



DOCSIS 3.0 AC1900 Wireless Data Gateway C6300BD User Manual

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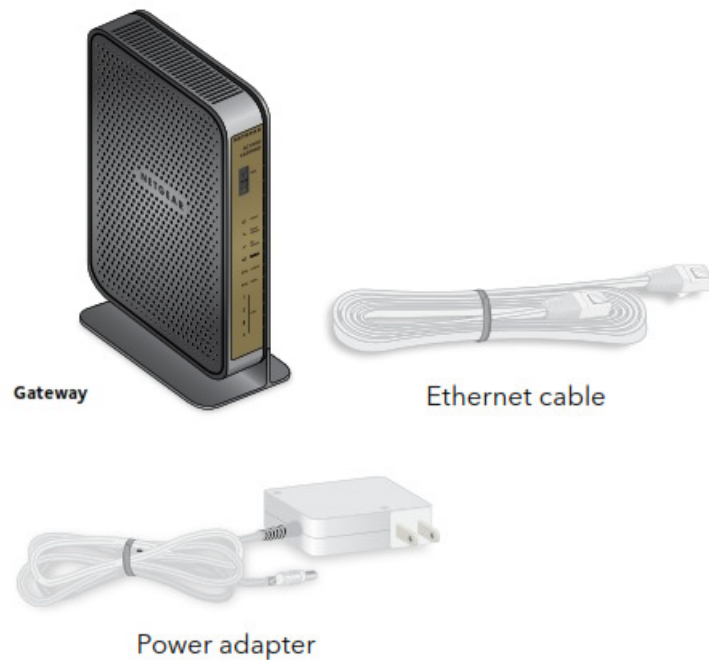
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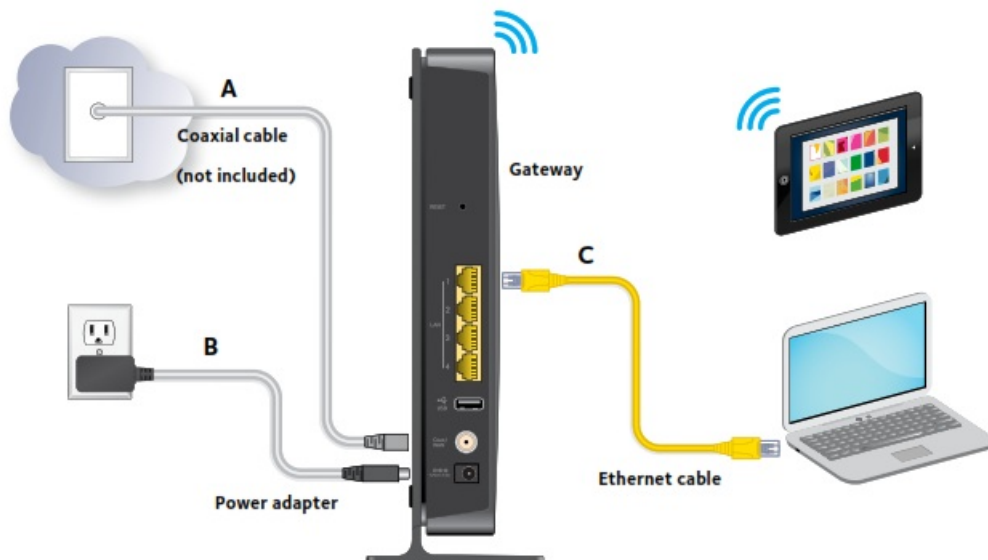
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Package Contents




1. **Connect a coaxial cable.**

Use a coaxial cable that is provided by your cable company to connect the cable port on the gateway to a cable wall outlet or a line splitter (A).



2. **Connect the power adapter.**

Connect the power adapter to the gateway and plug the power adapter into an electrical outlet (B). The Power LED  lights green.

3. **Connect a computer to the gateway.**

Use an Ethernet cable to connect a computer to the Ethernet port on the gateway (C).

You can also connect with WiFi. Use the WiFi network name and password on the product label.

4. **Log in to the gateway.**

Launch a web browser.

The gateway menu displays.

If you do not see the gateway menu, enter <http://routerlogin.net> or <http://192.168.0.1> in the address field of the web browser.



When prompted, enter admin for the user name and password for the password.




5. Get the genie app.





Download the free genie app from www.NETGEAR.com/genie.

Easily share media and files on the network from your smartphone, tablet, or laptop.

You can use the buttons and LEDs on the front of the gateway to check its status.

Button	Description
	Pressing this button opens a two-minute window for the gateway to connect with other WPS-enabled devices. The LED blinks green for the length of time the window is open.
	The WiFi button is disabled.

LED	Description
	<ul style="list-style-type: none">•Green. The gateway is receiving power.•Blinking. The gateway is powering on.•Red. The gateway is performing a self-test or the thermal cutoff circuit was triggered.•Off. The gateway is not receiving power.
	<ul style="list-style-type: none">•Blue. More than one downstream channel is locked.•Green. One downstream channel is locked.•Blinking green. The gateway is scanning for a downstream channel.•Off. No downstream channel is locked.
	<ul style="list-style-type: none">•Blue. More than one upstream channel is locked.•Green. One upstream channel is locked.•Blinking green. The gateway is ranging on the upstream.•Off. No upstream channel is locked.

LED	Description
	<ul style="list-style-type: none">•Solid green. The gateway is connected to the Internet.•Slow blink. The gateway is receiving DHCP information.•Fast blink. The gateway is downloading the configuration file.•Off. The gateway is not connected to the Internet.
 	<ul style="list-style-type: none">•Solid green. The gateway WiFi radio is working and available for use.•Blinking. The gateway WiFi radio is transmitting or receiving data.•Off. The gateway WiFi radio either is not working or is turned off.
1 through 4 LAN 	Green indicates 1,000 Mbps. Amber indicates 100/10 Mbps. <ul style="list-style-type: none">•Solid. An Ethernet device is connected and is receiving power.•Blinking. Data is being transmitted or received on the Ethernet port.•Off. No Ethernet device is detected on the Ethernet port.

Join the Gateway's WiFi Network

To connect your computer or WiFi device (such as a smartphone or gaming device) to your gateway's WiFi network, you can use either the manual method or Wi-Fi Protected Setup (WPS) method.

Support

Contact your cable Internet service provider for technical support.

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/>.

Note to CATV System Installer

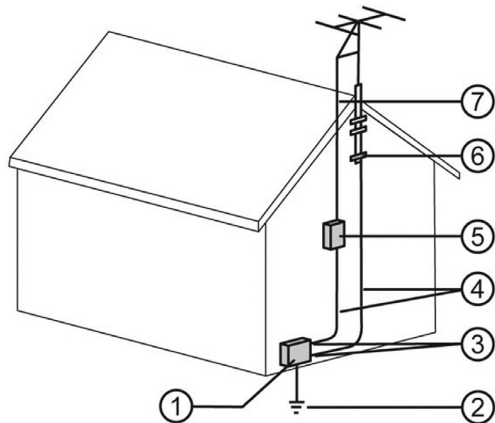
This reminder is provided to call the CATV system installer's attention to Section 820-93 of the National Electrical Code, which provides guidelines for proper grounding and, in particular, specifies that the coaxial cable shield be connected to the grounding system of the building as close to the point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

WARNING: When installing or realigning an outside antenna system, take extreme care to avoid any contact with power lines or circuits. Contact could be fatal.

Reference to the Grounding Figure

The numbers in the figure on the right indicate the following items:

1. Electric service equipment
2. Power service grounding electrode system (NEC Art 250, Part H)
3. Ground clamps
4. Grounding conductors (NEC Section 810-21)
5. Antenna discharge unit (NEC Section 810-20)
6. Ground clamp
7. Antenna lead-in wire



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