LED descriptions

<table>
<thead>
<tr>
<th>LED</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPS</td>
<td>A WPS connection is enabled. Move the WiFi-enabled device closer to the extender.</td>
</tr>
<tr>
<td>Client Link</td>
<td>The extended network is enabled, the WiFi device connects to the extender and reserve an IP address for your extender:</td>
</tr>
<tr>
<td>Router Link</td>
<td>The extender is within range of the router.</td>
</tr>
</tbody>
</table>

LED descriptions:

- Blinking: Move the WiFi-enabled device closer to the extender.
- Off: The extender is powered off.

- Blinking: A WiFi connection is being established.
- Solid green: The extended network is enabled with WiFi security (either WPA or WPA2).
- Solid amber: The extended network is enabled without WiFi security.
- Solid red: No connection.
- Blinking red: Poor connection.
- Blinking amber: Good connection.
- Solid red: Poor connection.
- Blinking green: Best connection.
- Solid green: Solid red: Best connection.

Configure a router with advanced MAC settings to work with your extender:

If you enabled a WiFi MAC filter, WiFi access control, or ACL on your router, when a WiFi device connects through the extender to your router, the MAC address of the WiFi device shown on the router is translated to another MAC address. If your router's MAC filter, WiFi access control, or ACL is enabled, the WiFi device connects to the extender but cannot get an IP address from the extender and cannot access the Internet.

To allow the WiFi device to receive an IP address from the extender and access the Internet, you must provide the translated MAC address to the router.

To add a translated MAC address to your router and reserve an IP address for your extender:

1. Log in to your router and disable the MAC filter, WiFi access control, or ACL. For more information about how to disable your router’s WiFi settings, see your WiFi access control, or ACL, see your router’s documentation.

2. Power on the extender and connect all of your WiFi devices to this extender.

3. Make sure that the Router Link LED remains lit.

4. Log in to your extender:
   a. A login page displays.
   b. Enter your admin user name and password and click the LOG IN button.
   c. Enter your admin user name and password and click the LOG IN button.
   d. See the regulatory compliance document before connecting the power supply.

To add a translated MAC address to your router and reserve an IP address for your extender:

1. Log in to your router and disable the MAC filter, WiFi access control, or ACL. For more information about how to disable your router's WiFi settings, see your WiFi access control, or ACL, see your router's documentation.

2. Power on the extender and connect all of your WiFi devices to this extender.

3. Make sure that the Router Link LED remains lit.

4. Log in to your extender:
   a. A login page displays.
After the setup, the One WiFi Name feature is enabled, which allows your extender to use the same WiFi network settings as your router.

If you used the Nighthawk app to connect your extender, the following table lists examples of what your extended WiFi names might look like:

<table>
<thead>
<tr>
<th>Dual-band router WiFi names</th>
<th>Extended WiFi names</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4 GHz</td>
<td>MyWiFiExample</td>
</tr>
<tr>
<td>5 GHz</td>
<td>MyWiFiExample‑5G</td>
</tr>
</tbody>
</table>

If you used WPS to connect your extender, the extended WiFi network name is based on the first WiFi network that it connected to—2.4 or 5 GHz. The following table lists examples of what your extended WiFi name might look like:

<table>
<thead>
<tr>
<th>Dual-band router WiFi names</th>
<th>Extender connects to this network</th>
<th>Extended WiFi name for 2.4 GHz</th>
<th>5 GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4 GHz</td>
<td>MyWiFiExample</td>
<td>MyWiFiExample</td>
<td>MyWiFiExample‑5G</td>
</tr>
<tr>
<td>5 GHz</td>
<td>MyWiFiExample‑5G</td>
<td>MyWiFiExample</td>
<td>MyWiFiExample‑5G</td>
</tr>
</tbody>
</table>

Connect your device to the extended network

After the setup, the One WiFi Name feature is enabled, which allows your extender to use the same WiFi network settings as your router.

If you used the Nighthawk app to connect your extender, the following table lists examples of what your extended WiFi names might look like:

- Dual band router WiFi names
  - Extended WiFi names
    - 2.4 GHz: MyWiFiExample
    - 5 GHz: MyWiFiExample‑5G

If you used WPS to connect your extender, the extended WiFi name is based on the first WiFi network that it connected to—2.4 or 5 GHz. The following table lists examples of what your extended WiFi name might look like:

- Dual band router WiFi names
  - Extended WiFi names
    - 2.4 GHz: MyWiFiExample
    - 5 GHz: MyWiFiExample‑5G

Connect with the Nighthawk app

1. Download the Nighthawk app on your mobile device.
   - For more information about the Nighthawk app, visit Nighthawk-app.com.
2. On your mobile device, open the WiFi connection manager, then locate and connect to the extender network called NETGEAR_EXT.
3. Launch the Nighthawk app.
4. Follow the prompts to connect your extender to your router WiFi network.
5. After the setup is complete, move your extender to a new location.
   - For more information, see Find a good spot for your extender.
6. Connect your WiFi-enabled devices to the extended network.
   - For more information, see Connect your device to the extended network.

Connect with WPS

1. Press the WPS button on the extender for less than five seconds.
   - The WPS LED lights.
   - Note: If you press the WPS button for more than five seconds, the extender turns off.
2. Within two minutes, press the WPS button on your router.
   - When the extender connects to the router, the Router Link LED lights.
   - If the Router Link LED lights green, the connection between your router and extender is good. If the Router Link LED lights amber or red, move the extender closer to the router and try again.
   - Note: If your router supports the 5 GHz band and your extender didn’t connect to that band, repeat the WPS process.
3. Move your extender to a new location.
   - For more information, see Find a good spot for your extender.
4. Connect your WiFi-enabled devices to the extended network.
   - For more information, see Connect your device to the extended network.

Find a good spot for your extender

1. Unplug your extender and move it to a new location.
   - We recommend that the new location be about halfway between your router and the area with a poor WiFi signal.
   - The extender must be within the range of your router WiFi network.
2. Power on your extender.
3. Use the Router Link LED, to find a spot where the extender-to-router connection is optimal.
   - For more information about the Router Link LED, see LED descriptions on the other side of this quick start guide.
4. Move your extender to a new location.
   - For more information, see Find a good spot for your extender.
5. Connect your WiFi-enabled devices to the extended network.
   - For more information, see Connect your device to the extended network.