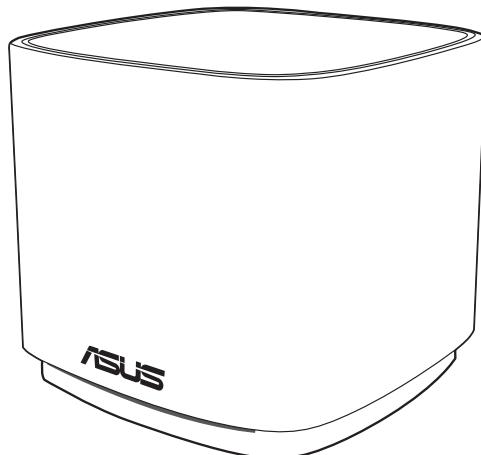


ASUS ZenWiFi AX Mini

AX1800 Dual Band WiFi Router

Model: XD4R



Quick Start Guide

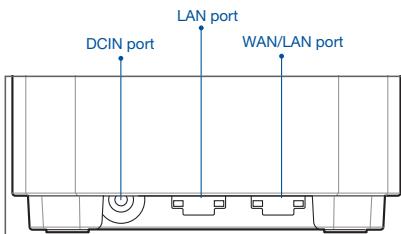
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Hardware Explanations

- ① Plug the adapter into the DCIN port.
- ② The power LED will light up when your hardware is ready.

XD4R Overview



◎ WAN/LAN port

Connect your modem to this port with a network cable.

◎ LAN port

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

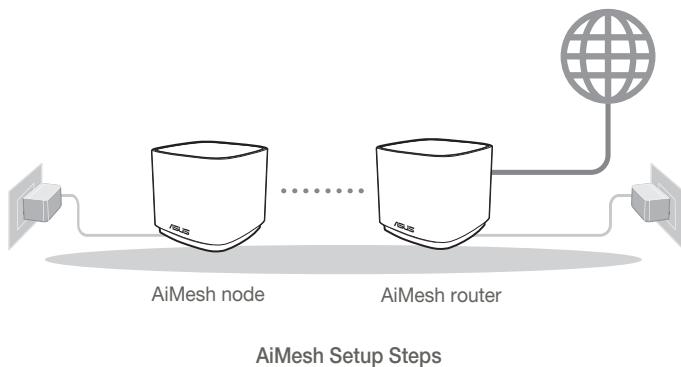
Specifications:

DC Power adapter	DC Output: +12V with max 1.5A current		
Operating Temperature	0~40°C	Storage	0~70°C
Operating Humidity	50~90%	Storage	20~90%

Before Setup

Preparing to set up an AiMesh WiFi system

- ① Find two ZenWiFi AX Mini, and power them on.
- ② Use a network cable to connect your modem to the WAN port of XD4R. XD4R will be the AiMesh router, and the other will be the AiMesh node.
- ③ The LED turns solid blue to indicate that ZenWiFi AX Mini is ready for setup.



ASUS Router App

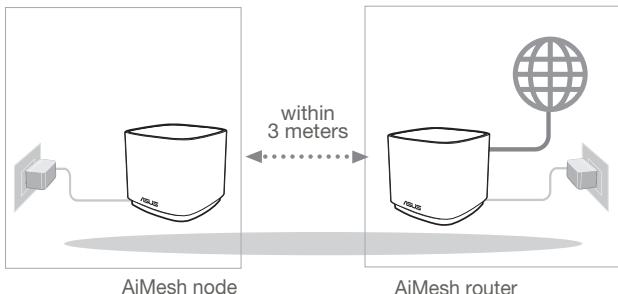
Download free ASUS Router APP to set up and manage your router(s).



AiMesh Setup Steps

01 Prepare

Place your ZenWiFi AX Mini router and node within 3 meters of each other during the setup process.



02 AiMesh node

Keep your AiMesh node powered on and standby for AiMesh system settings.

03 Launching ASUS Router APP

Launch ASUS Router APP, and then follow the on-screen instructions to finish the AiMesh setup.

Troubleshooting

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

- a Move your AiMesh node closer to the AiMesh router ideally. Ensure that it is within 3 meters.
- b Your AiMesh node is powered on.

Relocation

THE BEST PERFORMANCE

Locate the AiMesh router and node at the 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.

ZenWiFi AX Mini LED indications

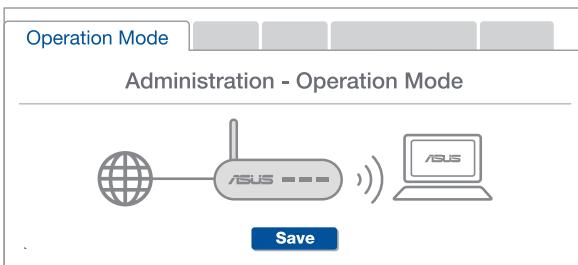
- Solid blue:
Your ZenWiFi AX Mini is ready for setup.
- Solid white:
Your ZenWiFi AX Mini is online and works well.
- Solid yellow:
The signal between your ZenWiFi AX Mini router and the node is weak.
- Solid red:
Your ZenWiFi AX Mini router has no Internet connection. / Your node is disconnected from the router.

FAQ

FREQUENTLY ASKED QUESTIONS

Q1: Does the AiMesh router support Access Point mode?

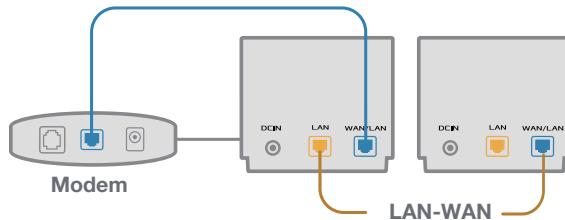
A: Yes. You can choose to set the AiMesh router as router mode or access point mode. Please go to web GUI (<http://router.asus.com>), and go to the page **Administration > Operation Mode**.



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 WiFi 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.

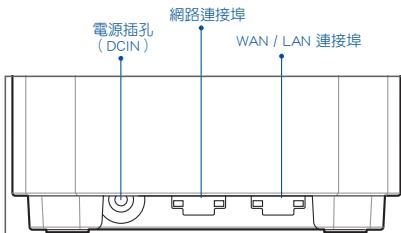


- ③ AiMesh system will auto-select the best path for data transmission, whether wired or wireless.

硬體說明

- 1 將電源變壓器插入無線路由器的電源插孔（DCIN）。
- 2 當您的路由器準備就緒後，電源指示燈將會亮起。

XD4R 概述



◎ WAN/LAN 連接埠

請使用網路線將您的數據機連接至此連接埠。

◎ 網路連接埠

請使用網路線將您的電腦連接至 LAN 連接埠。

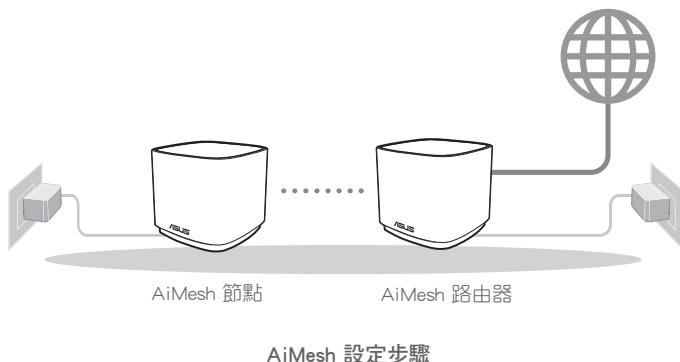
規格：

直流電源變壓器	DC 輸出：12V 電壓，最大電流 1.5 A		
運作溫度	0~40° C	儲存溫度	0~70° C
運作濕度	50~90%	儲存濕度	20~90%

開始設定前

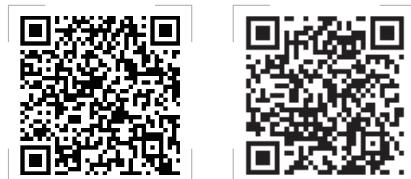
準備設定 AiMesh WiFi 系統

- 1 準備兩台 ZenWiFi AX Mini 電源。
- 2 將網路線的一端插入數據機，另一端插入 XD4R 的 WAN 連接埠。此 XD4R 即為 AiMesh 路由器，另外一台路由器即為 AiMesh 節點。
- 3 LED 指示燈變為藍色恆亮表示 ZenWiFi AX Mini 已準備就緒。



ASUS Router App

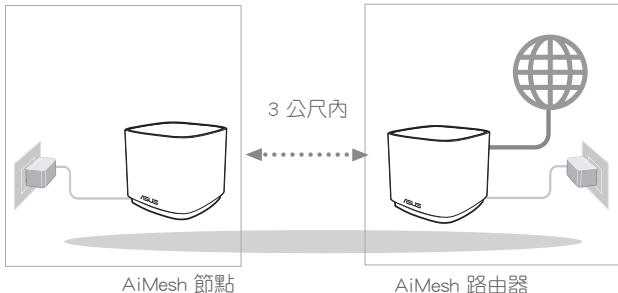
下載免費的 ASUS Router APP 設定和管理您的路由器。



AiMesh 設定步驟

01 準備

設定過程中，請將 ZenWiFi AX Mini 節點距離路由器 3 公尺內。



02 AiMesh 節點

設定 AiMesh 系統時，請保持路由器處於通電及運作狀態。

03 開啟 ASUS Router App

開啟 ASUS Router App，並依照螢幕指示完成 AiMesh 設定。

疑難解決

若您的 AiMesh 路由器無法搜尋到任何附近的 AiMesh 節點或同步失敗，請檢查以下幾個方面並重試。

- a 將您的 AiMesh 節點移至距 AiMesh 路由器更近的地方。請確認 AiMesh 節點距離 AiMesh 路由器 3 公尺內。
- b AiMesh 節點已開機。

尋找最佳位置

優異效能

將 AiMesh 路由器和節點放置在最佳位置。



注意：為將干擾降至最低，請將路由器放置在遠離無線室內電話、藍牙裝置和微波爐等裝置的位置。

建議您將路由器放在開放區域的高處。

ZenWiFi AX Mini 指示燈

● 藍色恆亮：

您的 ZenWiFi AX Mini 已準備就緒。

○ 白色恆亮：

您的 ZenWiFi AX Mini 已連線至網路並運作良好。

● 黃色恆亮：

ZenWiFi AX Mini 路由器與節點間的訊號弱。

● 紅色恆亮：

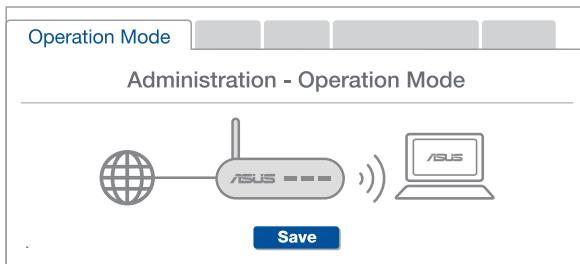
您的 ZenWiFi AX Mini 路由器無網際網路連線。/ 您的節點與路由器間的網路連線中斷。

FAQ

常見問題解答

Q1: AiMesh 路由器支援無線存取點模式嗎？

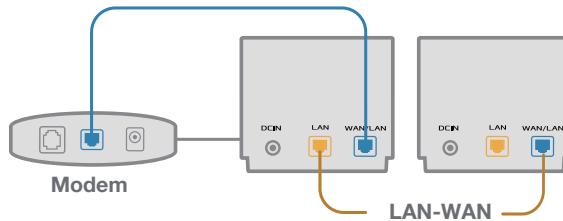
A: 是。您可以選擇將您的 AiMesh 路由器設定為路由器模式或無線存取點模式。請至網頁圖形使用者介面（web GUI）<http://router.asus.com>，並前往 系統管理 > 操作模式 介面進行設定。



Q2: 我可以在 AiMesh 路由器間設定有線骨幹 (Ethernet Backhaul, 乙太網路骨幹) 嗎？

A: 是。 AiMesh 系統支援 AiMesh 路由器與節點間的無線和有線連線，以最大化增強吞吐量及穩定性。AiMesh 會分析每個可用頻段的無線訊號強度，然後自動判斷無線和有線連線哪個對於路由器間的骨幹連線是更佳選擇。

- ① 首先，遵循設定步驟透過 WiFi 在 AiMesh 路由器和節點間建立連線。
- ② 將節點放置在擁有最佳訊號覆蓋範圍的位置。將網路線的一端插入 AiMesh 路由器的 LAN 連線埠，另一端插入 AiMesh 節點的 WAN 連線埠。

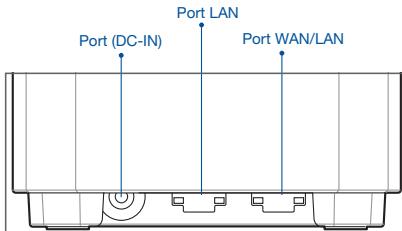


- ③ 您的 AiMesh 系統將會自動為資料傳輸選擇最佳有線或者無線之路徑。

Penjelasan Perangkat Keras

- ① Pasang adaptor ke port DCIN.
- ② LED, Daya akan menyala saat perangkat keras Anda siap.

Iktisar XD4R



◎ Port WAN/LAN

Menyambungkan modem ke port ini dengan kabel jaringan.

◎ Port LAN

Menyambungkan PC ke port LAN dengan kabel jaringan.

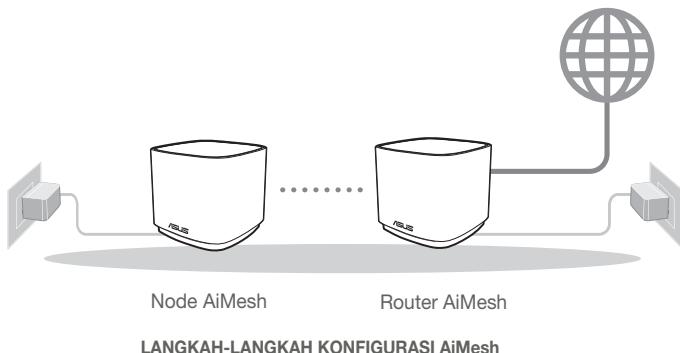
Spesifikasi:

Adaptor daya DC	Output DC: +12 V dengan arus maks. 1.5 A		
Suhu Pengoperasian	0~40°C	Penyimpanan	0~70°C
Kelembaban Pengoperasian	50~90%	Penyimpanan	20~90%

Sebelum pengaturan

Persiapan konfigurasi sistem WiFi AiMesh

- ① Temukan dua ZenWiFi AX Mini, lalu hidupkan.
- ② Gunakan kabel jaringan untuk menyambungkan modem ke port WAN XD4R. XD4R akan menjadi router AiMesh, sedangkan lainnya akan menjadi node AiMesh.
- ③ Lampu LED menyala biru untuk mengindikasikan bahwa ZenWiFi AX Mini siap untuk dikonfigurasi.



Aplikasi ASUS Router

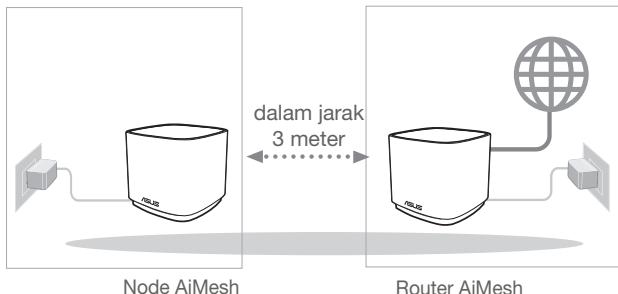
Download secara gratis Aplikasi ASUS Router agar dapat mengkonfigurasi dan mengelola router Anda.



Langkah-langkah konfigurasi AiMesh

01 Persiapan

Tempatkan router dan node ZenWiFi AX Mini dalam jarak 3 meter dari satu sama lain selama proses konfigurasi.



02 Node AiMesh

Terus hidupkan daya dalam kondisi siaga untuk pengaturan sistem AiMesh.

03 Mengaktifkan Aplikasi Router ASUS

Aktifkan Aplikasi Router ASUS, lalu ikuti petunjuk di layar untuk menyelesaikan konfigurasi 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 3 meter.
- b Node AiMesh telah dihidupkan.

Ubah lokasi

PERFORMA TERBAIK

Letakkan router dan node AiMesh di tempat terbaik.



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

Sebaiknya letakkan router di tempat terbuka atau luas.

Indikasi LED ZenWiFi AX Mini

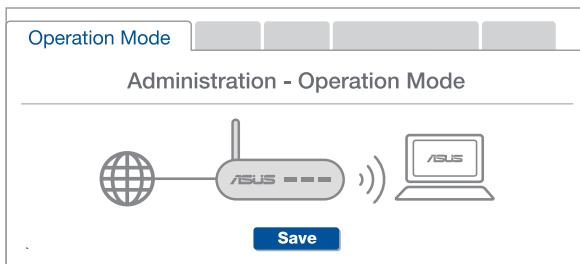
- Menyala biru:
ZenWiFi AX Mini Anda siap untuk dikonfigurasi.
- Putih solid:
ZenWiFi AX Mini telah online dan berjalan lancar.
- Kuning solid:
Sinyal antara router dan node ZenWiFi AX Mini Anda lemah.
- Merah solid:
Router ZenWiFi AX Mini Anda tidak memiliki sambungan Internet. Node Anda terputus dari router.

FAQ

TANYA JAWAB

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

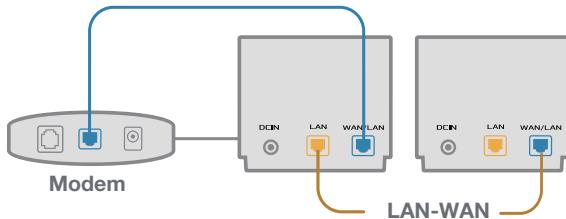
J: Ya. Anda dapat memilih untuk mengatur router AiMesh sebagai mode router atau mode jalur akses. Buka GUI web (<http://router.asus.com>), lalu buka halaman **Administration (Administrasi) > Operation Mode (Mode Operasi)**.



T2: Dapatkan 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 WiFi.
- 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.

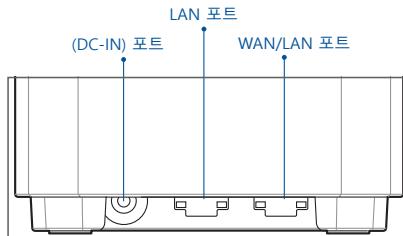


- ③ Sistem AiMesh akan secara otomatis memilih jalur terbaik untuk transmisi data, baik berkabel maupun nirkabel.

하드웨어에 대한 설명

- ① 어댑터를 DC-IN 포트에 끼웁니다.
- ② 하드웨어가 작동할 준비가 끝나면 전원 LED에 불이 들어오게 됩니다.

XD4R 개요



◎ WAN/LAN 포트

네트워크 케이블을 이용해서 모뎀을 이 포트에 연결할 수 있습니다.

◎ LAN 포트

네트워크 케이블을 이용해서 PC를 LAN 포트에 연결할 수 있습니다.

사양:

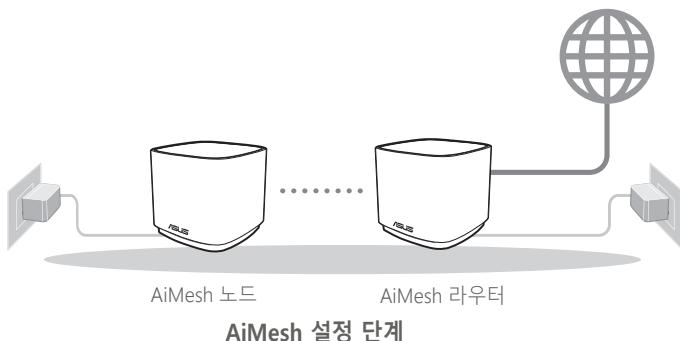
DC 전원 어댑터	DC 출력: 최대 1.5A 전류에서 +12V		
작동 온도	0~40°C	보관	0~70°C
작동 습도	50~90%	보관	20~90%

어드웨어

설정하기 전에

AiMesh Wi-Fi 시스템 설정 준비하기

- ① 2개의 ZenWiFi AX Mini를 찾아 전원을 켭니다.
- ② 네트워크 케이블을 사용하여 모뎀과 공유기(XD4R)의 WAN 포트를 연결합니다. 공유기(XD4R)가 AiMesh 라우터가 되고, 나머지 공유기가 AiMesh 노드가 됩니다.
- ③ LED에 파란색 불이 켜지면 ZenWiFi AX Mini를 설정할 준비가 된 것입니다.



ASUS 라우터 앱

ASUS 라우터 앱을 무료로 다운로드해서 라우터를 설정하거나 관리할 수 있습니다.

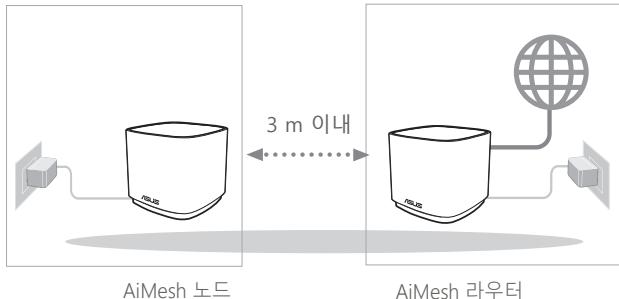


AiMesh 설정 단계

01 준비

설정 프로세스 동안 ZenWiFi AX Mini 라우터와 노드 간의 거리를 3미터 이내로 유지하십시오.

어플리케이션



02 AiMesh 노드

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

03 ASUS 라우터 앱 시작하기

ASUS 라우터 앱을 시작한 후 화면 지침에 따라 AiMesh 설정을 마칩니다.

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 3 m 이내이어야 합니다.
- b) AiMesh 노드가 켜져 있어야 합니다.

주의

위치 변경

최상의 성능

AiMesh 라우터와 노드에 최적합한 장소를 찾으십시오.



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

라우터를 넓고 트인 공간에 놓을 것을 권장합니다.

ZenWiFi AX Mini LED indications

파란색 점등:

ZenWiFi AX Mini를 설정할 준비가 되었습니다.

흰색 점등:

ZenWiFi AX Mini가 온라인 상태에서 작동 중입니다.

노란색 점등:

ZenWiFi AX Mini 라우터와 노드 간의 신호가 약합니다.

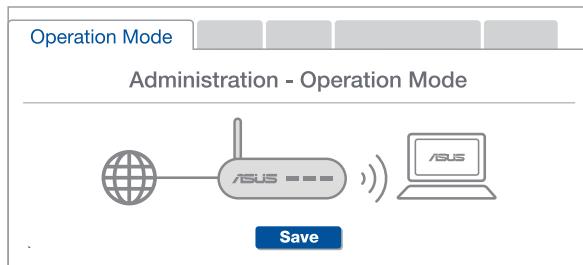
빨간색 점등:

ZenWiFi AX Mini 라우터가 인터넷에 연결되지 않았습니다. 노드와 라운터의 연결이 끊겼습니다.

FAQ 자주 묻는 질문

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

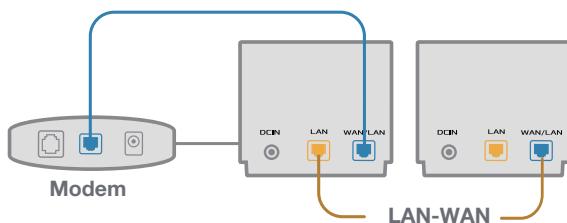
A: 예. AiMesh 시스템은 처리량과 안정성을 극대화할 수 있도록 AiMesh 라우터와 노드 간 유선 연결과 무선 연결을 모두 지원 합니다. 웹 GUI (<http://router.asus.com>)로 가서 **Administration(관리) > Operation Mode (작동 모드)** 페이지로 들어가십시오.



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 WiFi를 통해 AiMesh 라우터와 노드 간 연결을 구축하십시오.
- ② 통신 범위를 최대화할 수 있는 위치에 노드를 설치합니다. AiMesh 라우터의 LAN 포트에서 AiMesh 노드의 WAN 포트로 이더넷 케이블을 연결합니다.

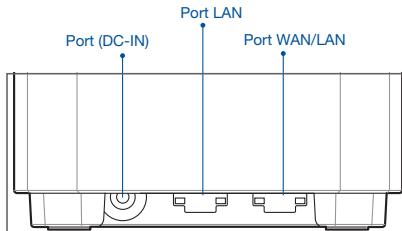


- ③ AiMesh 시스템이 유선과 무선 중에서 데이터 전송에 적합한 경로를 자동으로 선택하게 됩니다.

Penerangan Perkakasan

- 1 Palam masuk penyesuai ke dalam port DC-IN
- 2 LED Kuasa, akan menyala apabila perkakasan anda sedia.

Gambaran Keseluruhan XD4R



◎ Port WAN/LAN

Sambung modem anda ke port ini dengan kabel rangkaian.

◎ Port LAN

Sambung PC anda ke port LAN dengan kabel rangkaian.

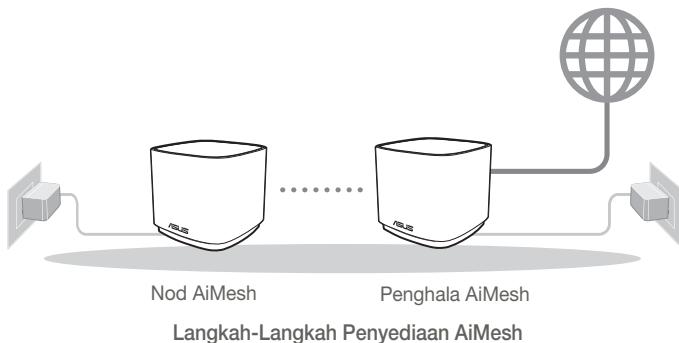
Spesifikasi:

Adaptor daya DC	Output DC: +12 V dengan arus maks. 1.5 A		
Suhu Pengoperasian	0~40°C	Penyimpanan	0~70°C
Kelembaban Pengoperasian	50~90%	Penyimpanan	20~90%

Sebelum Tetapan

Bersedia untuk menyediakan sistem WiFi AiMesh

- ① Cari dua ZenWiFi AX Mini dan hidupkan kuasanya.
- ② Gunakan kabel rangkaian untuk menyambungkan modem anda ke port WAN XD4R. XD4R akan menjadi penghala AiMesh akan menjadi nod AiMesh.
- ③ LED bertukar menjadi biru terang untuk menunjukkan bahawa ZenWiFi AX Mini sedia untuk penyediaan.



Aplikasi Penghala ASUS

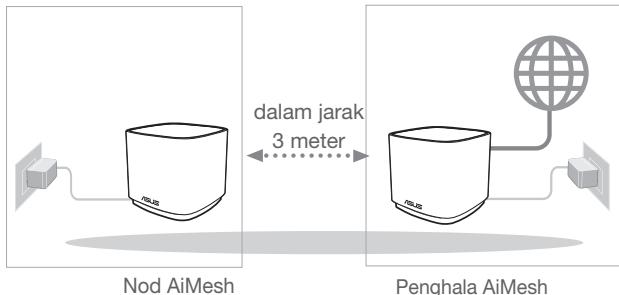
Muat turun Aplikasi Penghala ASUS percuma untuk menyediakan dan menguruskan penghala anda.



Langkah-Langkah Penyediaan AiMesh

01 Sediakan

Letakkan penghala dan nod ZenWiFi AX Mini anda dalam jarak 3 meter di antara satu sama lain semasa proses penyediaan.



02 Nod AiMesh

Kekalkan kuasa hidup dan tunggu sedia untuk tetapan sistem AiMesh.

03 Melancarkan APLIKASI Penghala ASUS

Lancarkan APLIKASI Penghala ASUS dan kemudian, ikut arahan pada skrin untuk menyelesaikan penyediaan AiMesh

Penyelesaian Masalah

Jika penghala 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 penghala AiMesh dengan sempurna. Pastikan ia dalam jarak 3 meter.
- b Kuasa nod AiMesh anda dihidupkan.

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.

Petunjuk LED ZenWiFi AX Mini

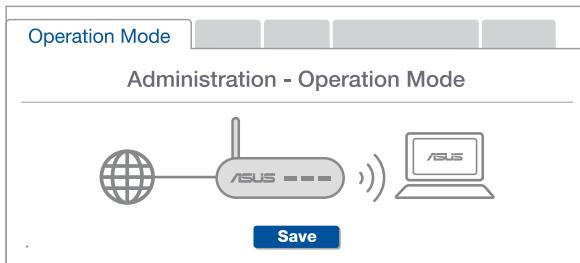
- Biru padu:
ZenWiFi AX Mini anda sedia untuk penyediaan.
- Putih terang:
ZenWiFi AX Mini anda berada dalam talian dan berfungsi dengan baik.
- Kuning terang:
Isyarat antara penghala ZenWiFi AX Mini anda dan nod adalah lemah.
- Merah terang:
Penghala ZenWiFi AX Mini anda tiada sambungan Internet. / Nod anda diputuskan sambungan daripada penghala.

FAQ

SOALAN LAZIM

S1: Adakah penghala AiMesh menyokong mod Titik Capaian?

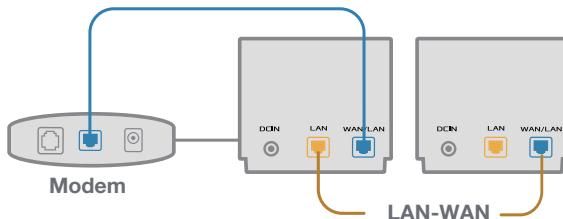
J: Ya. Anda boleh memilih untuk menetapkan penghala AiMesh sebagai mod penghala atau mod titik capaian. Sila pergi ke GUI web (<http://router.asus.com>) dan pergi ke halaman **Administration (Pentadbiran) > Operation Mode (Mod Operasi)**.



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 pemprosesan 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 WiFi dahulu.
- ② Letakkan nod dalam lokasi ideal untuk liputan terbaik. Jalankan kabel Ethernet daripada port LAN penghala AiMesh ke port WAN nod AiMesh.

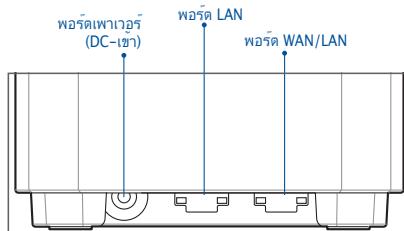


- ③ Sistem AiMesh akan secara automatik memilih laluan terbaik untuk penghantaran data, sama ada berwayar atau wayarles.

คำอธิบายဆရာတော်

- ① လောက်ခွဲပေါ်တော်အောက်ပေါ်ပို့မှု (DC-IN)
- ② ၍ LED ခွဲပေါ်တော်အောက်ပေါ်ပို့မှုများ

အသိပေါ်အောက်မှာ အသိပေါ်အောက်မှာ အသိပေါ်အောက်မှာ



◎ WAN/LAN port (ပို့မှု WAN/LAN)

အသိပေါ်အောက်မှာ အသိပေါ်အောက်မှာ အသိပေါ်အောက်မှာ

◎ LAN port (ပို့မှု LAN)

အသိပေါ်အောက်မှာ အသိပေါ်အောက်မှာ အသိပေါ်အောက်မှာ

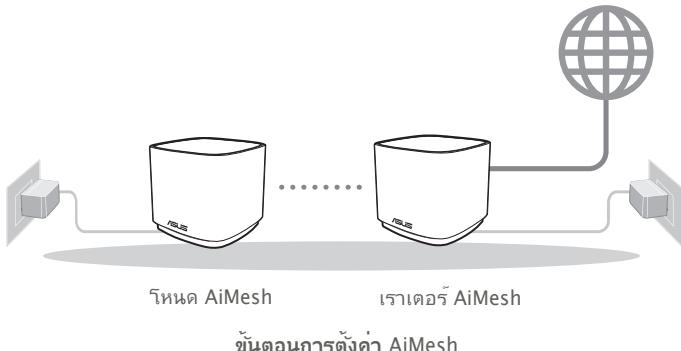
အသိပေါ်အောက်မှာ

အသိပေါ်အောက်မှာ DC	အောင်ပို့မှု DC: +12V ဂိုဏ်ရေ အောင်ပို့မှု 1.5A		
အုပ်စုများ	0~40°C	ဆန်ကိုယ်ရှိခံ	0~70°C
အသိပေါ်အောက်မှာ	50~90%	ဆန်ကိုယ်ရှိခံ	20~90%

ก่อนทำการตั้งค่า

การเตรียมพร้อมในการตั้งค่าระบบ WiFi ของ AiMesh

- 1 ค้นหา ZenWiFi AX Mini ส่องเครื่องและเปิดเครื่องทั้งคู่
 - 2 ใช้สายเดเบลเครือข่ายเพื่อเชื่อมต่อจอมอนิเตอร์ของคุณเข้ากับพอร์ต WAN ของ XD4R XD4R จะเป็นเราเตอร์ AiMesh และ อีกเครื่องจะเป็นหอนด AiMesh
 - 3 ไฟแสดงสถานะ LED เมล็ดเงินเป็นสีน้ำเงินหยุดลงเพื่อบ่งชี้ว่า ZenWiFi AX Mini พร้อมสำหรับการตั้งค่าแล้ว



ແວບ ASUS ເຮັດວຽກ

ดาวน์โหลดแอป ASUS เรารอไว้เพื่อตั้งค่าและจัดการเรารอของคุณ



ขั้นตอนการตั้งค่า AiMesh

01 จัดเตรียม

วางเราเตอร์ ZenWiFi AX Mini และโหนดของคุณไว้ภายในระยะ 3 เมตรระหว่างขั้นตอนการตั้งค่า



ไทย

02 โหนด AiMesh

สถานะค่าเริ่มต้นจากโรงงาน เปิดเครื่องและสแตนด์บายไว้สำหรับการตั้งค่าระบบ AiMesh

03 การเรียกใช้ ASUS Router APP

เรียกใช้ ASUS Router APP จากนั้นท่าตามค่าแนะนำบนหน้าจอเพื่อทำการตั้งค่า AiMesh เสร็จสมบูรณ์

ກາຣແກ້ໄຂປັນຫາ

ກ້າເຮົາເຕັອນ AiMesh ຂອງຄຸນໄນ້ສໍາມາຄັນຫາໂທນດ AiMesh ໃກລັເຄີຍ ຢ່ວຍການຊັງໂຄຣໄຟຊັ້ນເຫຼັມເຫຼາ ກຽມາຕ່າງສອບສິນຕອໄປນີ້ແລ້ວລອງອົກຮັງ

- a) ຍ້າຍໂທນດ AiMesh ຂອງຄຸນເຂົ້າໃກລັກນິເຕັອນ AiMesh ມາກຂຶ້ນ ດ່ວຍການໃຫ້ແນ່ໃຈວ່າກາຍໃນ 3 ເມືດ
- b) ໂທນດ AiMesh ຂອງຄຸນເປີດອູ້

ກາຣຈັດວາງຕໍາແໜ່ງທີ່ຕັ້ງໃໝ່

ປະສົກສົກພິກາພທີ່ດີທີ່ສຸດ

ຈັດວາງເຮົາເຕັອນແລ້ວໂທນດ AiMesh ໄວໃນຕໍາແໜ່ງທີ່ດີທີ່ສຸດ



ໜ້າຍເຫດ: ເພື່ອລັດສ້າງຄວາມຮຽນການ ໃຫ້ເກີນ ເຮົາເຕັອນທ່າງຈາກອັກຮັນຕ່າງໆ ເຊັ່ນ ໂທຣຄັພທໍາຮ່າຍ
ອັກຮັນລູຖຮ ແລະເຕົາອນໄມໂຄຣເວັບ

ເຮົາອແນ່ນ່າໃຫ້ຄຸນວາງເຮົາເຕັອນໄວໃນທີ່ກໍລັງກວ້າງ

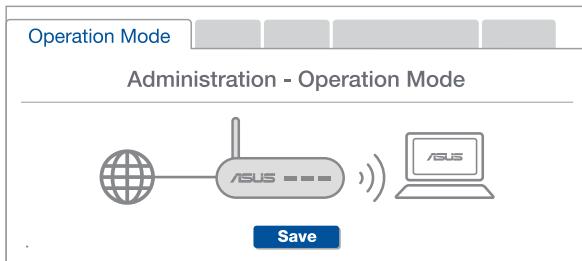
ไฟแสดงสถานะ LED ของ ZenWiFi AX Mini

- สีน้ำเงินหยุดนิ่ง:
ZenWiFi AX Mini ของคุณพร้อมสำหรับการตั้งค่า
- สีขาวหยุดนิ่ง:
ZenWiFi AX Mini ของคุณออนไลน์และใช้งานได้
- สีเหลืองหยุดนิ่ง:
สัญญาณระหว่างเราเตอร์ ZenWiFi AX Mini และบ้านด้อย
- สีแดงหยุดนิ่ง:
เราเตอร์ ZenWiFi AX Mini ของคุณไม่มีการเชื่อมต่ออินเทอร์เน็ต / บ้านด้อยคุณถูกตัดการเชื่อมต่อจากเราเตอร์

FAQ

คำถามที่ถามบ่อย

- คำถาม 1** เราเตอร์ AiMesh รองรับบูนเดส์ Access Point หรือไม่
ตอบ: ใช่ คุณสามารถเลือกที่จะตั้งค่าเราเตอร์ AiMesh เป็นบูนเดส์เราเตอร์ หรือบูนเดส์ Access Point กรุณาไปที่หน้า GUI (<http://router.asus.com>) และไปที่หน้า **Administration** (การจัดการ) > **Operation Mode** (โหมดการทำงาน)



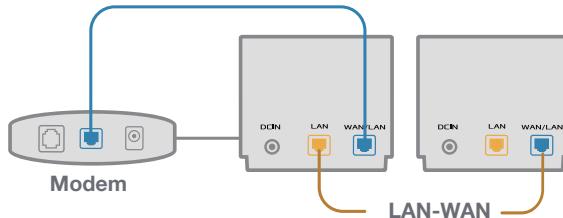
ຄໍາຖາມ

2

ຈຸນສາມາຮັດຕັ້ງຄ່າກາງເຊື່ອມຕ່ວແນບໄຣສໍາຍຮ່ວງເຮາເຕອຣ AiMesh (ກາລົ່ງຕອອື່ເທິຣນີດ) ໂດຍຮົວໃມ່

ຕອນ: ໃຊ້ ຮະບນ AiMesh ສັນບັນຫຼຸງການເຊື່ອມຕ່ວແນບໄຣສໍາຍແລະແນບໄຣສໍາຍຮ່ວງເຮາເຕອຣແລະໂທນີດ AiMesh ເພື່ອເພີ່ມອັດຕາການຮັບສົງຂອ່ມູນແລະມີເສັ່ນຍົກພັນສູງສຸດ AiMesh ວິເຄາະທີ່ຄວາມແຮງຂອງສົ່ງສໍາຜູນແນບໄຣສໍາຍສ້າຮ້າບແຕ່ລະຄຸລິນຄວາມຄືທີ່ພ່ຽນແປງໃຫ້ຈຳນວຍງານທີ່ມີເພື່ອກຳນົດໂທນີດວາກາຮັບເຊື່ອມຕ່ວແນບໄຣສໍາຍທີ່ມີເປັນວິທີທີ່ສຸດໃນການທ່ານາທີ່ເປັນຮະບນໜັກຂອງການເຊື່ອມຕ່ວຮ່ວງເຮາເຕອຣ

- ① ທ່າດາມຂັ້ນຕອນການດັ່ງຄ່າເພື່ອສ້າງການເຊື່ອມຕ່ວຮ່ວງເຮາເຕອຣກັນໂທນີດ AiMesh ພານ WiFi ກອນ
- ② ວຳໂທນີດໄວ້ໃນຕ່າແໜ່ງທີ່ເໝາະສ້າຮັບການຄຽບຄລຸມຂອງສົ່ງສໍາຜູນທີ່ດີທີ່ສຸດ ຮັນສໍາຍເຊື້ອທິຣນີດຈາກພອຣັດ LAN ຂອງເຮາເຕອຣ AiMesh ໃປຢັ້ງພອຣັດ WAN ຂອງໂທນີດ AiMesh

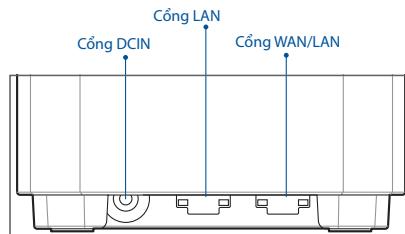


- ③ ຮະບນ AiMesh ຈະເລືອກພາຍທີ່ດີທີ່ສຸດສ້າຮັບການສົ່ງຂອ່ມູນ ໄນວ່າຈະເປັນແນບໄຣສໍາຍທີ່ມີເປັນວິທີ

Chú thích phần cứng

- ① Cắm adapter vào cổng DCIN.
- ② Các đèn LED nguồn sẽ sáng lên khi phần cứng của bạn đã sẵn sàng.

Tổng quan về XD4R



○ CỔNG WAN/LAN

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

○ CỔNG LAN

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

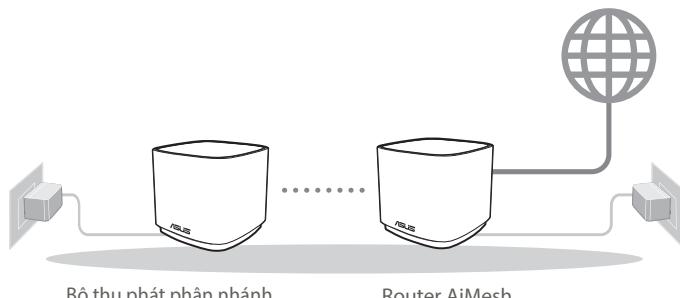
Thông số kỹ thuật:

Adapter nguồn DC	Đầu ra DC: +12V với dòng điện tối đa 1.5A		
Nhiệt độ hoạt động	0~40°C	Bảo quản	0~70°C
Độ ẩm hoạt động	50~90%	Bảo quản	20~90%

Trước Khi Thiết Lập

Chuẩn bị thiết lập một hệ thống WiFi AiMesh

- 1 Tim hai router ZenWiFi AX Mini và bật nguồn chúng.
- 2 Sử dụng cáp mạng để cắm modem của bạn vào cổng WAN trên router XD4R. XD4R sẽ là router AiMesh còn lại sẽ là nút mạng AiMesh.
- 3 Đèn LED chuyển sang một màu xanh để cho biết router ZenWiFi AX Mini đã sẵn sàng thiết lập.



Các Bước Thiết Lập Aiamesh

Ứng Dụng Router ASUS

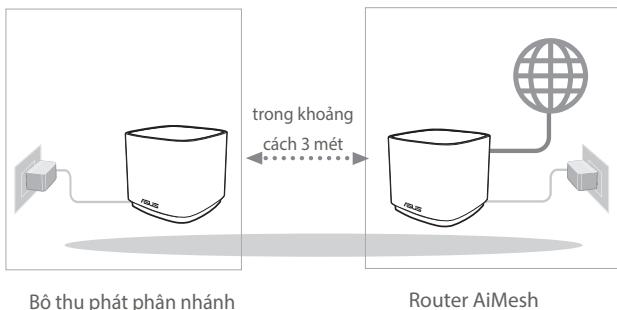
Tải về miễn phí **Ứng dụng Router ASUS** để thiết lập và quản lý (các) router của bạn.



CÁC BƯỚC THIẾT LẬP AiMesh

01 Chuẩn bị

Đặt router ZenWiFi AX Mini và nút mạng gần nhau trong phạm vi 3 mét trong quá trình thiết lập.



02 Bộ thu phát phân nhánh AiMesh

Duy trì bật nguồn và chờ các cài đặt hệ thống AiMesh.

03 Khởi chạy ASUS Router APP

Khởi chạy ASUS Router APP và sau đó thực hiện theo các hướng dẫn trên màn hình để hoàn tất thiết lập 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 3 mét.
- b) Bộ thu phát phân nhánh AiMesh sẽ được bật nguồn.

Bố Trí Lại

HIỆU SUẤT TỐT NHẤT

Bố 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.

Các chỉ báo đèn LED trên ZenWiFi AX Mini

● Một màu xanh:

ZenWiFi AX Mini của bạn đã sẵn sàng thiết lập.

○ Một màu trắng:

ZenWiFi AX Mini của bạn đang trực tuyến và hoạt động tốt.

● Một màu vàng:

Tín hiệu giữa router ZenWiFi AX Mini của bạn và nút mạng bị yếu.

● Một màu đỏ:

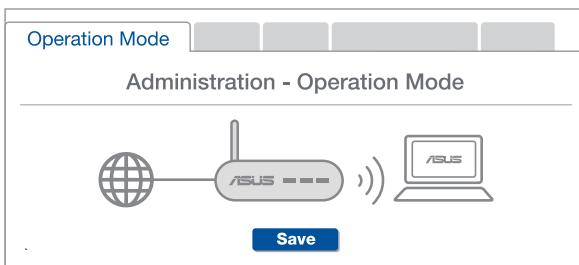
Router ZenWiFi AX Mini không có kết nối internet. /Nút mạng bị ngắt kết nối với router.

FAQ

HỎI ĐÁP

Hỏi 1 Router AiMesh có hỗ trợ chế độ Access Point (Bộ thu phát không dây)?

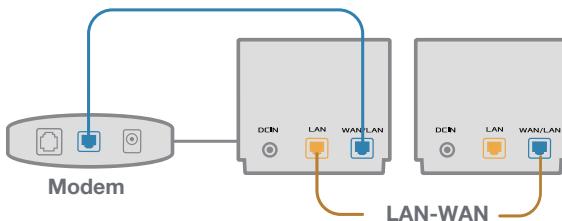
Trả lời: Có. Bạn có thể chọn thiết lập router AiMesh dưới dạng chế độ router hoặc chế độ bộ thu phát không dây. Vui lòng truy cập GUI web (<http://router.asus.com>) và vào trang **Administration (Quản lý) > Operation Mode (Chế độ hoạt động)**.



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.

- ❶ Thực hiện theo các bước thiết lập để thiết lập kết nối giữa router và điểm phân nhánh AiMesh thông qua mạng WiFi trước.
- ❷ 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.



- ❸ 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.



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

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.

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.
- DO NOT mount this equipment higher than 2 meters.

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毀。
- 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。

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.

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/ZenWiFi-AX-Mini-XD4/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), 802.11ax(HE20), 802.11ax(HE40)

5GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac(VHT40), 802.11ac (VHT80), 802.11ax(HE20), 802.11ax(HE40), 802.11ax(HE80)

XD4R

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

2400-2483.5MHz(1-13): OFDM: 19.95dBm(98.8mW); CCK: 19.17dBm(82.6mW)

5150-5250MHz (36-48): 22.98dBm(198mW)

5250-5350MHz (52-64): 22.98dBm(198mW)

5470-5725MHz (100-140): 29.98dBm(995mW)

2402-2480MHz (LE): 2.48dBm(1.77mW)

XD4N

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

2400-2483.5MHz(1-13): OFDM: 19.95dBm(98.8mW); CCK: 19.17dBm(82.6mW)

5150-5250MHz (36-48): 22.98dBm(198mW)

5250-5350MHz (52-64): 22.98dBm(198mW)

5470-5725MHz (100-140): 29.98dBm(995mW)

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		

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.
Class B equipment (For Home Use Broadcasting & Communication Equipment)	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 聲語

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 ⁶⁺)	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。

華碩聯絡資訊

華碩電腦公司 ASUSTeK COMPUTER INC. (台灣)

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傳真：+886-2-2890-7798

電子郵件：info@asus.com.tw

全球資訊網：<https://www.asus.com/tw/>

技術支援

電話：+886-2-2894-3447 (0800-093-456)

線上支援：<http://www.asus.com/tw/support>

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	09:00-18:00 Mon-Fri
		(component support)	10:00-17:00 Mon-Fri
		0049-2102959911 (Fax)	
	Hungary	0036-15054561	09:00-17:30 Mon-Fri
	Italy	06 97626662	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	+46-858769407	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-German	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
Asia-Pacific	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 (Repair Status Only)	11:00-19:00 Mon-Fri 11:00-13:00 Sat
		Malaysia	1300-88-3495
	Philippine	1800-18550163	09:00-18:00 Mon-Fri
	India	1800-2090365	09:00-18:00 Mon-Sat
		India(WL/NW)	09:00-21:00 Mon-Sun
	Indonesia	0062-2129495000	09:30-17:00 Mon-Fri
		500128 (Local Only)	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
Americas	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

Networks Global Hotline Information

Area	Country/ Region	Hotline Numbers	Service Hours
Middle East + Africa	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 *9770/00972-35598555	08:00-17:00 Sun-Thu 08:30-17:30 Sun-Thu
Balkan Countries	Romania	0040-213301786	09:00-18:30 Mon-Fri
	Bosnia Herzegovina	00387-33773163	09:00-17:00 Mon-Fri
	Bulgaria	00359-70014411 00359-29889170	09:30-18:30 Mon-Fri 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 00368-59045401	08:00-16:00 Mon-Fri
	Estonia	00372-6671796	09:00-18:00 Mon-Fri
Baltic Countries	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
- For more information, visit the ASUS support site at: <https://www.asus.com/support/>