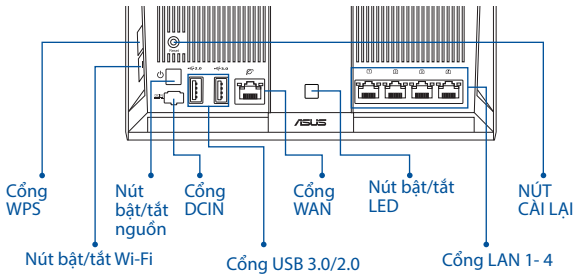


- ❸ ระบบ AiMesh จะเลือกพารที่ดีที่สุดสำหรับการส่งข้อมูล ไม่ว่าจะเป็นแบบไร้สายหรือแบบมีสาย

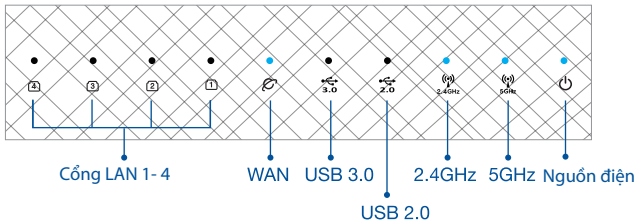
# Chú thích phần cứng

- 1 Cắm adapter vào cổng DCIN và nhấn nút nguồn.
- 2 Các đèn LED nguồn 2.4GHz/5GHz sẽ sáng lên khi phần cứng của bạn đã sẵn sàng.

## Chú thích nút



## Chú thích đèn LED



### NÚT CÀI LẠI

Cài hệ thống trở về các giá trị mặc định gốc.

### CỔNG WAN

Kết nối modem của bạn với cổng này bằng cáp mạng.

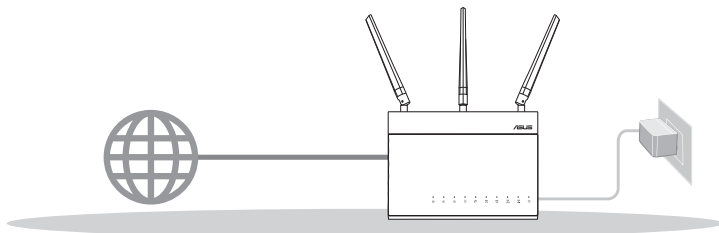
### CỔNG LAN 1-4

Kết nối máy tính của bạn với một cổng LAN bằng cáp mạng.

# TRƯỚC KHI THIẾT LẬP

## 01 Chuẩn bị thiết lập một router độc lập

- 1 Vào **CÁC BƯỚC THIẾT LẬP MỘT ROUTER.**



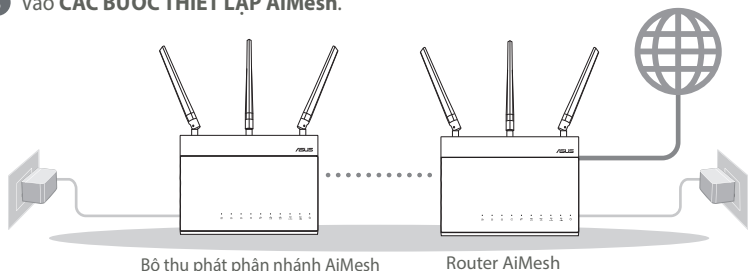
**THIẾT LẬP MỘT ROUTER**

## 02 Chuẩn bị thiết lập một hệ thống Wi-Fi AiMesh

- 1 Hai (2) router ASUS (các mẫu có hỗ trợ công nghệ AiMesh <https://www.asus.com/vn/AiMesh/>).
- 2 Gắn chiếc router thứ 1 làm router AiMesh và chiếc router còn lại làm bộ thu phát phân nhánh AiMesh.

\*\* Nếu bạn có nhiều router AiMesh, chúng tôi khuyên bạn nên sử dụng router có các thông số kỹ thuật cao nhất làm router AiMesh và các router khác làm bộ thu phát phân nhánh AiMesh.

- 3 Vào **CÁC BƯỚC THIẾT LẬP AiMesh.**



**CÁC BƯỚC THIẾT LẬP AiMesh**

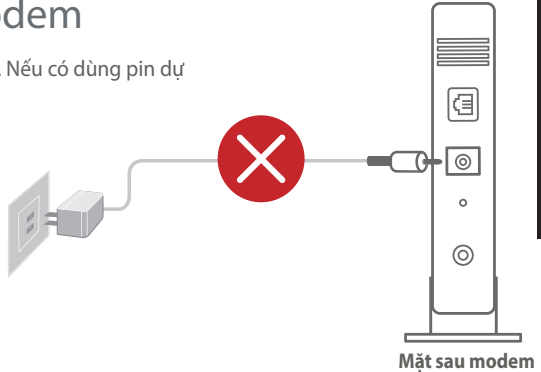


# CÁC BƯỚC THIẾT LẬP MỘT ROUTER

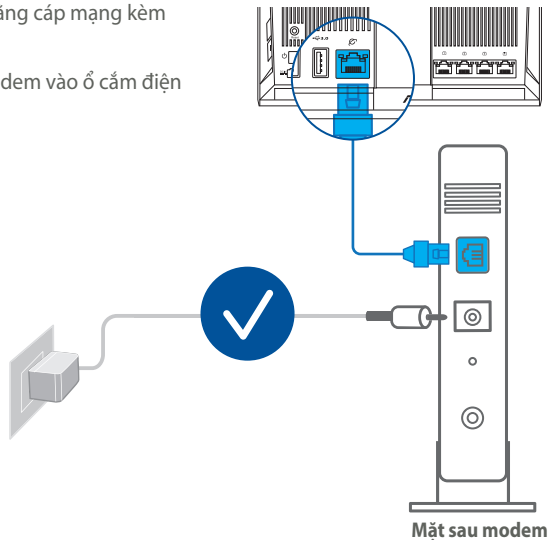
## CHÚNG TÔI ĐỀ NGHỊ...

### 01 Chuẩn bị modem

- 1 Ngắt cáp nguồn/modem DSL. Nếu có dùng pin dự phòng, hãy tháo pin ra. ❌

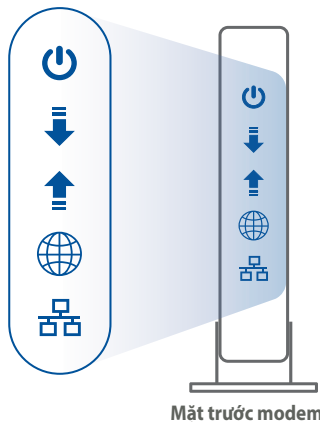


- 2 Kết nối modem với router bằng cáp mạng kèm theo.
- 3 Bật nguồn modem. Cắm modem vào ổ cắm điện và bật nguồn.



- 4 Kiểm tra ánh sáng đèn LED trên modem cáp/DSL để đảm bảo kết nối đang hoạt động.

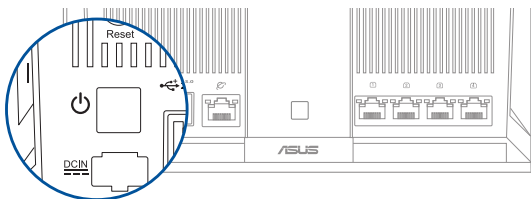
- 1 Nếu đang sử dụng DSL cho internet, bạn cần có tên người dùng/mật khẩu từ Nhà cung cấp Dịch vụ Internet (ISP) để thiết lập router đúng cách.



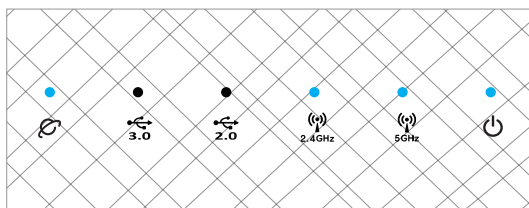
## 02 Kết nối thiết bị của bạn

- 1 Bật nguồn router:

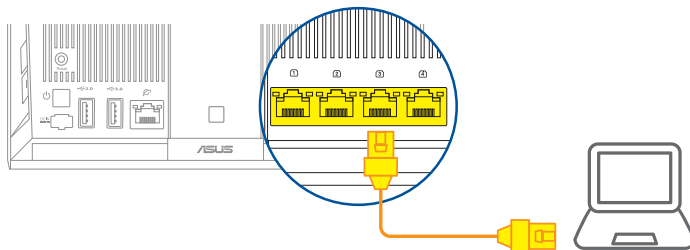
Cắm vào và nhấn nút nguồn ở phía sau router.



- 2 Kiểm tra các đèn LED WAN và 2.4GHz/5GHz để đảm bảo rằng kết nối phần cứng đã sẵn sàng.



- 3 Kết nối máy tính của bạn với router bằng cáp mạng bổ sung.



## 03 Đăng nhập và kết nối

- 1 Bật trình duyệt web.

Bạn sẽ được chuyển hướng sang ASUS Setup Wizard (Thuật sĩ thiết lập ASUS). Nếu không, hãy chuyển sang <http://router.asus.com>.



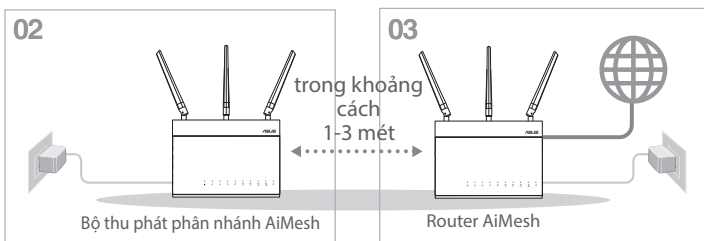
# CÁC BƯỚC THIẾT LẬP AiMesh

## 01 Chuẩn bị

Đặt router và bộ thu phát phân nhánh AiMesh cách nhau từ 1-3 mét trong quá trình thiết lập.

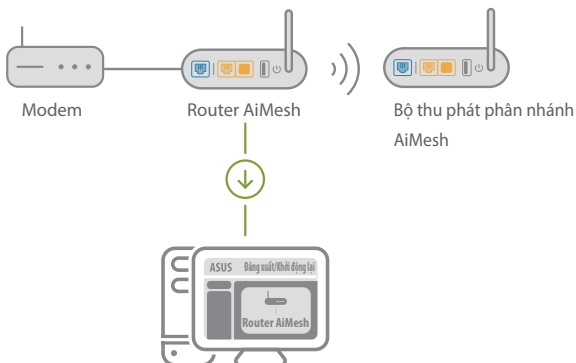
## 02 Bộ thu phát phân nhánh AiMesh

Trạng thái mặc định gốc. Duy trì bật nguồn và chờ các cài đặt hệ thống AiMesh.



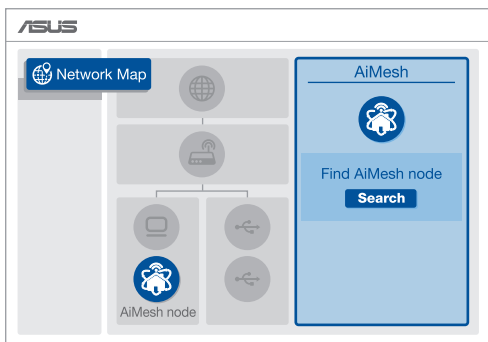
## 03 Router AiMesh

- 1 Tham khảo **CÁC BƯỚC THIẾT LẬP MỘT ROUTER** để biết cách kết nối router AiMesh với máy tính và modem, và sau đó đăng nhập vào GUI web.



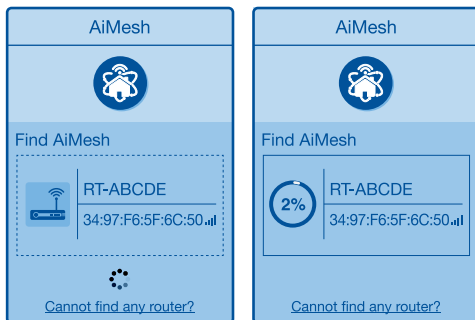
- 2 Vào trang Network Map (Bản đồ mạng), nhấp biểu tượng AiMesh và sau đó dò tìm bộ thu phát phân nhánh AiMesh mở rộng.

\*\* Nếu bạn không tìm thấy biểu tượng AiMesh ở đây, hãy nhấp vào phiên bản firmware và cập nhật nó.



- 3 Nhấp **Search (Dò tìm)**, nó sẽ tự động dò tìm bộ thu phát phân nhánh AiMesh của bạn. Khi bộ thu phát phân nhánh AiMesh hiển thị trên trang này, hãy nhấp nó để thêm vào hệ thống AiMesh.

\*\* Nếu bạn không thể tìm thấy bất bộ thu phát phân nhánh AiMesh nào, vui lòng vào **KHẮC PHỤC SỰ CỐ**.

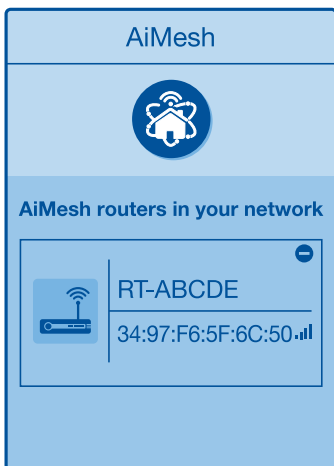


- 4 Một thông báo sẽ hiển thị khi quá trình đồng bộ hoàn tất.

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

OK

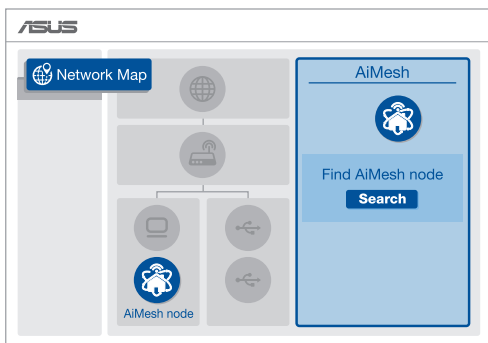
- 5 Xin chúc mừng! Bạn sẽ tìm thấy các trang sau đây hiển thị khi một bộ thu phát phân nhánh AiMesh đã được thêm thành công vào mạng AiMesh.



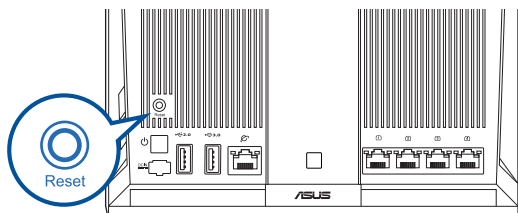
# KHẮC PHỤC SỰ CỐ

Nếu router AiMesh của bạn không thể tìm thấy bất kỳ bộ thu phát phân nhánh AiMesh nào gần đó hoặc quá trình đồng bộ hóa bị lỗi, hãy kiểm tra các mục sau và thử lại.

- a Di chuyển bộ thu phát phân nhánh AiMesh lại gần hơn với router AiMesh. Đảm bảo nó nằm trong khoảng cách 1-3 mét.
- b Bộ thu phát phân nhánh AiMesh sẽ được bật nguồn.
- c Bộ thu phát phân nhánh AiMesh sẽ được nâng cấp lên firmware hỗ trợ AiMesh.
  - i Tải về firmware có hỗ trợ AiMesh tại: <https://www.asus.com/vn/AiMesh/>.
  - ii Bật nguồn bộ thu phát phân nhánh AiMesh và kết nối nó với máy tính qua cáp mạng.
  - iii Bật GUI web. Bạn sẽ được chuyển hướng sang ASUS Setup Wizard (Thuật sĩ thiết lập ASUS). Nếu không, hãy chuyển sang <http://router.asus.com>.
  - iv Vào **Administration (Quản lý) > Firmware Upgrade (Nâng cấp firmware)**. Nhấp vào **Choose File (Chọn tập tin)** và tải lên firmware có hỗ trợ AiMesh.
  - v Sau khi tải lên firmware, hãy vào trang Network Map (Bản đồ mạng) để xác nhận xem biểu tượng AiMesh đã xuất hiện hay chưa.



- vi Nhấn nút reset (cài lại) ở chế độ AiMesh ít nhất trong 5 giây. Nhả nút reset khi đèn LED nguồn đang nhấp nháy chậm.





# BỔ TRÍ LẠI HIỆU SUẤT TỐT NHẤT

Bổ trí router và điểm phân nhánh AiMesh ở vị trí tiện lợi nhất



**LƯU Ý:** Để giảm thiểu nhiễu sóng, hãy đặt router cách xa các thiết bị như điện thoại di động, thiết bị Bluetooth và lò vi sóng.

Chúng tôi đề nghị bạn nên đặt router ở vị trí thông thoáng và rộng rãi.

## ỨNG DỤNG ROUTER ASUS

Tải về miễn phí Ứng dụng Router ASUS để thiết lập và quản lý (các) router của bạn.

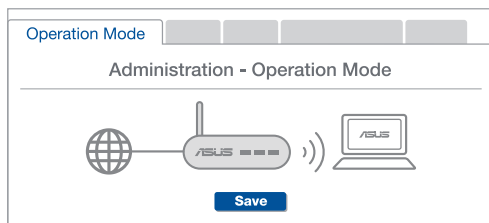
ASUS Router



## Hỏi 1

Router AiMesh có hỗ trợ chế độ Access Point (Bộ thu phát không dây)?

**Trả lời: Có.** Bạn có thể chọn thiết lập router AiMesh dưới dạng chế độ router hoặc chế độ bộ thu phát không dây. Vui lòng truy cập GUI web (<http://router.asus.com>) và vào trang **Administration (Quản lý)** > **Operation Mode (Chế độ hoạt động)**.



## Hỏi 2

Tôi có thể thiết lập kết nối có dây giữa các router AiMesh (Ethernet backhaul)?

**Trả lời: Có.** Hệ thống AiMesh hỗ trợ cả kết nối không dây và có dây giữa router và điểm phân nhánh AiMesh để tối đa hóa thông lượng và sự ổn định. AiMesh phân tích cường độ tín hiệu không dây cho mỗi băng tần có sẵn, và sau đó tự động xác định xem liệu kết nối không dây hoặc có dây có tối ưu để sử dụng như trung tâm kết nối giữa các router hay không.

- 1 Thực hiện theo các bước thiết lập để thiết lập kết nối giữa router và điểm phân nhánh AiMesh thông qua mạng Wi-Fi trước.
- 2 Đặt điểm phân nhánh ở vị trí lý tưởng để phủ sóng tốt nhất. Cắm cáp ethernet từ cổng LAN trên router AiMesh vào cổng WAN trên bộ thu phát phân nhánh AiMesh.



- 3 Hệ thống AiMesh sẽ tự động chọn đường dẫn tối ưu để truyền dữ liệu, dù là kết nối có dây hay không dây.

## ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for the detailed recycling information in different regions.

## REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/REACH.htm>

## Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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.



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**WARNING!** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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## Prohibition of Co-location

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

### IMPORTANT NOTE:

**Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirement, please follow operation instruction as documented in this manual.



**WARNING!** This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

## Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with Innovation, Science and Economic Development Canada licence exempt RSS standard(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.

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

CAN ICES-3(B)/NMB-3(B)

## Radio Frequency (RF) Exposure Information

The radiated output power of the ASUS Wireless Device is below the Innovation, Science and Economic Development Canada radio frequency exposure limits. The ASUS Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator any part of your body.

This device has been certified for use in Canada. Status of the listing in the Innovation, Science and Economic Development Canada's REL (Radio Equipment List) can be found at the following web address:

<https://www.ic.gc.ca/app/site/retel/srch/nwRdSrCh.do?lang=eng>

Additional Canadian information on RF exposure also can be found at the following web:

<https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

# Déclaration de conformité de Innovation, Sciences et Développement économique Canada (ISED)

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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5 150 – 5 250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

CAN ICES-3(B)/NMB-3(B)

## Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par cet appareil sans fil est inférieure à la limite d'exposition aux fréquences radio d'Innovation, Sciences et Développement économique du Canada (ISED). Utilisez l'appareil sans fil de façon à minimiser les contacts humains lors d'un fonctionnement normal.

Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

L'utilisation de cet appareil est autorisée au Canada. Pour consulter l'entrée correspondant à l'appareil dans la liste d'équipement radio (REL - Radio Equipment List) d'Innovation, Sciences et Développement économique du Canada, rendez-vous sur :

<https://www.ic.gc.ca/app/site/retel/srch/nwRdSrch.do?lang=eng>

Pour des informations supplémentaires concernant l'exposition aux fréquences radio au Canada, rendez-vous sur : <https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

## 屋外での使用について

本製品は、5GHz 帯域での通信に対応しています。電波法の定めにより5.2GHz、5.3GHz 帯域の電波は屋外で使用が禁じられています。

## 法律および規制遵守

本製品は電波法及びこれに基づく命令の定めるところに従い使用してください。日本国外では、その国の法律または規制により、本製品を使用ができません。このような国では、本製品を運用した結果、罰せられることがあります。当社は一切責任を負いかねますのでご了承ください。

## VCCI: Japan Compliance Statement

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取り扱い説明書に従って正しい取り扱いをして下さい。

## KC: Korea Warning Statement

B급 기기 (가정용 방송통신기자재)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
<b>Class B equipment (For Home Use Broadcasting &amp; Communication Equipment)</b>	This equipment is home use (Class B) electromagnetic wave suitability and to be used mainly at home and it can be used in all areas.

### NCC 警語

經型式認證合格之低功率射頻電機，非經許可，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。

低功率射頻電機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。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機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。

「產品之限用物質含有情況」之相關資訊，請參考下表：

單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr <sup>6+</sup> )	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
印刷電路板及電子組件	-	○	○	○	○	○
結構組件（金屬/塑膠）	○	○	○	○	○	○
其他組件（如天線/指示燈/連接線）	○	○	○	○	○	○
其他及其配件（如電源供應器）	-	○	○	○	○	○

備考1. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。  
備考2. “-” 係指該項限用物質為排除項目。

### DFS 警語

操作在 5.15-5.35/5.47-5.85GHz 之無線資訊傳輸設備 (802.11a/ac 產品)，應避免影響附近雷達系統之操作。

### MPE

本產品電磁波曝露量 (MPE) 標準值  $1\text{mW}/\text{cm}^2$ ，送測產品實測值為  $0.4828\text{mW}/\text{cm}^2$ ，建議使用時至少距離人體 20cm。

### 安全說明：

- 請在溫度為0°C (32°F)至40°C (104°F)之間的環境中使用本產品
- 請依照產品上的電源功率貼紙說明使用正確的電源變壓器,如果使用錯誤規格的電源變壓器有可能會造成內部零件的損壞
- 請勿將產品放置於不平坦或不穩定的表面,若產品的機殼毀損,請聯絡維修服務人員
- 請勿在產品上放置其他物品,請勿將任何物品塞入產品內,以避免引起元件短路或電路損毀
- 請保持機器在乾燥的環境下使用,雨水、溼氣、液體等含有礦物質將會腐蝕電子線路,請勿在雷電天氣下使用數據機。
- 請勿堵塞產品的通風孔,以避免因散熱不良而導致系統過熱。
- 請勿使用破損的電源線,附件或其他周邊產品。
- 如果電源已毀損,請不要嘗試自行修復,請將其交給專業技術服務人員或經銷商來處理
- 為了防止電擊風險,在搬動主機之前,請先將電源線插頭暫時從電源插座上拔除



电子电气产品有害物质限制使用标识要求：图中之数字为产品之环保使用期限。仅指电子电气产品中含有的有害物质不致发生外泄或突变从而对环境造成污染或对人身、财产造成严重损害的期限。

产品中有害物质的名称及含量

部件名称	有害物质					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板及其电子组件	×	○	○	○	○	○
外壳	○	○	○	○	○	○
电源适配器	×	○	○	○	○	○
外部信号连接头及线材	×	○	○	○	○	○
中央处理器与内存	×	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求，然该部件仍符合欧盟指令 2011/65/EU 的规范。

备注：此产品所标示之环保使用期限，系指在一般正常使用状况下。

### 安全说明:

- 请在温度为0°C (32°F)至40°C (104°F)之间的环境中使用本产品。
- 请依照产品上的电源功率贴纸说明使用正确的电源变压器, 如果使用错误规格的电源变压器有可能会造成内部零件的损坏。
- 请勿将产品放置于不平坦或不稳定的表面, 若产品的机壳毁损, 请联络维修服务人员。
- 请勿在产品上放置其他物品, 请勿将任何物品塞入产品内, 以避免引起组件短路或电路损毁。
- 请保持机器在干燥的环境下使用, 雨水、湿气、液体等含有矿物质将会腐蚀电子线路, 请勿在雷电天气下使用数据机。
- 请勿堵塞产品的通风孔, 以避免因散热不良而导致系统过热。
- 请勿使用破损的电源线, 附件或其他周边产品。
- 如果电源已毁损, 请不要尝试自行修复, 请将其交给专业技术服务人员或经销商来处理。
- 为了防止电击风险, 在搬动主机之前, 请先将电源线插头暂时从电源插座上拔除。





### **Precautions for the use of the device**

- a. Pay particular attention to the personal safety when use this device in airports, hospitals, gas stations and professional garages.
- b. Medical device interference: Maintain a minimum distance of at least 15 cm (6 inches) between implanted medical devices and ASUS products in order to reduce the risk of interference.
- c. Kindly use ASUS products in good reception conditions in order to minimize the radiation's level.
- d. Keep the device away from pregnant women and the lower abdomen of the teenager.

### **Précautions d'emploi de l'appareil**

- a. Soyez particulièrement vigilant quant à votre sécurité lors de l'utilisation de cet appareil dans certains lieux (les avions, les aéroports, les hôpitaux, les stations-service et les garages professionnels).
- b. Évitez d'utiliser cet appareil à proximité de dispositifs médicaux implantés. Si vous portez un implant électronique (stimulateurs cardiaques, pompes à insuline, neurostimulateurs...), veuillez impérativement respecter une distance minimale de 15 centimètres entre cet appareil et votre corps pour réduire les risques d'interférence.
- c. Utilisez cet appareil dans de bonnes conditions de réception pour minimiser le niveau de rayonnement. Ce n'est pas toujours le cas dans certaines zones ou situations, notamment dans les parkings souterrains, dans les ascenseurs, en train ou en voiture ou tout simplement dans un secteur mal couvert par le réseau.
- d. Tenez cet appareil à distance des femmes enceintes et du bas-ventre des adolescents.

### **Условия эксплуатации:**

- Температура эксплуатации устройства: 0-40 °C. Не используйте устройство в условиях экстремально высоких или низких температур.
- Не размещайте устройство вблизи источников тепла, например, рядом с микроволновой печью, духовым шкафом или радиатором.
- Использование несовместимого или несертифицированного адаптера питания может привести к возгоранию, взрыву и прочим опасным последствиям.
- При подключении к сети электропитания устройство следует располагать близко к розетке, к ней должен осуществляться беспрепятственный доступ.
- Утилизация устройства осуществляется в соответствии с местными законами и положениями. Устройство по окончании срока службы должны быть переданы в сертифицированный пункт сбора для вторичной переработки или правильной утилизации.
- Данное устройство не предназначено для детей. Дети могут пользоваться устройством только в присутствии взрослых.
- Не выбрасывайте устройство и его комплектующие вместе с обычными бытовыми отходами.



## India RoHS

This product complies with the "India E-Waste (Management) Rules, 2016" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls(PBBs) and polybrominated diphenyl ethers (PBDEs) in concentrations exceeding 0.1 % by weight in homogenous materials and 0.01 % by weight in homogenous materials for cadmium, except for the exemptions listed in Schedule II of the Rule.

### AEEE Yönetmeliğine Uygunur. IEEE Yönetmeliğine Uygunur.

- Bu Cihaz Türkiye analog şebekelerde çalışabilecek şekilde tasarlanmıştır.
- Cihazın ayrıntılı kurulum rehberi kutu içeriğinden çıkan CD içerisindeydir. Cihazın kullanıcı arayüzü Türkçe'dir.
- Cihazın kullanılması planlanan ülkelerde herhangi bir kısıtlaması yoktur. Ülkeler simgeler halinde kutu üzerinde belirtilmiştir.



<b>Manufacturer</b>	<b>ASUSTeK Computer Inc.</b> Tel: +886-2-2894-3447 Address: 4F, No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN
<b>Authorised representative in Europe</b>	<b>ASUS Computer GmbH</b> Address: HARKORT STR. 21-23, 40880 RATINGEN, GERMANY
<b>Authorised distributors in Turkey</b>	<b>BOGAZICI BILGISAYAR TICARET VE SANAYI A.S.</b> <b>Tel./FAX No.:</b> +90 212 331 10 00 / +90 212 332 28 90 <b>Address:</b> ESENTEPE MAH. BUYUKDERE CAD. ERCAN HAN B BLOK NO.121 SISLI, ISTANBUL 34394
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## Networks Global Hotline Information

Area	Country/ Region	Hotline Number	Service Hours	
Europe	Cyprus	800-92491	09:00-13:00 ; 14:00-18:00 Mon-Fri	
	France	0033-170949400	09:00-18:00 Mon-Fri	
	Germany	0049-1805010920		
		0049-1805010923 (component support)		09:00-18:00 Mon-Fri 10:00-17:00 Mon-Fri
		0049-2102959911 (Fax)		
	Hungary	0036-15054561	09:00-17:30 Mon-Fri	
	Italy	199-400089	09:00-13:00 ; 14:00-18:00 Mon-Fri	
	Greece	00800-44142044	09:00-13:00 ; 14:00-18:00 Mon-Fri	
	Austria	0043-820240513	09:00-18:00 Mon-Fri	
	Netherlands/ Luxembourg	0031-591570290	09:00-17:00 Mon-Fri	
	Belgium	0032-78150231	09:00-17:00 Mon-Fri	
	Norway	0047-2316-2682	09:00-18:00 Mon-Fri	
	Sweden	0046-858769407	09:00-18:00 Mon-Fri	
	Finland	00358-969379690	10:00-19:00 Mon-Fri	
	Denmark	0045-38322943	09:00-18:00 Mon-Fri	
	Poland	0048-225718040	08:30-17:30 Mon-Fri	
	Spain	0034-902889688	09:00-18:00 Mon-Fri	
	Portugal	00351-707500310	09:00-18:00 Mon-Fri	
	Slovak Republic	00421-232162621	08:00-17:00 Mon-Fri	
	Czech Republic	00420-596766888	08:00-17:00 Mon-Fri	
	Switzerland-Ger- man	0041-848111010	09:00-18:00 Mon-Fri	
	Switzerland-French	0041-848111014	09:00-18:00 Mon-Fri	
	Switzerland-Italian	0041-848111012	09:00-18:00 Mon-Fri	
United Kingdom	0044-1442265548	09:00-17:00 Mon-Fri		
Ireland	0035-31890719918	09:00-17:00 Mon-Fri		
Russia and CIS	008-800-100-ASUS	09:00-18:00 Mon-Fri		
Ukraine	0038-0445457727	09:00-18:00 Mon-Fri		

## Networks Global Hotline Information

Area	Country/Region	Hotline Numbers	Service Hours
<b>Asia-Pacific</b>	Australia	1300-278788	09:00-18:00 Mon-Fri
	New Zealand	0800-278788	09:00-18:00 Mon-Fri
	Japan	0800-1232787	09:00-19:00 Mon-Sun
		0081-570783886 ( Non-Toll Free )	09:00-19:00 Mon-Sun
	Korea	0082-215666868	09:30-17:00 Mon-Fri
	Thailand	0066-24011717	09:00-18:00 Mon-Fri
		1800-8525201	
	Singapore	0065-64157917	11:00-19:00 Mon-Fri
		0065-67203835	11:00-19:00 Mon-Fri
		( Repair Status Only )	11:00-13:00 Sat
	Malaysia	1300-88-3495	9:00-18:00 Mon-Fri
	Philippine	1800-18550163	09:00-18:00 Mon-Fri
	India	1800-2090365	09:00-18:00 Mon-Sat
			09:00-21:00 Mon-Sun
Indonesia	0062-2129495000 500128 (Local Only)	09:30-17:00 Mon-Fri	
		9:30 – 12:00 Sat	
Vietnam	1900-555581	08:00-12:00	
		13:30-17:30 Mon-Sat	
Hong Kong	00852-35824770	10:00-19:00 Mon-Sat	
Taiwan	0800-093-456; 02-81439000	9:00-12:00 Mon-Fri; 13:30-18:00 Mon-Fri	
<b>Americas</b>	USA	1-812-282-2787	8:30-12:00 EST Mon-Fri
	Canada		9:00-18:00 EST Sat-Sun
	Mexico	001-8008367847	08:00-20:00 CST Mon-Fri
			08:00-15:00 CST Sat
Brazil	4003 0988 (Capital) 0800 880 0988 (demais localidades)	9:00am-18:00 Mon-Fri	

## Networks Global Hotline Information

Area	Country/Region	Hotline Numbers	Service Hours
<b>Middle East + Africa</b>	Egypt	800-2787349	09:00-18:00 Sun-Thu
	Saudi Arabia	800-1212787	09:00-18:00 Sat-Wed
	UAE	00971-42958941	09:00-18:00 Sun-Thu
	Turkey	0090-2165243000	09:00-18:00 Mon-Fri
	South Africa	0861-278772	08:00-17:00 Mon-Fri
	Israel	*6557/00972-39142800	08:00-17:00 Sun-Thu
		*9770/00972-35598555	08:30-17:30 Sun-Thu
<b>Balkan Countries</b>	Romania	0040-213301786	09:00-18:30 Mon-Fri
	Bosnia Herzegovina	00387-33773163	09:00-17:00 Mon-Fri
	Bulgaria	00359-70014411	09:30-18:30 Mon-Fri
		00359-29889170	09:30-18:00 Mon-Fri
	Croatia	00385-16401111	09:00-17:00 Mon-Fri
	Montenegro	00382-20608251	09:00-17:00 Mon-Fri
	Serbia	00381-112070677	09:00-17:00 Mon-Fri
Slovenia		00368-59045400	08:00-16:00 Mon-Fri
	00368-59045401		
<b>Baltic Countries</b>	Estonia	00372-6671796	09:00-18:00 Mon-Fri
	Latvia	00371-67408838	09:00-18:00 Mon-Fri
	Lithuania-Kaunas	00370-37329000	09:00-18:00 Mon-Fri
	Lithuania-Vilnius	00370-522101160	09:00-18:00 Mon-Fri



### NOTES:

- UK support e-mail: [network\\_support\\_uk@asus.com](mailto:network_support_uk@asus.com)
- For more information, visit the ASUS support site at: <https://www.asus.com/support/>

## English

### CE statement

#### Simplified EU Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Full text of EU declaration of conformity is available at [https://www.asus.com/Networking/RTAC68U/HelpDesk\\_Declaration/](https://www.asus.com/Networking/RTAC68U/HelpDesk_Declaration/).

#### Declaration of Conformity for Ecodesign directive 2009/125/EC

Testing for eco-design requirements according to (EC) No 1275/2008 and (EU) No 801/2013 has been conducted. When the device is in Networked Standby Mode, its I/O and network interface are in sleep mode and may not work properly. To wake up the device, press the Wi-Fi on/off, LED on/off, reset, or WPS button.

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

All operational modes:

2.4GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40)  
5GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80)

The frequency, mode and the maximum transmitted power in EU are listed below:

2412-2472MHz (802.11g 6Mbps): 19.81 dBm


5180-5240MHz (802.11ac VHT20 MCSO): 20.1 dBm

5260-5320MHz (802.11ac VHT40 MCSO): 21.31 dBm

5500-5700MHz (802.11ac VHT80 MCSO): 27.48 dBm

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

The adapter shall be installed near the equipment and shall be easily accessible.

	AT	BE	BG	CZ	DK	EE	FR
	DE	IS	IE	IT	EL	ES	CY
	LV	LI	LT	LU	HU	MT	NL
	NO	PL	PT	RO	SI	SK	TR
	FI	SE	CH	UK	HR	UA	

### Safety Notices

- Use this product in environments with ambient temperatures between 0°C(32°F) and 40°C(104°F).
- Refer to the rating label on the bottom of your product and ensure your power adapter complies with this rating.
- DO NOT place on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.
- DO NOT place or drop objects on top and do not shove any foreign objects into the product.
- DO NOT expose to or use near liquids, rain, or moisture. DO NOT use the modem during electrical storms.
- DO NOT cover the vents on the product to prevent the system from getting overheated.
- DO NOT use damaged power cords, accessories, or other peripherals.
- If the Adapter is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.
- To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system.