



NETGEAR EX6110 AC1200 WiFi Range Extender User Guide

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NETGEAR EX6110 AC1200 WiFi Range Extender



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LED Descriptions



LED	Description
Power	<ul style="list-style-type: none"> • Solid amber. The extender is booting. • Solid green. The extender is powered on. • Off. The extender is powered off.
Router	<p>This LED indicates the network connection between the extender and the router or access point.</p> <ul style="list-style-type: none"> • Solid green. Best connection. • Solid amber. Good connection. • Solid red. Poor connection. • Off. No connection.
Device	<p>This LED indicates the network connection between the extender and a computer or mobile device.</p> <ul style="list-style-type: none"> • Solid green. Best connection. • Solid amber. Good connection. • Solid red. Poor connection. • Off. No connection.
WPS	<ul style="list-style-type: none"> • Solid green. WiFi security is enabled (WPA or WPA2). • Blinking green. A WPS connection is being established. • Off. WiFi security is not enabled.

Place the Extender and Supply Power

1. Place your extender in the same room as your WiFi router.

Proximity to the WiFi router is required only during the initial setup process.

2. Plug the extender into an electrical outlet.

Wait for the Power LED to light green. If the Power LED does not light, press the **Power On/Off** button on the side of the extender.

Connect the Extender to Your WiFi Network

You can connect with WPS or you can use the NETGEAR installation assistant from a web browser.

Connect With WPS

Wi-Fi Protected Setup (WPS) lets you join a secure WiFi network without typing the network name and password.



NOTE: WPS does not support WEP network security. If you are using WEP security, follow the instructions in [Connect With the NETGEAR Installation Assistant](#) on the other side of this quick start guide.

1. Press the **WPS** button on the extender until the WPS LED blinks.
2. Within two minutes, press the **WPS** button on your router or access point. When the extender connects to your existing WiFi network, the WPS LED on the extender lights solid green and the Router LED lights.
If the Router LED does not light, try again. If it still does not light, see [Connect With the NETGEAR Installation Assistant](#) on the other side of this quick start guide.
3. If your WiFi router supports the 5 GHz band, repeat Steps 1 and 2 to connect the extender to the 5 GHz band.
4. Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal.

DO



DON'T



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

5. Plug the extender into an electrical outlet and wait for the Power LED to light green.
6. Use the Router LED to help you choose a spot where the extender-to-router connection is optimal.
7. If the Router LED doesn't light amber or green, plug the extender into an outlet closer to the router and try again.

Keep moving the extender to outlets closer to the router until the Router LED lights amber or green.

8. On your computer or mobile device, find and connect to a new extender WiFi network.

The extender creates two new extender WiFi networks. The extender's new WiFi network names are based on your existing WiFi network name, with _2GEXT and _5GEXT at the end of the name.

For example:

- **Existing WiFi network name.** MyNetworkName
- **New extender WiFi network names.**

MyNetworkName_2GEXT and

MyNetworkName_5GEXT

Use the same WiFi password that you use for your WiFi router.

9. Test the new extender WiFi range by moving your computer or mobile device to the area with a poor router WiFi signal:
 - a. Leave your computer or mobile device in the area with a poor router WiFi signal and return to the extender.
 - b. Check the Device LED on the extender:
 - If the Device LED is solid green or amber, your new extender WiFi network reaches the area with a poor router WiFi signal and your network setup is complete.
 - If the Device LED is red, your new extender WiFi network does not reach the area with a poor router WiFi signal.

You must move your computer or mobile device closer to the extender until the Device LED turns solid green or amber.

Connect With the NETGEAR Installation Assistant

1. On a computer or mobile device, open the WiFi connection manager and find and connect to the extender network called NETGEAR_EXT.

When you are connected to the extender, the Device LED lights.

2. Launch a web browser.
3. Visit www.mywifiext.net.

The NETGEAR installation assistant displays.

4. Follow the prompts to connect your extender to your existing WiFi network.
5. Unplug the extender and move it to a new location about halfway between your router and the area with a poor WiFi signal.

DO



DON'T



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

6. Plug the extender into an electrical outlet and wait for the Power LED to light green.
7. Use the Router LED to help you choose a spot where the extender-to-router connection is optimal.
8. If the Router LED doesn't light amber or green, plug the extender into an outlet closer to the router and try again.

Keep moving the extender to outlets closer to the router until the Router LED lights amber or green.

9. Reconnect your computer or mobile device to the new extender WiFi network.
10. Test the new extended WiFi range by moving your computer or mobile device to the area with a poor router WiFi signal:
 - a. Leave your computer or mobile device in the area with a poor router WiFi signal and return to the extender.
 - b. Check the Device LED on the extender:
 - If the Device LED is solid green or amber, your new extender WiFi network reaches the area with a poor router WiFi signal and your network setup is complete.
 - If the Device LED is red, your new extender WiFi network does not reach the area with a poor router WiFi signal.

You must move your computer or mobile device closer to the extender until the Device LED turns solid green or amber.

11. Plug the extender into an electrical outlet and wait for the Power LED to light green.

If the Power LED does not light, press the **Power On/Off** button.

Access Extender Settings

After installation, you can log in to the extender to view or change the extender's settings.

1. Launch a web browser from a computer or mobile device that is connected to your extender network.

When you are connected to the extender, the Device Link LED lights.

2. Log in to your extender:

- If your extender and router use different WiFi network names (SSIDs), visit www.mywifiext.net.
- If your extender and router use the same WiFi network name (SSID), enter <http://<extender's IP address>> (for example, <http://192.168.1.3>).

To find your extender's IP address, do the following:

- a. Log in to your router.
- b. Find the page in your router web interface that lists the devices connected to your router.
- c. Find your extender in the list and note your extender's IP address.
- d. Enter your extender's IP address in the address field of your web browser.

A login page displays.

3. Enter your admin email and password and click the **LOG IN** button. ([Login/reset instructions](#))

The Status page displays.

Support and Community

Visit netgear.com/support to get your questions answered and access the latest downloads.

You can also check out our NETGEAR Community for helpful advice at community.netgear.com"

Regulatory and Legal

(If this product is sold in Canada, you can access this document in Canadian French at <https://www.netgear.com/support/download/>.)

For regulatory compliance information including the EU Declaration of Conformity, visit <https://www.netgear.com/about/regulatory/>.

See the regulatory compliance document before connecting the power supply.

For NETGEAR's Privacy Policy, visit <https://www.netgear.com/about/privacy-policy/>.

By using this device, you are agreeing to NETGEAR's Terms and Conditions at <https://www.netgear.com/about/terms-and-conditions/>. If you do not agree, return the device to your place of purchase within your return period.

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Documents / Resources



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EX6110, AC1200 WiFi Range Extender, EX6110 AC1200 WiFi Range Extender

References

- [!\[\]\(6841ca9b0e023296428e7c9e683b9367_img.jpg\) English - NETGEAR Communities](#)
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