1. Connect to power and Internet

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 the IP address 169.254.1.100.

If you have 2.5 Gbps equipment, the WAX628 LAN 1/PoE+ port supports Ethernet speeds of 2.5 Gbps. Otherwise, the Internet connection functions at 1 Gbps, which is a common speed.

NOTE: After starting up and during setup, the AP's LEDs can light in these colors:
- Power/Cloud LED: Solid blue: The AP is powered on and connected to the Insight cloud.
- Solid green: The AP is powered on and connected to the Insight cloud management platform.
- Solid amber: The AP is powered on and connected to the Insight cloud management platform.
- Blinking blue: The AP is actively communicating with the Insight cloud.
- Blinking amber: The AP is actively communicating with the Insight cloud management platform.
- Blinking orange: The AP is actively communicating with its local network.

Sample connections for a NETGEAR Insight setup

2. Configure and manage the AP

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

<table>
<thead>
<tr>
<th>Method</th>
<th>Steps</th>
</tr>
</thead>
</table>
| A. Configure the AP with the NETGEAR Insight Cloud Portal   | 1. Connect your mobile device to the AP’s setup SSID (WiFi network name) using one of the following methods:  
• Use the QR code to scan the QR code on the label to connect to the AP’s WiFi.  
• Enter manually: the setup SSID is on the label (in the format NETGEARxxxxxx‑SETUP) of the AP, where xxxxxx are the last six digits of the AP’s MAC address.  
2. Open the NETGEAR Insight app.  
3. Enter the email address and password for your account and tap Sign In.  
4. Add a new network location where you want to add the AP by tapping the + icon.  
5. In the Add Location pop-up, enter the location name and an optional description.  
6. In the Add New Device pop-up, enter the AP’s serial number and MAC address, and then tap Next.  
7. In the permissions pop-up, tap the icon for the AP, and then tap the OK button.  
8. If the AP is not connected to the Internet, you can select an existing network location where the AP is located to prevent communication with the Insight cloud.  
9. If this happens, add port and DNS entries for outbound access to the firewall. For more information, see kb.netgear.com/000062467.  
10. If your network location name requires a subdomain, enter that when prompted.  
11. Tap Add.  

If the AP is connected to an Internet service provider (ISP), then tapping Next will take you to Step 10. If the AP is not connected to the Internet, then tapping Next will take you to Step 11.  

B. Configure the AP with the NETGEAR Insight app             | 1. Configure your mobile device to the AP’s Setup SSID (WiFi network name) using one of the following methods:  
• Use the QR code to scan the QR code on the label to connect to the AP’s WiFi.  
• Enter manually: the setup SSID is on the label (in the format NETGEARxxxxxx‑SETUP) of the AP, where xxxxxx are the last six digits of the AP’s MAC address.  
2. Open the NETGEAR Insight app.  
3. Enter the email address and password for your account and tap Sign In.  
4. Add a new network location where you want to add the AP by tapping the + icon.  
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For information about creating an Insight Premium account or upgrading to an Insight Pro subscription, see the NETGEAR Insight Cloud Portal. |
To register your AP with NETGEAR:

1. From a computer or mobile device that is connected to the Internet, visit aplogin.net.
2. Log in to your NETGEAR account.
3. Enter the AP user name and default password. The user name is the serial number. The default password is password.
4. Click the REGISTER button.
5. The My Products page displays.
6. If you do not already have a NETGEAR account, you can create an account now.
7. A confirmation email is sent to your NETGEAR account email address.
8. To find the locking latch, place your thumb on the center of the LEDs, and your finger on the side of the device, directly opposite the LEDs.
9. Hold the AP upside down and attach it to the mounting plate.
10. Slide the AP toward you to lock it into the mounting plate.
11. If the setup SSID is on the AP label on the bottom of the AP and is visible, scan the QR code.
12. Follow the instructions on the Day Zero Easy Setup page, and then click the CONNECT button.
13. 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.
14. Use the Insight app or Insight Cloud portal to configure and manage the AP.
15. If there is solid green Power/Cloud LED, it lights solid blue.
16. 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.
17. The AP is now on a wireless network that is connected to the Internet via cloud-based management platform. If the Power/Cloud LED is off, then you have not set up the AP online.

Mounting options

You can mount the AP in one of the following ways:

- **Connect manually**:
  - You can use the QR code on the AP label. If you scan the QR code, you can install and configure the AP.
  - Connect automatically:
    - The setup SSID is on the AP label on the bottom of the AP and is visible.
    - The setup SSID is automatically configured via DHCP or the AP will attempt to connect to the Internet and display a warning.
    - A message displays to indicate that your settings are being applied.
    - Your browser might display a security warning because of the self-signed certificate on aplogin.net.
    - The AP is now an Insight‑managed device that is connected to the Insight cloud‑based management platform.

**CAUTION:**
Make sure that the wall is not damaged.

Your browser might display a security warning because of the self-signed certificate on aplogin.net.

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For more information, see kb.netgear.com/000062980/.

For regulatory compliance information including the EU Declaration of Conformity, visit https://www.netgear.com/support/download/.

If you do not agree, return the device to your NETGEAR reseller or NETGEAR.

Regulatory and Legal

If you provide us with personal or sensitive information, you can exercise certain legal rights with respect to that information. You can exercise such rights by contacting the NETGEAR Data Protection Officer at privacy@netgear.com. 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 with your receipt. Do not sell this device indoors. The AP is intended for use in indoor building construction only. Find 5G bands only. Use this device indoors. The operation of 5G devices is prohibited by the FCC in allchw bands that are allocated for cellular use in the United States. Your device may allow you to view web pages, send and receive email, and access other online content. The device is intended for unobtrusive, so it sits flat on the mounting plate.

Mount the AP on a wall

1. Place the mounting plate on the wall.
2. Mark the wall where the mounting holes are.
3. Using a 3/16 in. (4.7mm) drill bit, drill holes in the wall.
4. Tap the wall anchors into the wall until they are flush with the wall.
5. Use the screws to attach the mounting plate to the wall.
6. From the Date of Purchase menu, select the date that you purchased the AP.
7. The setup SSID is on the AP label on the bottom of the AP and is visible.
8. Connect the AP automatically to the Internet.
9. The AP is designed to be used with Insight‑controlled devices.
10. Press and hold the SET button on the back of the AP to activate the Insight‑controlled devices.

Before you mount the AP, first set up and test the AP to verify WiFi network connectivity.

WARNING:
Make sure that you register your AP so that it does not drop when it receives a beacon.

1. Slide the T‑bar partially into the metal bracket.
2. Attach the metal bracket to the ceiling bar.
3. Using a 3/16 in. (4.7mm) drill bit, drill holes in the wall.
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