Quick Start
AX8 WiFi Cable Modem Router
Model CAX80

Download the Nighthawk app to get started

For more information about the Nighthawk app, visit Nighthawk-app.com. Set up your modem router and activate your Internet service with the Nighthawk app.

If you don’t want to use the Nighthawk app, set up your modem router using the instructions in Set up using the modem router web interface, and activate your Internet service using the instructions in Activate your Internet service.

LED Description
Power
• Solid white. The modem router is receiving power and is functioning normally.
• Off. The modem router is not receiving power.
• Solid red. The modem router is too warm and might overheat.

Downstream
• Solid amber. One downstream channel is locked.
• Solid white. Two or more downstream channels are locked.
• Blinking white. The modem router is scanning for a downstream channel.
• Off. No downstream channel is locked.

Upstream
• Solid amber. One upstream channel is locked.
• Solid white. Two or more upstream channels are locked.
• Blinking white. The modem router is scanning for an upstream channel.
• Off. No upstream channel is locked.

Online
• Solid white. The modem router is online.
• Blinking white. The modem router is scanning for an upstream channel.
• Off. The modem router is offline.

Multi-Gig Ethernet
• Solid. A powered-on device is connected to the port.
• Blinking. The port is sending or receiving traffic.
• Off. No device is connected to this port.

Ethernet
• Solid white. The 2.4 GHz WiFi radio is operating.
• Blinking white. The modem router is sending or receiving WiFi traffic.
• Off. The 2.4 GHz WiFi radio is off.

USB
• Solid white. A USB device is connected and ready.
• Blinking white. A USB device is plugged in and trying to connect.
• Off. No USB device is connected.

WPS button
Pressing this button lets you use WPS to join the WiFi network without typing the password.

WiFi button
Pressing this button for two seconds turns the 2.4 GHz and 5 GHz WiFi radios on and off.

Support
Thank you for purchasing this NETGEAR product. You can visit https://www.netgear.com/support to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

For regulatory compliance information, visit https://www.netgear.com/about/regulatory/.

Customer-owned cable modems might not be compatible with certain cable networks. Check with your cable Internet provider to confirm that this NETGEAR cable modem is allowed on your cable network.

If you are experiencing trouble installing your modem router, contact NETGEAR at 1-866-874-8924. If you are experiencing trouble connecting your router, contact the router manufacturer.

Note to CATV system Installer: This reminder is provided to call the CATV systems installer’s attention to Section 820-93 of the National Electrical Code, which provides guidelines for proper grounding and in particular, specifies that coaxial cable shield shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

For more information about the Nighthawk app, visit Nighthawk-app.com.

Thank you for purchasing this NETGEAR product. You can visit https://www.netgear.com/support to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

For regulatory compliance information, visit https://www.netgear.com/about/regulatory/.

See the regulatory compliance document before connecting the power supply.

Customer-owned cable modems might not be compatible with certain cable networks. Check with your cable Internet provider to confirm that this NETGEAR cable modem is allowed on your cable network.

If you are experiencing trouble installing your modem router, contact NETGEAR at 1-866-874-8924. If you are experiencing trouble connecting your router, contact the router manufacturer.

Note to CATV system Installer: This reminder is provided to call the CATV systems installer’s attention to Section 820-93 of the National Electrical Code, which provides guidelines for proper grounding and in particular, specifies that coaxial cable shield shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

For more information about the Nighthawk app, visit Nighthawk-app.com.

Set up your modem router and activate your Internet service with the Nighthawk app.

If you don’t want to use the Nighthawk app, set up your modem router using the instructions in Set up using the modem router web interface, and activate your Internet service using the instructions in Activate your Internet service.
1. Collect your cable Internet service provider (ISP) account information. Collect your ISP account information, such as your account mobile phone number, user name, password, and account number.

2. Turn off and disconnect existing modems and routers. If you are replacing a modem that is currently connected in your home, unplug the modem and plug the new modem router into the same outlet.

3. Connect a coaxial cable. Use a coaxial cable to connect the coaxial cable connector on the modem router to the cable wall outlet.

4. Connect the power adapter. Connect the power adapter to modem router and plug the power adapter into an electrical outlet. The startup procedure takes about one minute. When it is complete, the Power LED lights solid white.

5. Wait for the Online LED to light solid white. This process might take up to 10 minutes.

Note: When the Online LED lights, your modem router is still not connected to the Internet. You must activate your modem router with your ISP.

6. Connect your computer or mobile device to the modem router with Ethernet or WiFi:
   - **Ethernet**: Use an Ethernet cable to connect a computer to an Ethernet port on the modem router.
   - **WiFi**: Use the WiFi network name (SSID) and password on the product label to connect.

7. Launch a web browser and set up your modem router. Enter `routerlogin.net` or `192.168.1.1` in the address field of the web browser. Follow the prompts. You are asked to do the following:
   - Agree to the Terms and Conditions
   - Change your modem router’s admin credentials and set up security questions
   - Set up your WiFi network name and password

8. Make sure that you can log in to the modem router web interface after the setup. In a new web browser window, enter `routerlogin.net` or `192.168.1.1` and then enter the modem router admin user name and password. If the BASIC Home page displays, you are ready to activate your Internet service.

**Activate your Internet service**

Before you start the self-activation process, collect the following information:
- Your ISP account information
- Cable modem router model number, which is CAX80
- Cable modem router serial number (on the product label)
- Cable modem router MAC address (on the product label)

The following table lists contact information for ISPs that support your cable modem router.

<table>
<thead>
<tr>
<th>Cable Internet Provider</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cox</td>
<td><a href="https://www.cox.com/activate">https://www.cox.com/activate</a></td>
</tr>
<tr>
<td>Mediacom</td>
<td><a href="https://support.mediacomcable.com/">https://support.mediacomcable.com/</a></td>
</tr>
<tr>
<td>Sparklight</td>
<td><a href="https://support.sparklight.com/">https://support.sparklight.com/</a></td>
</tr>
<tr>
<td>Spectrum</td>
<td><a href="https://activate.spectrum.net/">https://activate.spectrum.net/</a></td>
</tr>
</tbody>
</table>

Note: Your ISP’s contact information might change. You can also find the contact information in your monthly Internet service billing statement.

1. Visit your ISP’s website and follow the onscreen instructions to activate your Internet service.
2. To determine the accurate Internet speed, visit your ISP’s speed test website and perform a speed test.