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Compliance

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.

Installation

NETGEAR 802.11ac Wireless Access Point

WAC120



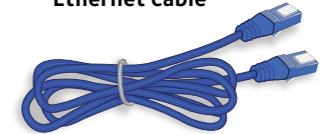
Package Contents

The box contains the following items.

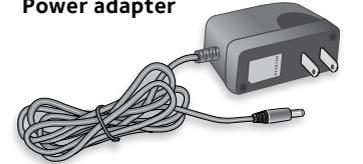


WAC120 Wireless Access Point

Ethernet cable



Power adapter



NETGEAR, Inc.
350 East Plumeria Drive
San Jose, CA 95134 USA

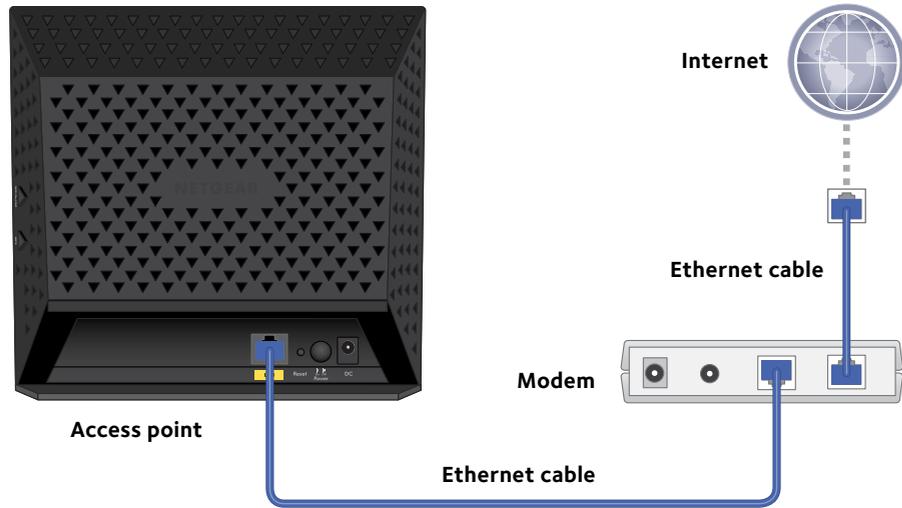


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NETGEAR®

You can use these diagrams to connect your wireless access point or follow the detailed instructions in this booklet.



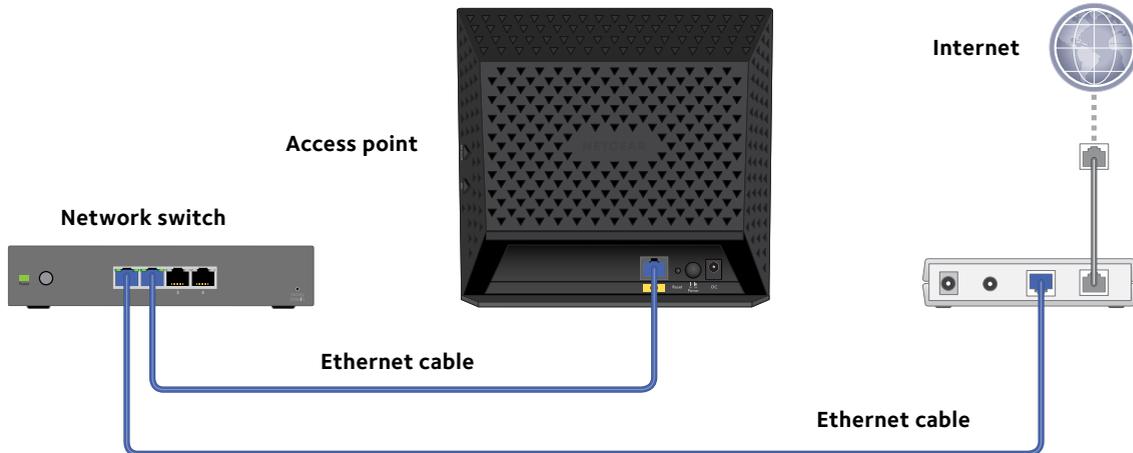
Option 1

1. Configure your access point for your network.

For more information, see *Set Up the Access Point* on page 1.

2. Connect your modem to the Internet.

3. Connect your modem to the LAN port on the rear of the access point.



Option 2

1. Configure your access point for your network.

For more information, see *Set Up the Access Point* on page 1.

2. Connect your modem to the Internet.

3. Connect your modem to a network switch.

4. Connect the access point to the same network switch.

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.

To contact NETGEAR for support, visit <http://support.netgear.com/general/contact> or call (US only) 1-888-NETGEAR. In other countries, visit <http://support.netgear.com/general/contact/default.aspx> for phone numbers.

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.

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Set Up the Access Point

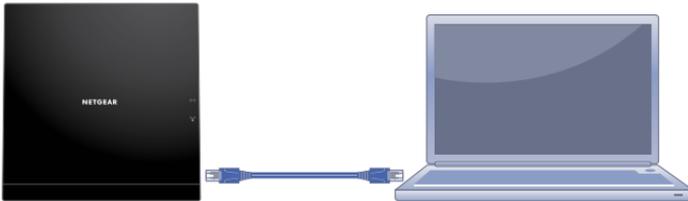
Before you can use the access point you must connect to the access point and configure the LAN and wireless access settings.

➤ To connect to the access point:

1. Configure a computer with a static IP address of 192.168.0.210 and a subnet mask of 255.255.255.0.

For help configuring a static IP address on your computer, check the instructions or online help that came with that computer.

2. Connect the Ethernet cable to the computer.
3. Connect the other end of the Ethernet cable to the LAN port on the access point.



4. Connect the power adapter to the access point and plug the power adapter into a power outlet.
5. Press the **On/Off** button on the access point.
6. On the computer that is connected to the access point, enter **http://192.168.0.100** in the address field of a browser.
A login screen displays.
7. Enter **admin** for the user name and **password** for the password.
The web management interface of the access point displays.

➤ **To configure the LAN and wireless access settings:**

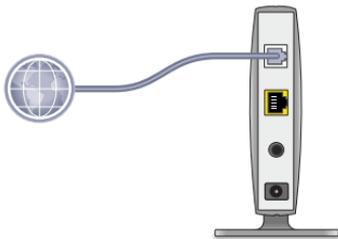
1. Log in to the access point.
2. Select **Configuration > IP > IP Settings**.
3. Configure the IP settings for your LAN.
For more information about IP settings, see the reference manual.
4. Click the **Apply** button.
Your settings are saved.
5. Select **Configuration > Security > Profile Settings**.
6. Configure a security profile for your wireless network.
For more information about security profile settings, see the reference manual.
7. After configuring a security profile, click the **Apply** button.
8. Using a computer or another wireless device, verify that you can establish a wireless connection to the access point.

Install Your Access Point

Make sure that your Internet service is active before you install your access point.

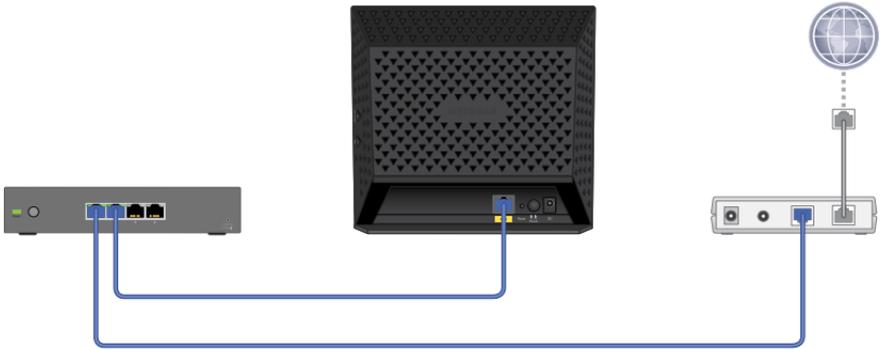
➤ **To install your access point:**

1. Prepare your network.



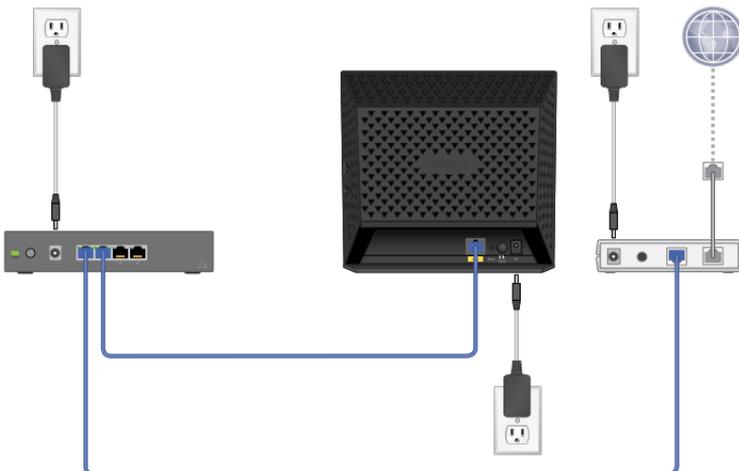
Make sure that your modem is cabled only to the wall jack for your Internet service.

2. Connect your devices.



- a. Plug in, then turn on your gateway or modem.
- b. With an Ethernet cable, connect your gateway or modem to a network switch.
- c. With the Ethernet cable that came with the access point, connect the network switch to the LAN port on your access point.

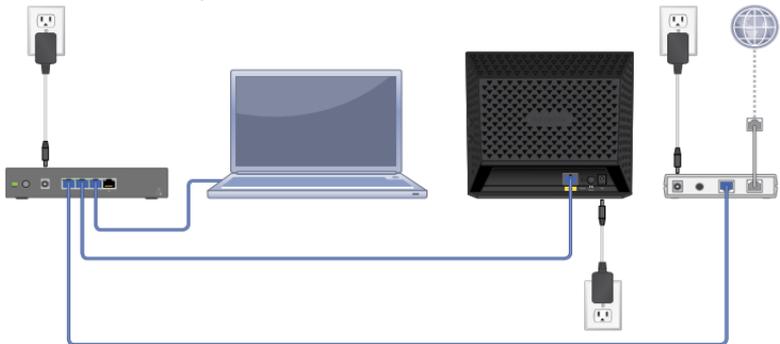
3. Add power to the access point.



- a. Connect the power adapter to the access point and plug the power adapter into an outlet.
- b. Wait for the Power LED  on the front panel to light amber and turn green.

If no LEDs are lit, press the **Power On/Off** button on the rear panel of the access point.

4. Connect a computer.



LEDs

The LEDs on the wireless access point light to indicate wireless access point activity:

LED	Description
Power LED 	<ul style="list-style-type: none"> • Off. Power is off. • Green. Power in on. • Amber. A self-test is running. During startup the LED is amber, then blinking green before turning steady green after 45 seconds. If the LED is amber or continues blinking green after one minute, a system fault exists.
Activity LED 	<ul style="list-style-type: none"> • Off. No ethernet traffic is detected. • Green or blinking green. Ethernet traffic is detected.

LED	Description
LAN LED 	<ul style="list-style-type: none"> • Off. No link is detected. • Green. A 1000 Mbps link is detected. • Amber. A 100 Mbps or 10 Mbps link is detected.
WiFi LED 	<ul style="list-style-type: none"> • Off. Both 2.4G and 5G are off. • Green. 2.4G, 5G, or both are ready. • Blinking green. Wireless activity of 2.4G or 5G is detected. • Slow blinking green. WPS is enabled.

Join the WiFi Network

You can either use WiFi Protected Setup (WPS) or select your WiFi network and type its password. For help with the WPS button on your computer or WiFi device, check the instructions or online help that came with that computer or device. Some older equipment cannot use WPS.

➤ To join the network using WPS:

1. Press the **WPS** button on the access point for two to three seconds.
The WiFi LED on the access point blinks slowly, green for three seconds, then off for three seconds.
2. Within two minutes, on your computer or WiFi device, press its **WPS** button or click its onscreen **WPS** button.
The WiFi LED on the access point blinks green when the computer or WiFi device connects to your access point.
3. Repeat this process to add other computers or WiFi devices.

➤ To select your network and enter its password:

1. Open the software utility that manages your WiFi connections

on the computer or WiFi device that you want to connect to your access point.

This utility scans for WiFi networks in your area.

2. Find and select your access point's WiFi network name (SSID).
The SSID is on the product label.
3. Enter the access point's password (or your custom password if you changed it) and click the **Connect** button.
The password is on the product label.
4. Repeat Step 1 through Step 3 to add other computers or WiFi devices.

View or Change the Access Point Settings

You can log in to the access point to view or change its settings.

Log In to the Access Point

➤ To log in to the access point:

1. Connect a computer or WiFi device to the access point.
You can use an Ethernet cable or connect with WiFi:
 - For a wired connection, use an Ethernet cable to connect your computer to the network switch that your access point is currently connected to.
 - To connect with WiFi, select and join your WiFi network.
2. Launch a web browser.
3. Enter **http://192.168.0.100** in the address field of the browser.
A login screen displays.
4. Enter **admin** for the user name and **password** for the password (or your custom password if you changed it).
The web management interface of the access point displays.

Change the admin Password

➤ To change the admin password:

1. Launch a web browser.
2. Enter **http://192.168.0.100** in the address field of the browser.
A login screen displays.
3. Enter **admin** for the user name and **password** for the password (or your custom password if you changed it).
The web management interface of the access point displays.
4. Select **Maintenance > Password > Change Password**.
5. Type your old password and type the new password twice.
6. Click the **Apply** button.
Your changes are saved.

Find a Forgotten WiFi Security Password

The preset WiFi password is on the product label. If you changed your WiFi password and forgot what it is, log in to the access point to view its current WiFi password.

➤ To connect to the wireless access point and view its WiFi password:

1. Use an Ethernet cable to connect your computer to a black Ethernet port on the access point.
2. Launch a web browser.
3. Enter **http://192.168.0.100** in the address field.
A login screen displays.
4. Enter the access point user name and password.
The default user name is **admin** and the default password is **password**. You can use the default credentials if you did not

change them.

The web management interface of the access point displays.

5. Select **Wireless Settings**.

The Security Options section of the screen displays your WiFi password.

Troubleshooting Tips

This section provides some tips for correcting simple problems that you might encounter. For more troubleshooting information, see the troubleshooting chapter in the reference manual.

Problem	Cause	Possible Solution
No LEDs are lit on the access point.	The access point has no power.	<ul style="list-style-type: none">• Make sure that the power cord is connected to the access point and plugged in to a working power outlet.• Make sure that the On/Off button is in the On position.• Make sure that you are using the NETGEAR power adapter supplied with your access point.
The LAN LED is off.	A hardware connection problem exists.	<ul style="list-style-type: none">• Make sure that the cable connectors are securely plugged into the access point and to the network switch. Make sure that the network switch is turned on.
The Wireless LED is off.	The wireless connection does not work.	<ul style="list-style-type: none">• If the Wireless LED stays off, disconnect the power adapter from its power source and then plug it in again.• Log in to the access point and verify that the radio or radios are turned on.• Contact NETGEAR if the Wireless LED remains off.

Problem	Cause	Possible Solution
<p>You cannot configure the access point from a browser.</p>	<p>Multiple causes.</p>	<ul style="list-style-type: none"> • Make sure that the access point is correctly installed, it is powered on, and the LAN LED is lit. • Make sure that your computer is using an IP address in the same range as the access point. The access point default IP address is 192.168.0.100, and the default subnet mask is 255.255.255.0. • Quit the browser, clear the cache, delete the cookies, and launch the browser again.
<p>You cannot access the Internet or the LAN from a wireless device.</p>	<p>A configuration problem exists.</p>	<ul style="list-style-type: none"> • Make sure that the SSID and wireless security settings of the wireless device are the same as those of the access point. • The wireless device might not have the correct TCP/IP settings to communicate with the network. Restart the wireless device and check that TCP/IP is set up correctly for that network. • The access point default values might not work with your network. Check the access point default configuration against the configuration of other devices in your network. For information about changing the default values of the access point, see the reference manual.

