TOTO LINK
The Smartest Network Device

Quick Installation Guide
AC1200 Dual Band Wi-Fi Range Extender

Model: EX1200M

1 Hardware Connection

Extended Network · Phone · ipad · Notebook · Computer
Primary Network · Router · Extender
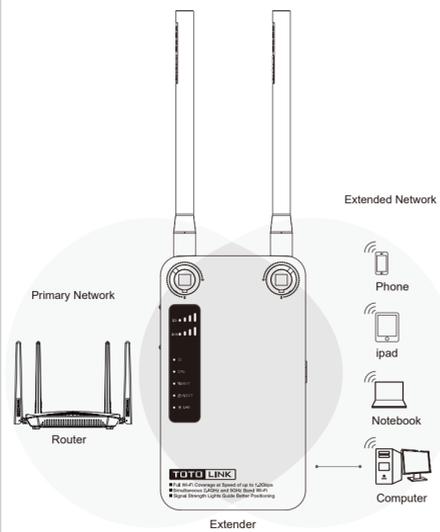
Port and button function description

LAN Port	Connect the computer or switch by using the RJ45 cable.
RST	To restore extender to the factory settings: Plug the extender into a power outlet, using a paperclip, press and hold the reset pinhole for over 5 seconds until the CPU blinking quickly, and then let go. The extender will then reboot and be at factory default settings.
MESH Button	Enable MESH function. When the MESH function of the superior router is enabled, press the MESH button on extender, then the extender can connect to the superior router.
WPS Button	Enable 2.4GHz/5GHz WPS function. When the WPS function of the superior router is enabled, press the WPS button on extender, then the extender can connect to the superior router.
Power ON/OFF toggle switch	ON: Power on / OFF: Power off

LED indicator status description

	Solid on	The power is on
	Off	The power is off
CPU	Slow blinking	The extender is working properly
	Quick blinking	When the reset process is being proceeded
	Solid on	When the WPS or MESH button is pressed, it will last for 2 minutes
5G EXT	Solid on	Extender is exchanging 5G data with the wireless router
	Off	No 5G data is being transmitted between the Extender and the wireless router
2.4G EXT	Solid on	Extender is exchanging 5G data with the wireless router
	Off	No 2.4G data is being transmitted between the Extender and the wireless router
LAN	Solid on	Lan port is connected
	Off	Lan port is not connected
	Blinking	Transmitting data
	It indicates the wireless signal strength in 5G network between the Extender and the wireless router	
	It indicates the wireless signal strength in 2.4G network between the Extender and the wireless router	

2 Quick Setup for EX1200M Pro

Option 1: Using your phone

(1) Place the Extender within the range of your wireless router, plug it into an electrical outlet, and then move the toggle switch to "ON" position. Wait until the CPU indicator becomes blink slowly which means the extender is working normally. (P1-1)
(2) Go to WLAN Settings on your phone. Find the SSID **TOTOLINK_EX1200M Pro** or **TOTOLINK_EX1200M Pro_5G** and connect to it. (P1-2)

P1-1   P1-2

Option 2: Using WPS(Wi-Fi Protected Set-up)
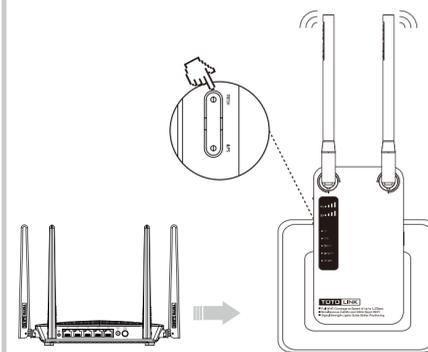
Please use Option1 if your router doesn't support WPS function.
1. Plug the extender into an electrical outlet near your router(we suggest within two meters), and wait until it work normally.
2. Press and hold the WPS button 1-3 seconds on extender, until the WPS LED light is solid on. Then press the WPS button on router within 2 minutes.
3. Wait a moment and it indicates OK when the 2.4G/5G indicator remains solid on.
4. After completing the configuration, please move the extender to a suitable location according to part 3 of this manual. Wait about 1 minute and observe the 2.4G/5G LED's color to ensure that the extender is in suitable place.

3 EasyMesh Networking Function

EX1200M Pro has EasyMesh networking function, can work as slave device in mesh network. With the EasyMesh networking function, the network units can work together to form a unified network with a single network name. When you move around the house, the device will automatically switch between the two to get the fastest possible speed. The specific operation steps of networking function setting are as follows.

1 Installation Diagram

Master Device: Networked
Internet · Within 1 meter
Slave Device: Factory State   Slave Device: Factory State
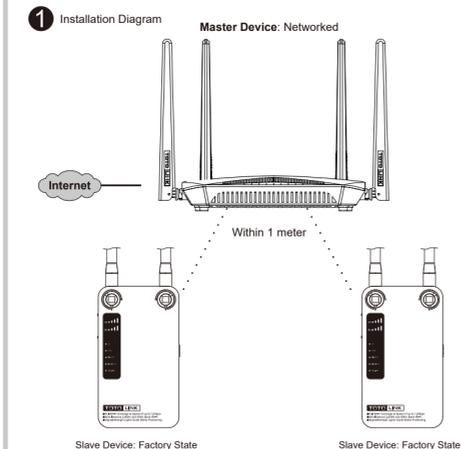
2 Build Master Device Environment
Make sure you have a TOTOLINK EasyMesh router which is setup and connected to Internet before installation. Connect your phone with the extender. Then open web browser, enter **http://itotolink.net** in address bar, and log in to the web management interface of the master device. Then select **EasyMesh** settings, choose **Mesh Settings**, click"**ON/OFF**" and setting basic information, then click "**Apply**". Waiting for setting to complete.

http://itotolink.net

3 Build Slave Device Environment
Make sure extender is powerd on, and in factory setting. If you already changed setup, please reset the extender. (You can find how to restore the extender in FAQs)

4 EasyMesh Networking Pairing
(1) EasyMesh: Press MESH button on master device first, then press MESH button on extender, it will pairing successfully within two minutes. If you want to pair multiple devices, repeat the step above.
Note: if your product doesn't have MESH button, use WPS button to replace it.

(3) Open any browser and enter **http://itotolink.net** or **192.168.0.254** on address bar, then it jumps to configuration interface as below. Click **Repeater Mode** and then select the Wi-Fi band you want to extend.(P2-P3)

(4) Select your superior router's 2.4GHz or 5GHz primary network and enter the password, then click **Next**.(P4-P5) (You can either keep the same SSID as your primary network or create new name for networks. For new SSID, please click **Modify SSID & Password of extended Wi-Fi.**)

(5) Please check whether the configuration information is correct. If it is correct, it is recommended to take a screenshot to save the information, then click **OK**. Wait for a while, please follow the instruction in the Setting Result page to check whether the extension is successful. If the 5G/2.4G indicator is on, the extension is successful. (P6-P7) Please reconnect to Wi-Fi and adjust it to a suitable place according to the instructions in Part 3 of this manual.

P2   P3   P4   P5   P6   P7

(2) After the mesh connection is successful, use the browser to enter http://itotolink.net and click "EasyMesh"-"Mesh Status" to view the status of the mesh connection.

http://itotolink.net

4 Adjust the Position of the Extender

1 As long as the setup on the Extender is finished, it won't change unless you perform the reset operation. You can move it to another place within the wireless range and experience the extended distance of your Wi-Finetwork.

2 In order to get a better effect of the signals' extending, please ensure there are at least two signal LEDs light up. Otherwise, please adjust the position of the extender.
Note:
* Place the Extender in an open space, and keep the number of walls and ceilings between to a minimum.
* Keep away from electrical devices that are potential sources of electromagnetic interference, including microwaves, Bluetooth devices,or other 2.4 GHz household appliances.

5 FAQs

Q1: How can I set up the extender by using a Web browser?
A1: First plug the extender into an electrical outlet near your router and wait until it get start. Then connect the computer and the router through the network cable (or through wireless connection). Open any browser, enter http://itotolink.net or 192.168.0.254 on address bar and it will jump to the configuration interface; then choose repeater mode in this configuration page. Next, select the SSID of superior router and enter the password; then click "connect" and it will start configurating.
(To modify the network name and password that has been extended, please check "Modify SSID & Password of extended Wi-Fi" and then enter New SSID and password on the text box).

Q2: What should I do if I cannot access the extender's phone-based interface?
A1: Make sure your phone is connected to the Extended network SSID.
A2: Verify that 192.168.0.254 is correctly entered in phone browser.
A3: Reset the repeater, and try again.

Q3: Does this extender support simultaneous 2.4G and 5G signal extension?
A: No,it doesn't.You can only extend one of them.

Q4: How do I restore the extender to its factory default settings?
A: Plug the extender into a power outlet, using a paperclip, press and hold the reset pinhole for over 5 seconds until the CPU blinking quickly, and then let go. The extender will then reboot and be at factory default settings.

FCC warning