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 a upstream channel. • **Off**. No upstream channel is locked.
Internet	• **Solid white**. The modem router is online. • **Blinking white**. The modem router is synchronizing with the cable provider's cable modem termination system (CMTS). • **Off**. The modem router is offline.
Multi-Gig Ethernet **Multi-Gig**	The LED color indicates the speed: blue for 2.5Gbps, white for Gigabit Ethernet connections and amber for 100 Mbps or 10 Mbps Ethernet connections. • **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 1 2 3 4	The LED color indicates the speed: white for Gigabit Ethernet connections and amber for 100 Mbps or 10 Mbps Ethernet connections. • **Solid**. A powered-on device is connected to the Ethernet port. • **Blinking**. The port is sending or receiving traffic. • **Off**. No device is connected to this Ethernet port.
2.4 GHz radio 2.4 GHz	• **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.
5 GHz radio 5 GHz	• **Solid white**. The 5 GHz WiFi radio is operating. • **Blinking white**. The modem router is sending or receiving WiFi traffic. • **Off**. The 5 GHz WiFi radio is off.

LED	Description
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/*.

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 connected to the grounding system of the building, as close to the point of cable entry as practical

---

NETGEAR®

Quick Start

NIGHTHAWK®
AX6000 WiFi Cable Modem Router
Model CAX80

Download the Nighthawk app to get started

Download on the **App Store**

GET IT ON **Google Play**

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 Nighthwaki app, set up your modem router using the instructions in *Set up using the router web interface*, and activate your Internet service using the instructions in *Activate Your Internet Service*.

Package contents

Ethernet cable

Power adapter

Cable modem router

Set up using the router web interface

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.

Coaxial connector

Power connector

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.

   You are automatically redirected to the modem router web interface. If you're not redirected, 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 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.

Cable Internet Provider	Contact Information
Cablevision	*https://www.cableone.net/* 1-877-MY-CABLE (1-877-692-2253)
Cox	*https://www.cox.com/activate* 1-888-556-1193
Mediacom	*https://support.mediacomcable.com/* 1-855-Mediacom (1-855-633-4226)
Optimum	*https://install.optimum.com/JointInstall/* 1-877-810-6750
Spectrum	*https://activate.spectrum.net/* 1-(833) 267-6094
Xfinity	*https://register.xfinity.com/* *https://www.xfinity.com/support/articles/activate-purchased-modem* 1-800-XFINITY (1-800-934-6489)

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.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. 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.

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 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.

FCC 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.

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

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 32cm between the radiator & your body.