

Quick Start Guide

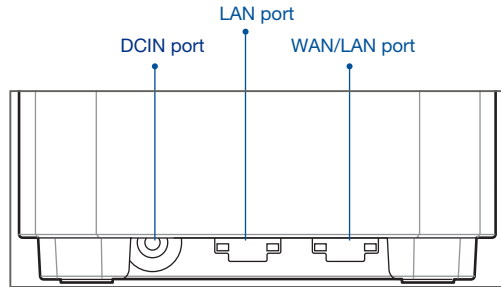
ASUS ZenWiFi XD4S
AX1800 Dual Band WiFi Router
Model: XD4S



Hardware Explanations

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

XD4S 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.

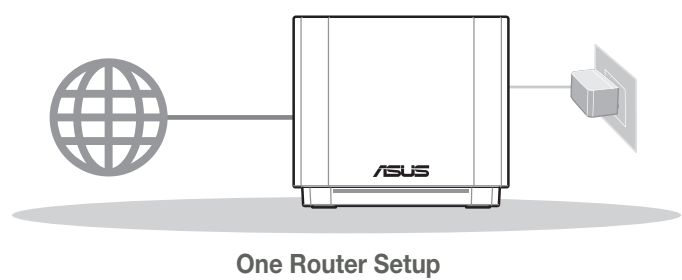
Specifications:

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

01 Setting up a standalone router

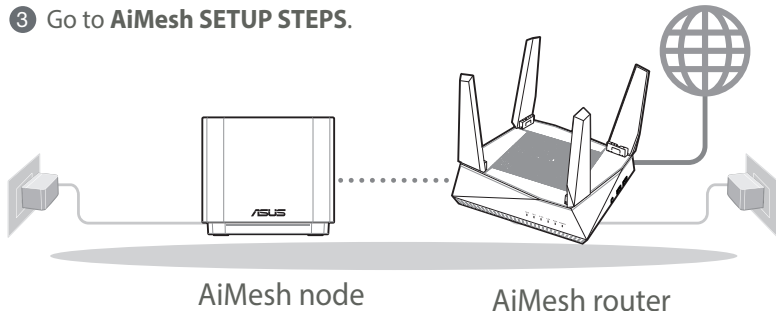
- 1 Go to **ONE ROUTER SETUP STEPS**.



One Router Setup

02 Setting up an AiMesh WiFi system

- 1 Prepare two or more ASUS routers supporting 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

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

ASUS Router



GET IT ON
Google Play

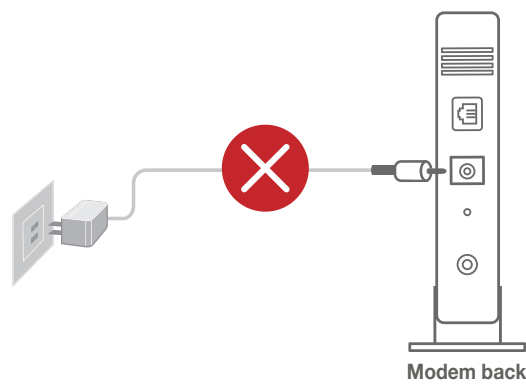


Download on the
App Store

One Router Setup Steps

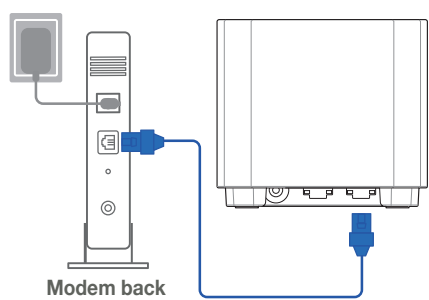
01 Prepare your Modem

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



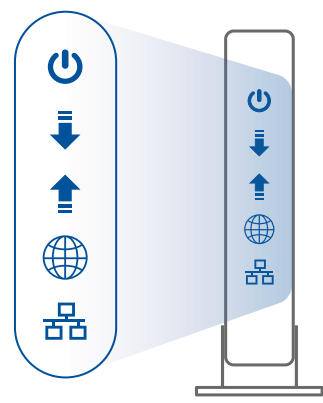
Modem back

- 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.



Modem back

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



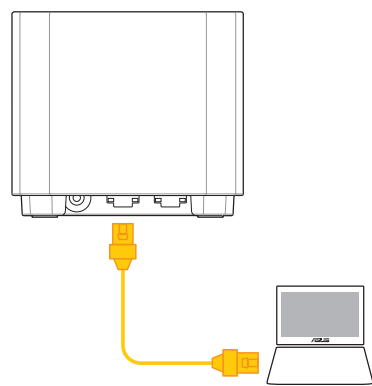
Modem front

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 Plug the adapter into the DCIN port of your XD4S.
- 2 Check that the LED turns solid blue to indicate that the hardware connection is ready for setup.

- 3 **[Web]** Connect your PC to the router using an additional network cable.
[App] Or you can use a phone or pad to complete the setup via ASUS Router App.



03 Login and Connect

- 1 **[Web]** Open a web browser.

You will be redirected to the ASUS Setup Wizard. If not, navigate to <http://router.asus.com>.



[App] Launch ASUS Router App and follow the instructions to complete the setup.

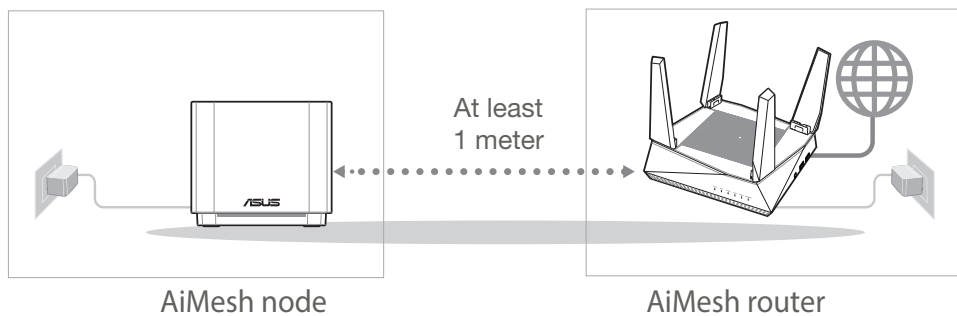
AiMesh Setup Steps

01 Prepare

Place your AiMesh router and node in the same room and at least 1 meter apart during the setup process.

02 AiMesh node

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

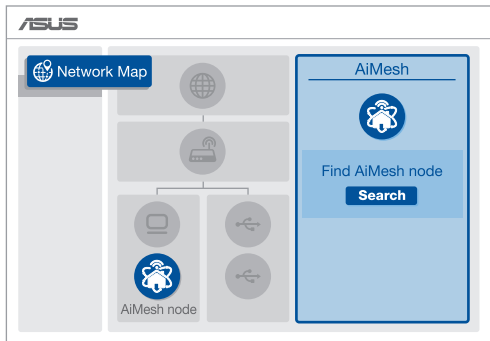
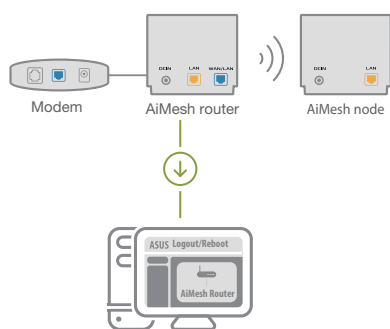


AiMesh node

AiMesh router

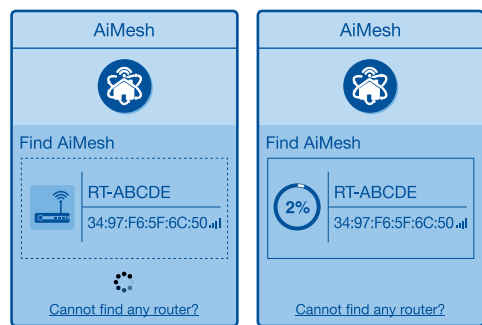
03 AiMesh router

- 1 Refer to **ONE ROUTER SETUP STEPS** to connect your AiMesh router to your PC and modem, and then log in into the web GUI.
- 2 Go to Network Map page, click AiMesh icon and then Search for your extending AiMesh node.



- 3 Click **Search**, it will automatically search for your AiMesh node nearby. 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**.

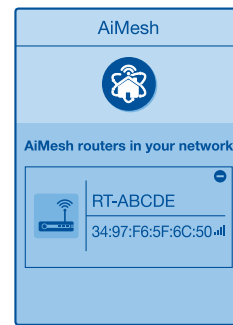


- 4 A message is displayed when synchronization is completed.

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.



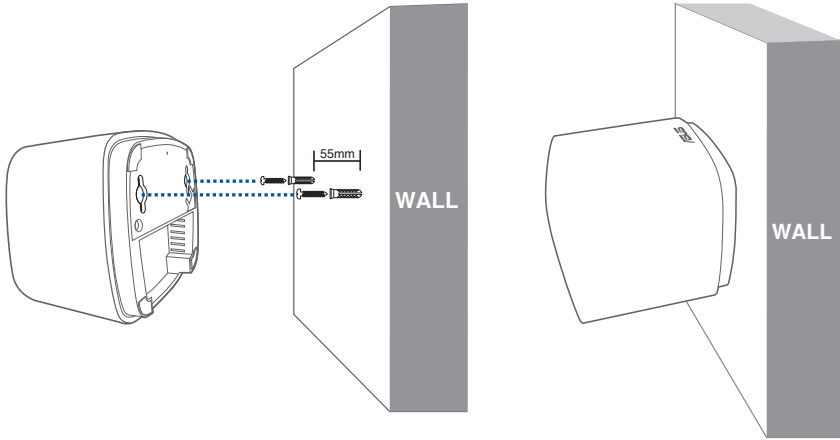
[App] Log in to your existing router via ASUS Router App and choose "Add AiMesh Node" to complete the setup.

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.

Wall-mount the ZenWiFi XD4S



IMPORTANT! You can either install it with the ASUS logo facing up or down, depending on the placement of your modem.

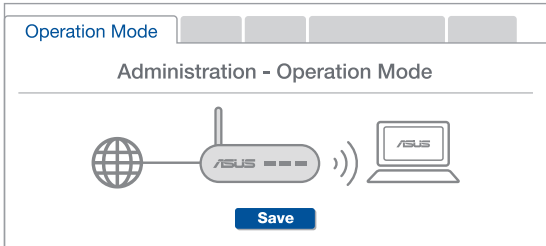
DO NOT install this equipment on the ceiling or mount it higher than 2 meters.

NOTE: It is recommended to use the attached anchor and screws.

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**.



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 51 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

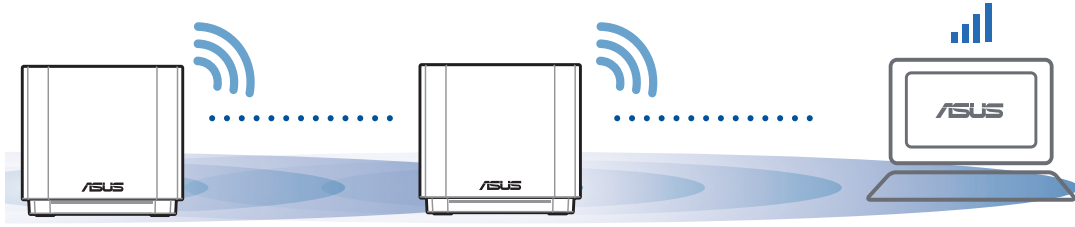
This device is restricted for indoor use

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.

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.

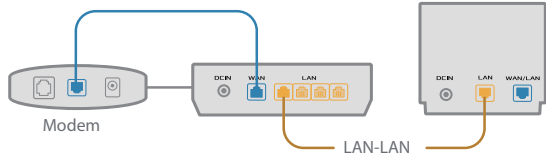
ZenWiFi XD4S LED indications

- Solid blue:
Your ZenWiFi XD4S is ready for setup.
- Solid white:
Your ZenWiFi XD4S is online and works well.
- Solid red:
Your ZenWiFi XD4S router has no Internet connection.

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

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

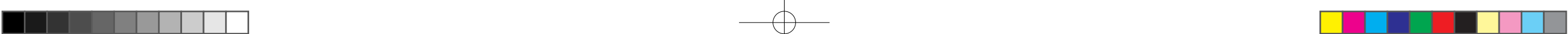
- Follow the setup steps to establish a connection between the AiMesh router and node via WiFi first.
- Place the node in the ideal locations for best coverage. Run an Ethernet cable from the LAN port of the AiMesh router to the LAN port of AiMesh node.



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

- 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.
- Utilisez ce produit dans un environnement dont la température ambiante est comprise entre 0°C (32°F) et 40°C (104°F).
- Référez-vous à l'étiquette située au dessous du produit pour vérifier que l'adaptateur secteur répond aux exigences de tension.
- NE PAS placer sur une surface irrégulière ou instable. Contactez le service après-vente si le châssis a été endommagé.
- NE PAS placer, faire tomber ou insérer d'objets sur/dans le produit.
- NE PAS exposer l'appareil à la pluie ou à l'humidité, tenez-le à distance des liquides. NE PAS utiliser le modem lors d'un orage.
- NE PAS bloquer les ouvertures destinées à la ventilation du système pour éviter que celui-ci ne surchauffe.
- NE PAS utiliser de cordons d'alimentation, d'accessoires ou autres périphériques endommagés.
- Si l'adaptateur est endommagé, n'essayez pas de le réparer vous-même. Contactez un technicien électrique qualifié ou votre revendeur.
- Pour éviter tout risque de choc électrique, débranchez le câble d'alimentation de la prise électrique avant de toucher au système.
- Ne placez pas cet appareil à une hauteur supérieure à 2 mètres.

Manufacturer	ASUSTeK Computer Inc. Tel: +886-2-2894-3447 Address: 1F, No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Authorised representative in Europe	ASUS Computer GmbH Address: HARKORT STR. 21-23, 40880 RATINGEN, GERMANY
Authorised distributors in Turkey	BOGAZICI BILGISAYAR TICARET VE SANAYI A.S. Tel./FAX No.: +90 212 331 10 00 / +90 212 332 28 90 Address: ESENTEPE MAH. BUYUKDERE CAD. ERCAN HAN B BLOK NO.121 SISLI, ISTANBUL 34394 CIZGI Elektronik San. Tic. Ltd. Sti. Tel./FAX No.: +90 212 356 70 70 / +90 212 356 70 69 Address: GURSEL MAH. AKMAN SK.47B 1 KAGITHANE/ISTANBUL KOYUNCU ELEKTRONIK BILGI ISLEM SIST. SAN. VE DIS TIC. A.S. Tel. No.: +90 216 5288888 Address: EMEK MAH.ORDU CAD. NO:18, SARIGAZI, SANCAKTEPE ISTANBUL ENDEKS BILISIM SAN VE DIS TIC LTD STI Tel./FAX No.: +90 216 523 35 70 / +90 216 523 35 71 Address: NECIP FAZIL BULVARI, KEYAP CARSI SITESI, G1 BLOK, NO:115 Y.DUDULLU, UMRANIYE, ISTANBUL PENTA TEKNOLOJİ URUNLERİ DAGITIM TICARET A.S Tel./FAX No.: +90 216 528 0000 Address: ORGANIZE SANAYİ BOLGESİ NATO YOLU 4.CADDE NO:1 UMRANIYE, ISTANBUL 34775



Quick Start Guide

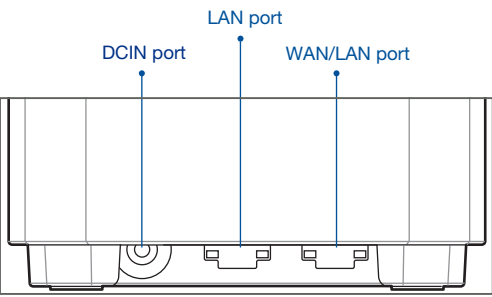
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AX1800 Dual Band WiFi Router
Model: XD4S



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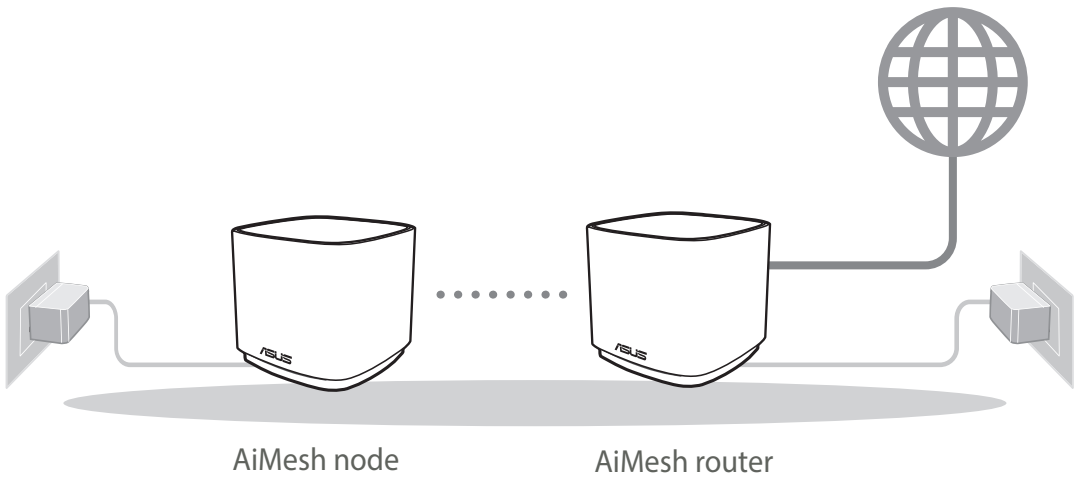
Specifications:

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 XD4S, and power them on.
- 2 Use a network cable to connect your modem to the WAN port of either ZenWiFi XD4S. This ZenWiFi XD4S will be the AiMesh router, and the other ZenWiFi XD4S will be the AiMesh node.
- 3 The LED turns solid blue to indicate that ZenWiFi XD4S is ready for setup.



ASUS Router App

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

ASUS Router



AiMesh Setup Steps

01 Prepare

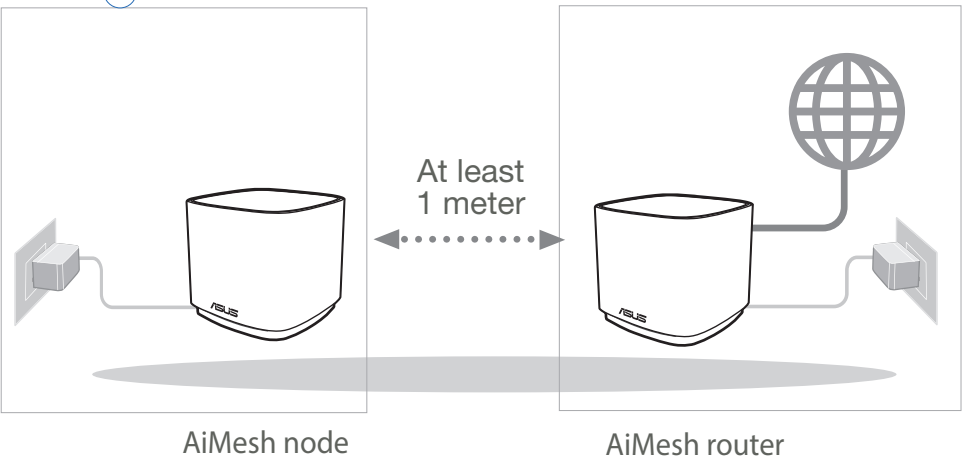
Place your AiMesh router and node in the same room and at least 1 meter apart during the setup process.

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

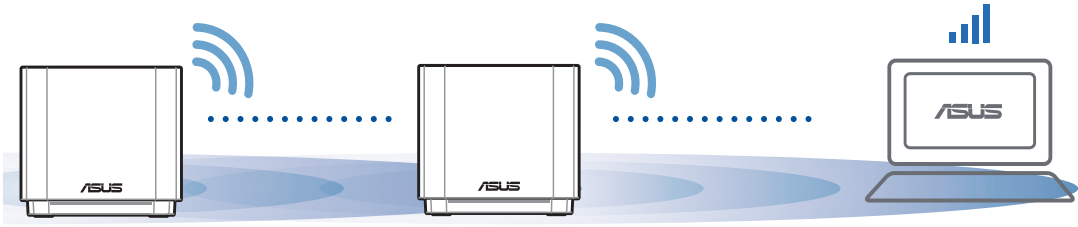
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THE BEST PERFORMANCE

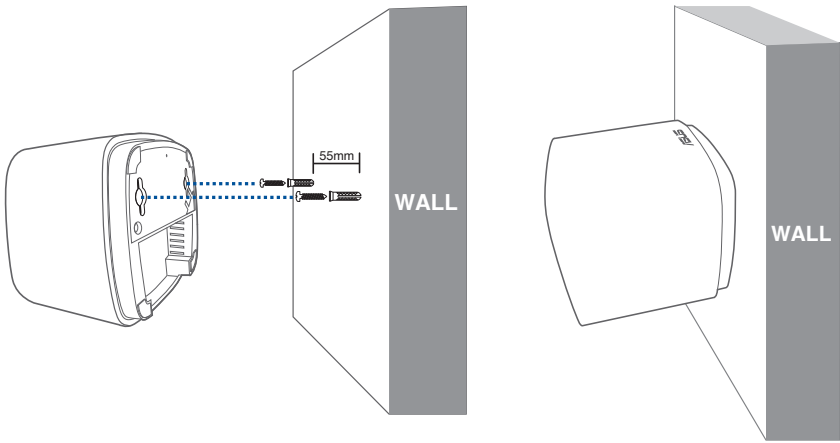
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- Solid red:
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Wall-mount the ZenWiFi XD4S



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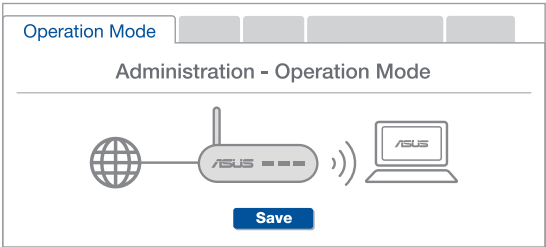
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FAQ

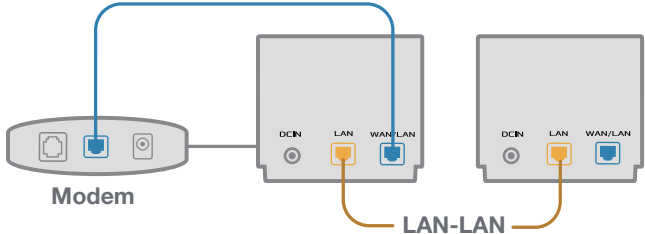
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Manufacturer	ASUSTeK Computer Inc. Tel: +886-2-2894-3447 Address: 1F, No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Authorised representative in Europe	ASUS Computer GmbH Address: HARKORT STR. 21-23, 40880 RATINGEN, GERMANY
Authorised distributors in Turkey	BOGAZICI BILGISAYAR TICARET VE SANAYI A.S. Tel./FAX No.: +90 212 331 10 00 / +90 212 332 28 90 Address: ESENTEPE MAH. BUYUKDERE CAD. ERCAN HAN B BLOK NO.121 SISLI, ISTANBUL 34394
	CIZGI Elektronik San. Tic. Ltd. Sti. Tel./FAX No.: +90 212 356 70 70 / +90 212 356 70 69 Address: GURSEL MAH. AKMAN SK.47B 1 KAGITHANE/ISTANBUL
	KOYUNCU ELEKTRONİK BİLGİ İŞLEM SİST. SAN. VE DİŞ TİC. A.Ş. Tel. No.: +90 216 5288888 Address: EMEK MAH.ORDU CAD. NO:18, SARIGAZI, SANCAKTEPE ISTANBUL
	ENDEKS BİLİŞİM SAN VE DİŞ TİC LTD ŞTİ Tel./FAX No.: +90 216 523 35 70 / +90 216 523 35 71 Address: NECİP FAZİL BULVARI, KEYAP CARSI SITESİ, G1 BLOK, NO:115 Y.DUDULLU, UMRANIYE, ISTANBUL
	PENTA TEKNOLOJİ URUNLERİ DAGITIM TICARET A.Ş Tel./FAX No.: +90 216 528 0000 Address: ORGANIZE SANAYİ BOLGESİ NATO YOLU 4.CADDE NO:1 UMRANIYE, ISTANBUL 34775