







LED	Description
Power 	<ul style="list-style-type: none"> Solid green. Power is supplied to the modem router. Solid red. Power is cut off due to a thermal error caused by heat. Move the unit to a well-ventilated area and power cycle the unit. Off. No power is supplied to the modem router.
Downstream 	<ul style="list-style-type: none"> Solid amber. One downstream channel is locked. Blinking amber. The modem router is scanning for a downstream channel. Solid green. Two or more downstream channels are locked. Blinking green. The modem router is scanning for additional downstream channels. Off. No downstream channel is locked.
Upstream 	<ul style="list-style-type: none"> Solid amber. One upstream channel is locked. Blinking amber. The modem router is scanning for an upstream channel. Solid green. Two or more upstream channels are locked. Blinking green. The modem router is scanning for additional upstream channels. Off. No upstream channel is locked.
Online 	<ul style="list-style-type: none"> Solid green. The modem router is online. Blinking green. The modem router is synchronizing with the cable provider's cable modem termination system (CMTS). Off. The modem router is offline.
2.4 GHz radio 2.4 GHz	<ul style="list-style-type: none"> Solid green. The 2.4 GHz WiFi radio is on. Blinking green. There is WiFi activity on the 2.4 GHz band. Off. The 2.4 GHz WiFi radio is off.
5 GHz radio 5 GHz	<ul style="list-style-type: none"> Solid green. The 5 GHz WiFi radio is on. Blinking green. There is WiFi activity on the 5 GHz band. Off. The 5 GHz WiFi radio is off.
Ethernet 	<ul style="list-style-type: none"> Solid green. A powered-on device is connected to an Ethernet port. Blinking green. The Ethernet port is sending or receiving traffic. Off. No device is connected to an Ethernet port.
WiFi On/Off button with LED ((•))	Pressing this button for two seconds turns the WiFi radios in the modem router on and off. If this LED is lit, the WiFi radios are on. If this LED is off, the WiFi radios are turned off and you cannot use WiFi to connect to the modem router.
WPS button with LED 	This button lets you use WPS to join the WiFi network without typing the WiFi password. The WPS LED blinks during this process and then lights solid.

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.

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: You can purchase an uninterrupted power supply, sold separately, for continued service during power outages. To view a list of compatible uninterrupted power supplies, visit the NETGEAR cable products web page.

Note: 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 the coaxial cable shield shall connect to the grounding system of the building, as close to the point of cable entry as practical.

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.

For regulatory compliance information, 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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NETGEAR, Inc.
 350 East Plumeria Drive
 San Jose, CA 95134, USA

NETGEAR INTERNATIONAL LTD
 Floor 1, Building 3
 University Technology Centre
 Curraheen Road, Cork,
 T12EF21, Ireland

NETGEAR®

Quick Start

AC1600 WiFi Cable Modem Router
 Model C6250

Download the Nighthawk app to get started



For more information about the Nighthawk app, visit [Nighthawk-app.com](https://nighthawk-app.com).

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

Note: Some ISP networks do not support the app. If you get an error when trying to connect, or if you don't want to use the Nighthawk 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](#).

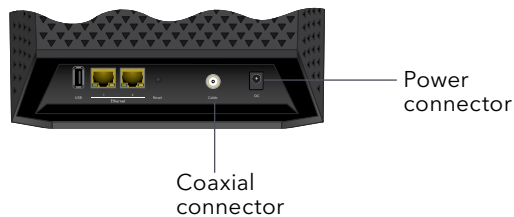
Package contents




Cable modem router

Set up using the router web interface

1. Collect your cable Internet service provider (ISP) account information.
This is 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 the 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 green.
5. Wait for the Online LED  to light solid green.
This process might take up to ten 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 **192.168.0.1** 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 are able to log in to the modem router web interface after the setup.
The BASIC Home page displays, and lets you know whether your Internet service is activated.

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 C6250
- 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
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
Sparklight	https://support.sparklight.com/ 1-877-692-2253
Spectrum	https://activate.spectrum.net/ 1-(833) 267-6094
Xfinity	http://xfinity.com/activate 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.

