

Quick Installation Guide  
AC1200 Dual Band WiFi Extender

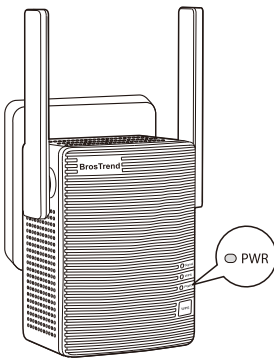
Model: E1

PWR LED	Solid on	The extender has started.
	Blinking	The extender is starting.
	Off	The extender is not powered on.
WPS LED	On	A WPS connection has been established.
	Blinking	A WPS connection is being established.
	Off	The WPS function is disabled.
Signal LED	Solid blue	The extender has connected to your existing WiFi router, and its position is proper.
	Solid red	The extender is too far away from the router. Relocate the extender closer to the router.
	Off	The extender does not connect to your WiFi router.

Method 1: Extending Your WiFi Network Using Web UI

**1** Power on the Extender

Plug the extender into a power outlet near the router in the same room.



Wait until the PWR LED turns solid blue.

**2** Extend Your WiFi Network

1. Connect your WiFi device to the extender's WiFi network **BrosTrend\_EXT**.

WLAN

BrosTrend\_EXT

Ensure that the **Mobile Data** (if any) function of your WiFi device is disabled.

2. Start a web browser, enter **re.brostromend.com** or **192.168.0.254** in the address bar to login. Create a login password for later attempts (recommend).

re.brostromend.com

Password (5-32 characters)

Confirm

Next

Not Now

3. Select a WiFi network (SSID) you want to extend.

Select a WiFi network you want to extend...

My\_home\_wifi

Rescan

Switch Mode

4. Enter the password of the WiFi network you want to extend.

Your existing WiFi network

Enter the password of "My\_home\_wifi"

The extended WiFi network

SSID

My\_home\_wifi\_5GEXT

Password of the extended network is same as your existing WiFi network.

Back

Extend

Wait a moment, the **Extended successfully!** page appears.

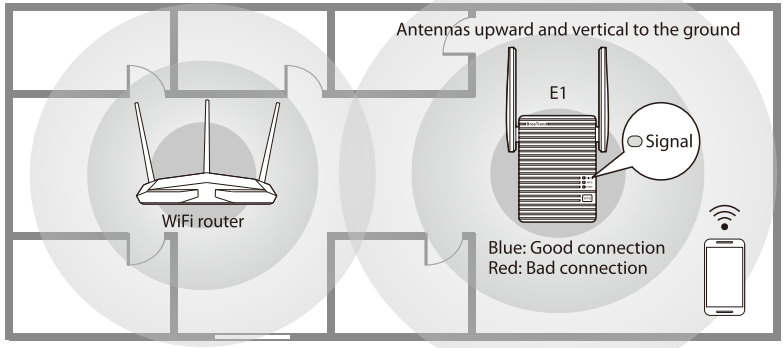
**3** Relocate the Extender

1. For better performance, plug the extender into an outlet halfway between the router and the WiFi dead zone.

The location you choose must be within the range of your existing WiFi network.

2. Wait until the Signal LED turns blue. If not, relocate the extender closer to the router.

3. Connect your WiFi devices to the extender using the SSIDs set by yourself, or your router's SSID with a suffix **\_EXT/5GEXT**, and using the WiFi password same as your WiFi router.

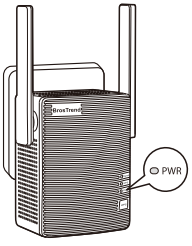


Method 2: Extending Your WiFi Network Using WPS

You can use Method 2 if your router has a WPS button (possible icons of a WPS button: , , or ). Otherwise, use Method 1.

**1** Power on the Extender

Plug the extender into a power outlet near the router in the same room.



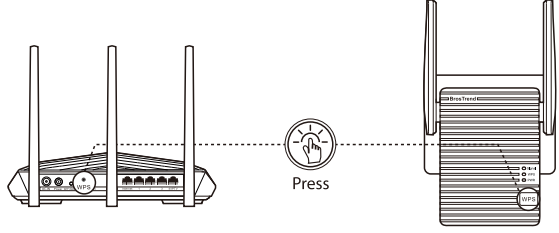
Wait until the PWR LED turns solid blue.

**3** Relocate the Extender

Please refer to Step #3 in Method #1

**2** Extend Your WiFi Network

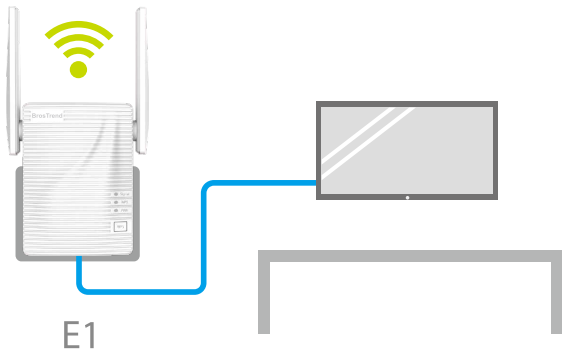
1. Press the WPS button on the router and within 2 minutes press the WPS button on the extender.



2. Wait until the Signal LED on the extender turns solid blue. If the Signal LED does not turn solid blue, try Method 1.

Works As WiFi Adapter for Smart TVs, Game Consoles

After you have configured E1 BrosTrend WiFi extender successfully. Please use Ethernet cable to connect the Ethernet port of BrosTrend WiFi extender to the Ethernet port of your Smart TVs, game consoles, media player, computers etc. And your these devices will be connected to the WiFi Internet via the Ethernet port of E1. \*In this case, you need to configure the IP Address and DNS server address of these devices as AUTO OBTAIN.



☒ Obtain an IP address automatically

☐ Use the following IP address:

IP address:

Subnet mask:

Default gateway:

☒ Obtain DNS server address automatically☐ Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

FAQ

Q1: I cannot login to the web UI of the extender. What should I do?

Try the following solutions:

- If a WiFi device is used, ensure that your WiFi device has connected to the extender's WiFi network **BrosTrend\_EXT**, and the **Mobile Data** (if any) function is disabled.
- If a computer is used, ensure that your computer has connected to the extender's WiFi network **BrosTrend\_EXT**, and your computer has set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.
- Restore the extender to factory settings, and try again.

Q2: How to restore the extender to factory settings?

When the PWR LED of the extender is solid on, press the RESET button on the extender using a paper clip, and release. After the PWR LED turns solid on, the extender is restored to the factory settings.

Q3: The extender cannot find the WiFi network of my router. What should I do?

The router may be encrypted with **WEP** or **WPA/WPA (Enterprise)** algorithm. Change the encryption type of the router to **WPA-PSK** or **WPA2-PSK**, and try scanning again.



CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Operations in the 5.15-5.25GHz band are restricted to indoor use only.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**NOTE:** (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.  
(2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Declaration of Conformity

Hereby, BrosTrend Technology LLC declares that the radio equipment type E1 is in compliance with Directive 2014/53/EU.

For the full text of the EU declaration of conformity, please send us an email at support@brostrend.com

Operate Frequency:	EIRP Power (Max.):
2.4G: EU/2400-2483.5MHz (CH1-CH13)	2.4GHz: 19.5dBm
5G: EU/5150-5250MHz (CH36-CH48)	5GHz: 20.5dBm

Software Version: V15.13.07.06



FCC Statement

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.

This device is restricted to be used in the indoor.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**NOTE:** (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

IC RSS warning

Industry Canada(RSS-Gen Issue 4)

The device for 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 les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux

This device complies with Industry Canada's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Industrie 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;  
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK

Operating temperature: 0°C~40°C    Operating humidity: 10%-90% RH, non-condensing

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Technical Support

Dear Customer,  
Thanks a lot for choosing BrosTrend Wi-Fi extender. Please kindly follow the above steps to install your BrosTrend WiFi extender; If you need any assistance in using this product, please kindly contact us by sending email at: support@brostrend.com Your product review and feedback is important to us. Please kindly click your order to leave your comments. Your small effort means a lot to us. If you have any problem in using this product, please kindly contact us by email before leaving any product review or feedback.Thanks a lot!



We love our customers!

With Best Regards!  
BrosTrend Wi-Fi Products Technical Support Team  
www.brostrend.com | 24/7 Hours Technical Support Email:  
**support@brostrend.com**