

NETGEAR®

Installation Guide

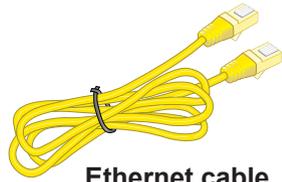
N450 WiFi Cable Modem Router

Model No: N450/CG3000Dv2

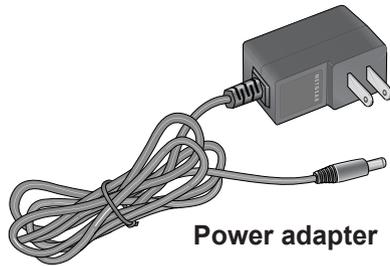
Package Contents



Modem router



Ethernet cable



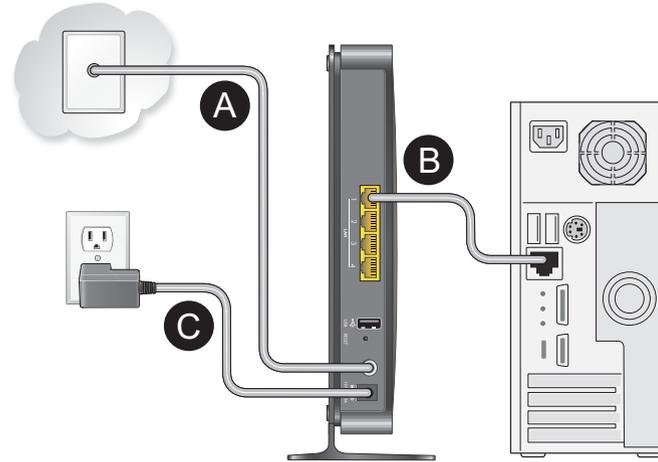
Power adapter

Connect the Modem Router

To configure the modem router, you need a computer with DHCP enabled that has an available Ethernet port.

1. Ensure that the modem router can be conveniently wired to the computer and is close to a power outlet.
2. Connect the cable port on the gateway to your cable line splitter or outlet **(A)**. Use the coaxial cable from your cable company.

Note: If Charter is your cable Internet service provider, Charter recommends connecting your modem router directly to an outlet. If you must use a splitter, use a splitter that is rated at 3.5 dBmv.



3. Connect your computer to the modem router with the included Ethernet cable **(B)**.
4. Connect the power adapter to the modem router **(C)**.
5. Plug the other end of the power adapter into an electrical outlet.
6. Wait about 50 seconds for the modem router to start.

The Internet LED blinks, then turns solid green, indicating that a link was established to the cable network.

For information about LEDs, see the LED descriptions table on the other side of this installation guide.

Log In to the Modem Router

To log in to the modem router to view or change its settings:

1. On the computer that you connected to the modem router, launch an Internet browser such as Mozilla Firefox or Microsoft Internet Explorer.
2. Type **http://192.168.0.1** in the address field of the browser.
3. When prompted to log in, type **admin** as the user name and **password** as the password.

The modem router menu displays. For information about configuring the modem router, see the user manual.

Set Up Your Internet Service

1. Call your cable Internet service provider and inform them that you are installing a new modem router that you bought from a retail store.

Provide your cable Internet service provider with the modem router's model number, which is CG3000Dv2.

Note: The CG3000Dv2 is certified by all major cable Internet service providers.

You can also visit your cable Internet service provider's website and follow the onscreen instructions to set up your Internet service.

Cable Internet Service Provider	Contact Information
Cablevision	www.cablevision.com www.optimum.com/contactus.jsp
Charter	1-888-438-2427 https://install.charter.com/
Comcast	1-800-COMCAST (1-800-266-2278) https://www.comcast.com/activate/
Cox	1-877-891-2899 ww2.cox.com

Cable Internet Service Provider	Contact Information
Optimum	http://play.optimum.net https://www.optimum.net/support/phone-list/
Time Warner Cable	1-800-892-2253 http://www.timewarnercable.com/

Note: The contact information listed might change. You can also find the contact number in your monthly Internet service billing statement.

- When asked, provide the modem router's serial number and MAC address located on the product label on the modem router.



- Wait for your cable Internet service provider to confirm that your modem router is active.
- If you do not have an Internet connection with the modem router, ask the cable Internet service provider to look for your modem router online.
 - If the modem router is not visible, your cable Internet service provider should give you instructions to verify why the modem router does not connect with your high-speed Internet service.
 - If your cable Internet service provider can confirm that the modem router is visible, reboot the computer, laptop, or home gateway that is connected to the modem router. Try checking your online status again.

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Buttons and LEDs

Table 1. Button descriptions

Button	Description
	Pressing this button opens a two-minute window for the modem router to connect with other WPS-enabled devices. The LED blinks green for the length of time the window is open.
	To enable or disable the WiFi card, press this button for three seconds. <ul style="list-style-type: none"> Solid green. The wireless card is plugged in and enabled. Blinking green. There is traffic on the wireless card. Off. The wireless card is either disabled or not plugged in.
Reset	To return the modem router to the factory settings, use the end of a paper clip to press and hold the Reset button on the back of the modem router for at least seven seconds.

Table 2. LED descriptions

LED	Description
	<ul style="list-style-type: none"> Solid green. The modem router has power. Blinking green. The modem router is powering on. Blinking red. The modem router is performing a self-test or the thermal cutoff circuit has been triggered. Off. The modem router is not receiving power.
	<ul style="list-style-type: none"> Solid blue. More than one downstream channel is locked. Solid green. One downstream channel is locked. Blinking green. The modem router is scanning for a downstream channel. Off. No downstream channel is locked.
	<ul style="list-style-type: none"> Solid blue. More than one upstream channel is locked. Solid green. One upstream channel is locked. Blinking green. The unit is scanning for an upstream channel. Off. No downstream channel is locked.

Table 2. LED descriptions (continued)

LED	Description
	<ul style="list-style-type: none"> Solid green. The modem router is connected to the Internet. Slow blink. The modem router is receiving DHCP information. Fast blink. The modem router is downloading the configuration file. Off. The modem router is not connected to the Internet.
	Green indicates 1,000/100 Mbps. Amber indicates 10 Mbps. <ul style="list-style-type: none"> Solid green. An Ethernet device is connected and has power. Blinking green. The Ethernet port is transmitting or receiving data. Off. The Ethernet port does not detect an Ethernet device.

Support

Thank you for selecting NETGEAR products.

After installing your device, locate the serial number on the label of your product and use it to register your product at <https://my.netgear.com>.

You must register your product before you can use NETGEAR telephone support. NETGEAR recommends registering your product through the NETGEAR website. For product updates and web support, visit <http://support.netgear.com>.

NETGEAR recommends that you use only the official NETGEAR support resources.

You can get the user manual online at <http://downloadcenter.netgear.com> or through a link in the product's user interface.

For the current EU Declaration of Conformity, visit http://support.netgear.com/app/answers/detail/a_id/11621/.

For regulatory compliance information, visit <http://www.netgear.com/about/regulatory/>. See the regulatory compliance document before connecting the power supply.