

Installation Guide

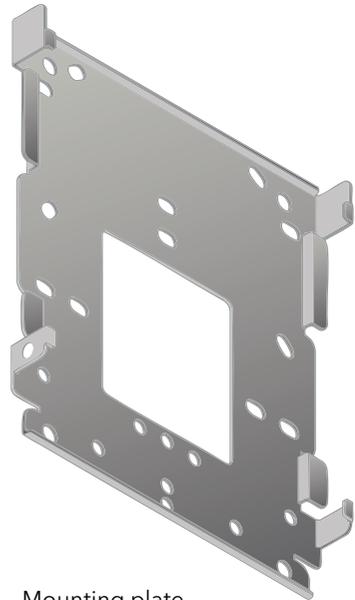
AX1800 Dual Band WiFi 6 Wall Plate
Access Point
Model WAX610W



Package contents



Access point model WAX610W



Mounting plate



Philips screw



T8 screw for
Japan only

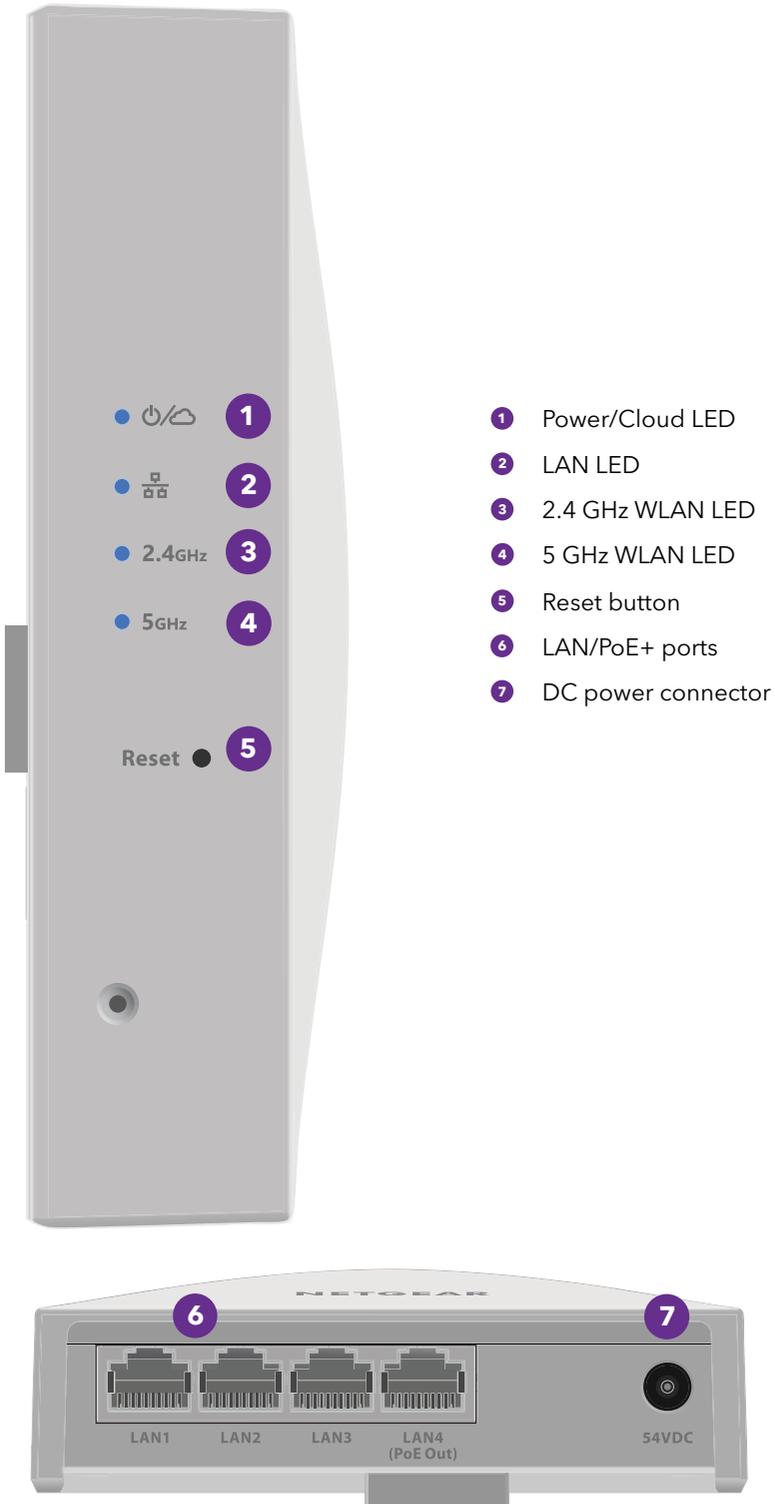
NOTE: You can power up the WAX610W by connecting it to a PoE+ switch or power adapter.



CAUTION: Terms of Use

This device must be professionally installed. It is the installer's responsibility to follow local country regulations including operations within legal frequency channels, output power and DFS requirements. Vendor or Reseller or Distributor is not responsible for illegal wireless operations. Please see Device's Terms and Conditions for more details.

Overview



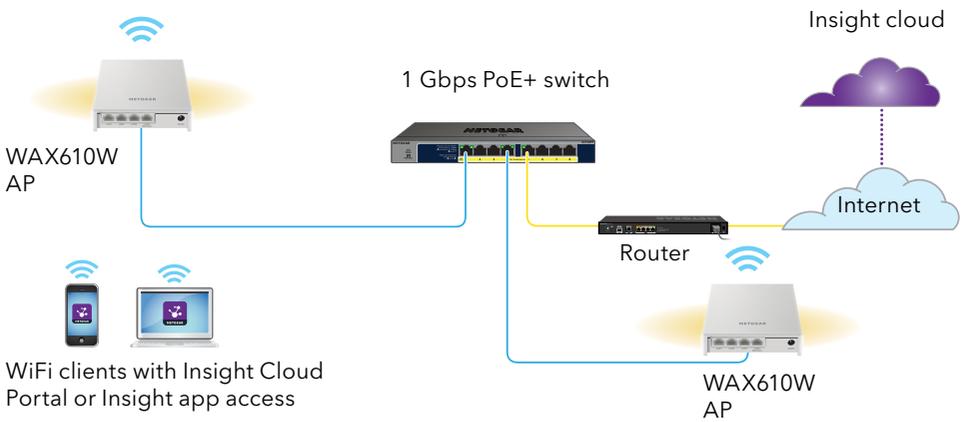
1. Connect to power and the Internet

Power up the WAX610W access point (AP) by attaching a power adapter, or by connecting the LAN/PoE+ port to a PoE+ switch that supplies 802.3at power (PoE+).

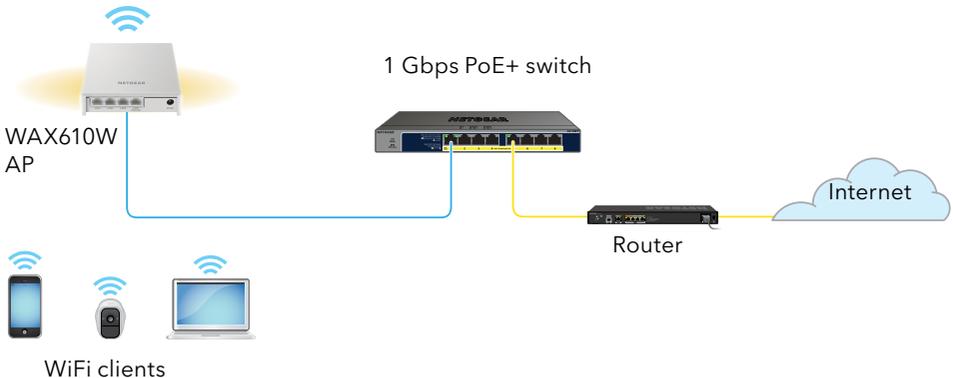
Make sure that the AP has Internet connectivity:

- If you connect the AP to a switch, make sure that the switch has Internet connectivity.
- If you use a power adapter to provide power, use an Ethernet cable to connect the LAN/PoE+ port on the AP to a router or other network device on a network with Internet connectivity.

Sample connections for a NETGEAR Insight setup



Sample connections for a standalone setup



NOTE: The AP receives an IP address from a DHCP server, or a router that functions as a DHCP server, in your network. If your network does not include a DHCP server, the AP uses its default IP address: 192.168.0.100.

When starting up the AP, all LEDs display the following start-up behavior:

All LEDs		Off: The AP has no power.
		Solid blue: The AP has power, this status lasts about 13 seconds. Note: If this status displays for more than 20 seconds, the boot loader has failed.
		Blinking blue, with 1 second intervals: The boot loader is initializing. This status lasts about 30 seconds.
		Blinking blue, slow with 2 second intervals: The system is initializing. This status lasts about 90 seconds.

After starting up and during setup, the LEDs on the AP can light in these colors:

Power LED		Off: The AP has no power.
		Blinking blue, slow with 2 second intervals: The AP started up and functions as a standalone AP.
		Solid blue: The AP started up, functions in Insight mode, and is connected to the Insight cloud.
		Blinking blue, fast: The AP is either upgrading the firmware or is resetting to the factory default settings.
Uplink		Off: The AP does not detect any link.
		Blinking blue, slow with 2 second intervals: The AP is searching for an IP address.
		Solid blue: The uplink is connected.
		Blinking blue at random intervals: Network activity indicating traffic through the uplink.
2.4 GHz		Off: The radio is off.
		Solid blue: The radio is on, but no client is connected.
		Blinking blue at random intervals: A client is connected to the radio and is passing traffic.
5 GHz		Off: The radio is off.
		Solid blue: The radio is on, but no client is connected.
		Blinking blue at random intervals: A client is connected to the radio and is passing traffic.
Power LED during factory reset		After you press the Reset button or reset the AP using the device UI, the Power LED lights as follows:
		Solid blue: 5 seconds. Do not release the Reset button until the LED starts blinking blue.
		Blinking blue, with 1 second intervals: 5 seconds.
		Blinking blue, fast: 5 seconds. The AP restarts and resets to the factory default settings.

For more information about the LEDs, see the user manual, which you can download by visiting netgear.com/support/download.

2. Configure and manage the AP

To configure and manage the AP, use one of the methods described in the following table.

A.	Remotely	Cloud/remote mode	NETGEAR Insight Cloud Portal See A. Configure the AP with the NETGEAR Insight Cloud Portal
B.	Remotely	Cloud/remote mode	NETGEAR Insight app See B. Configure the AP with the NETGEAR Insight app
C.	Locally	Standalone mode	Web browser See C. Configure the AP as standalone in a web browser

Insight remote management offers additional features and add-on services that are not available in standalone mode. Your new Insight-manageable device comes with Insight included. For more information, visit the following pages:

- <https://www.netgear.com/business/services/insight/subscription/>
- <https://kb.netgear.com/000061848/How-do-I-use-NETGEAR-s-one-year-of-Insight-included-subscription>

A. Configure the AP with the NETGEAR Insight Cloud Portal

1. Make sure that the AP is connected to the Internet.
2. On a computer or tablet, visit <https://insight.netgear.com/>.
3. Enter the email address and password for your NETGEAR account and click the **NETGEAR Sign In** button.

If you do not already have a NETGEAR account, you can create an account now.

4. Only if you are an Insight Pro user, select the organization to which you want to add the AP.
5. Select the location to which you want to add the AP.
6. Click the **+ (Add Device)** button.

NOTE: If you are an Insight Pro user, you can either add a single device or you can add multiple Insight managed devices by uploading a device list as a CSV file.

7. On the Add New Device pop-up page, enter the AP's serial number, and then click **Go**.
8. After Insight verifies that the AP is a valid product, you can optionally change the device name of the AP, and then click **Next**.

When the AP is successfully added to the portal, a page displays a confirmation that setup is in progress.

NOTE: If the AP is online but Insight does not detect the AP, the firewall at the physical location where the AP is located might prevent communication with the Insight cloud. In that situation, add port and DNS entries for outbound access to the firewall. For more information, see <https://kb.netgear.com/000062467>.

The AP automatically updates to the latest Insight firmware and Insight location configuration. This might take up to 10 minutes, during which time the AP will restart.

The AP is now an Insight managed device that is connected to the Insight cloud-based management platform.

9. Use the Insight Cloud portal or Insight app to configure and manage the AP.

B. Configure the AP with the NETGEAR Insight app

1. Connect your mobile device to the AP's setup SSID (WiFi network name).

The setup SSID is on the AP label on the bottom of the AP and is shown in the format NETGEARxxxxxx-SETUP, where xxxxxx are the last six digits of the AP's MAC address. The default WiFi passphrase is **sharedsecret**.

2. Open the NETGEAR Insight app.

If you do not already have a NETGEAR account, you can create an account now.

3. Enter the email address and password for your account and tap **LOG IN**.

4. Select an existing network location, or, to create a new network location, tap the **Next button**, and then tap **OK**.

The device admin password that you entered for the new network location replaces the existing admin password on all devices that you add to the network location.

In most situations, Insight detects the AP automatically, which can take several minutes.

5. To add the AP to your network location, do one of the following:

- If the AP is automatically detected and listed in the Insight Manageable Devices section, tap the **AP icon**, and then tap the **ADD DEVICE** button.
- If the AP is not automatically detected, or you prefer to use another method to add the AP, tap the **+** icon in the top bar, and do one of the following:
 - Tap the **SCAN BARCODE OR QR CODE** button, and then scan the AP's code.
 - Tap the **Enter Serial Number** link, and then manually enter the AP's serial number.

6. If prompted, name the AP and tap the **Next** button.

The AP automatically updates to the latest Insight firmware and Insight location configuration. This might take up to 10 minutes, during which time the AP will restart.

The AP is now an Insight-managed device that is connected to the Insight cloud-based management platform.

7. Use the Insight app or Insight Cloud portal to configure and manage the AP.

C. Configure the AP as standalone in a web browser

Use this method if you want to operate the AP in standalone mode.

1. Connect your computer or mobile device to the AP's setup SSID (WiFi network name).

The setup SSID is on the AP label on the bottom of the AP and is shown in the format NETGEARxxxxxx-SETUP, where xxxxxx are the last six digits of the AP's MAC address. The default WiFi passphrase is **sharedsecret**.

2. On your computer, launch a web browser and, in the address bar, enter **aplogin.net**.

Your browser might display a security warning because of the self-signed certificate on the AP, which is expected behavior. You can proceed, or add an exception for the security warning. For more information, see <https://kb.netgear.com/000062980/>.

3. Enter the AP user name and default password. The user name is **admin**. The default password is **password**. The user name and password are case-sensitive.

4. Select the **Web-browser (Local)** radio button.

The Day Zero Easy Setup page displays.

5. Follow the instructions on the Day Zero Easy Setup page, and then click the **Apply** button.

We recommend that you make a note of the new admin password, SSID (WiFi network name), WiFi passphrase, and IP address to keep in a safe place.

A message displays to indicate that your settings are being applied.

6. If the WiFi connection of your computer or mobile is terminated, reconnect to the AP using the new SSID and WiFi passphrase that you set on the Day Zero Easy Setup page.

7. When the login page displays, you can log in to the AP using your new admin password to configure the AP.

For information about configuring the AP, see the user manual, which you can download by visiting netgear.com/support/download.

We recommend that you register your AP with NETGEAR.

8. To register your AP with NETGEAR:

- a. From a computer or mobile device that is connected to the Internet, visit my.netgear.com.

- b. Log in to your NETGEAR account.

If you do not already have a NETGEAR account, you can create an account now.

The My Products page displays.

- c. From the menu on the left, select **Register a Product**.

- d. In the **Serial Number** field, type the serial number of your AP.

The serial number is 13 digits long. It is printed on the AP label.

- e. From the Date of Purchase menu, select the date that you purchased the AP.

- f. Click the **REGISTER** button.

Your AP is registered to your NETGEAR account.

A confirmation email is sent to your NETGEAR account email address.

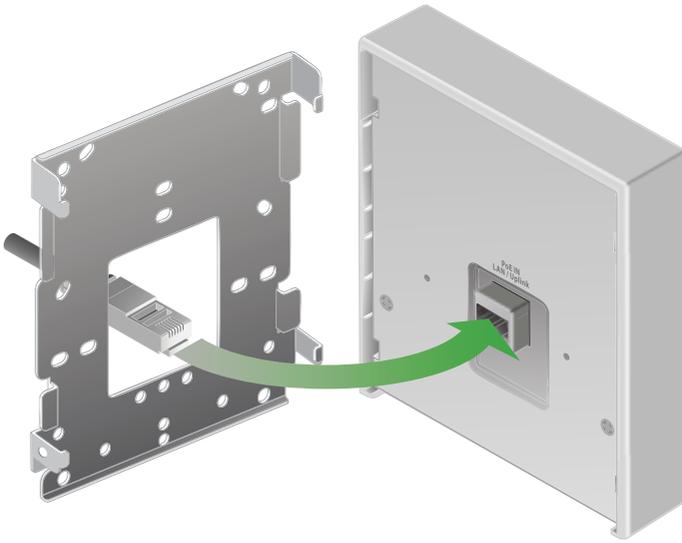
Installation options

The AP requires an electrical outlet junction box mounted on a wall.

Mount to an electrical outlet junction box:

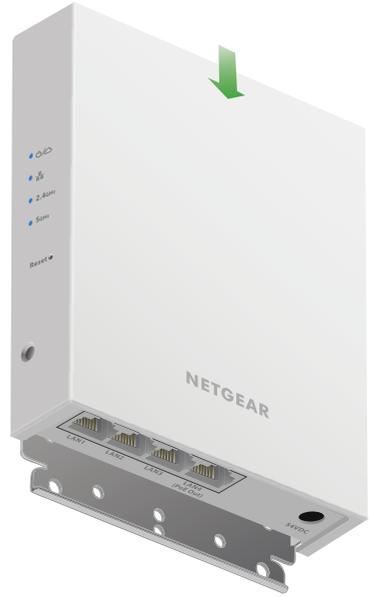
To install the AP:

1. Remove the faceplate from the junction box.
2. Pull the Ethernet cable through the junction box with enough slack to reach the AP.
3. Pull the Ethernet cable through the mounting bracket.
4. Connect the Ethernet cable to the PoE IN LAN/Uplink port on the back of the AP.



5. Align the four locking tabs on the mounting plate to the tab openings on back of the AP. Attach the AP to the mounting plate.

6. Slide the AP down until the AP locks into place on the mounting plate.



7. Secure the AP and mounting bracket in place using the included screw.



Support and Community

Visit [netgear.com/support](https://www.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.

Regulatory and Legal

Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à <https://www.netgear.com/support/download/>.

(If this product is sold in Canada, you can access this document in Canadian French at <https://www.netgear.com/support/download/>.)

For regulatory compliance information including the EU Declaration of Conformity, 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>.

Where permitted by law, by using this device, you are agreeing to NETGEAR's Terms and Conditions at <https://www.netgear.com/about/terms-and-conditions>, and if you do not agree, return the device to your place of purchase within your return period.

This product is designed and warranted for indoor use only. Do not use this device outdoors. The PoE source is intended for intra building connection only.

NETGEAR, Inc.

NETGEAR INTERNATIONAL LTD

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