



# NETGEAR WAC564 Insight Instant Mesh Multi-Mode Access Point Installation Guide

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# NETGEAR

**NETGEAR WAC564 Insight Instant Mesh Multi-Mode Access Point**



## Package contents



Multi-Mode access point  
(Model WAC564)



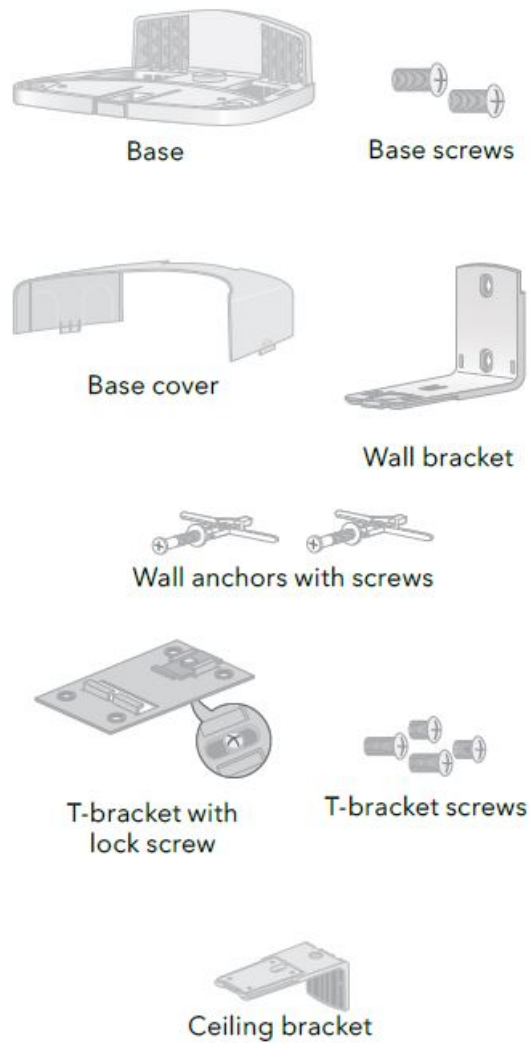
Ethernet cable



Rubber feet



Power adapter  
(varies by region)



## Install freestanding

The base and cover are used for all types of installation, including freestanding, wall mounting and ceiling mounting. When you install your access point (AP) as a root AP or standalone AP, be sure to use port 1 for the Ethernet connection to your network.

1. Thread the cables through the bottom of the base, and attach them to the access point Ethernet ports and DC connector.

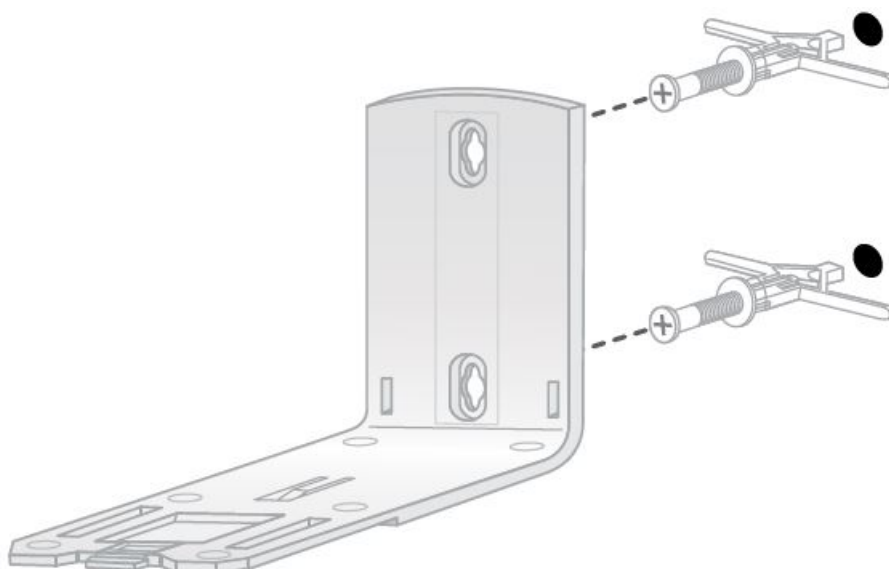


2. Place the access point on the base and attach it to the base with the provided screws.

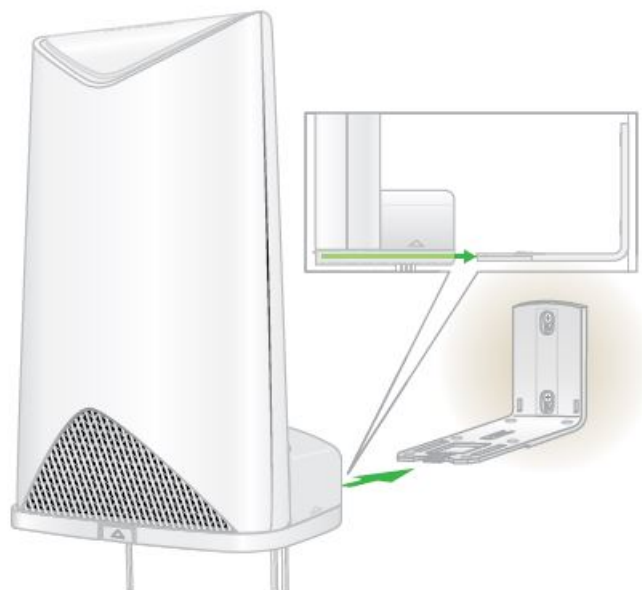


3. Attach the cover to the base.

### Wall mounting

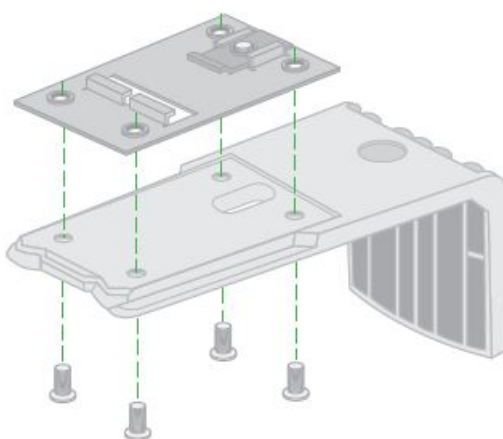


1. Use the wall anchors with screws to attach the wall bracket to the wall.
2. Follow steps 1-3 in Install freestanding.

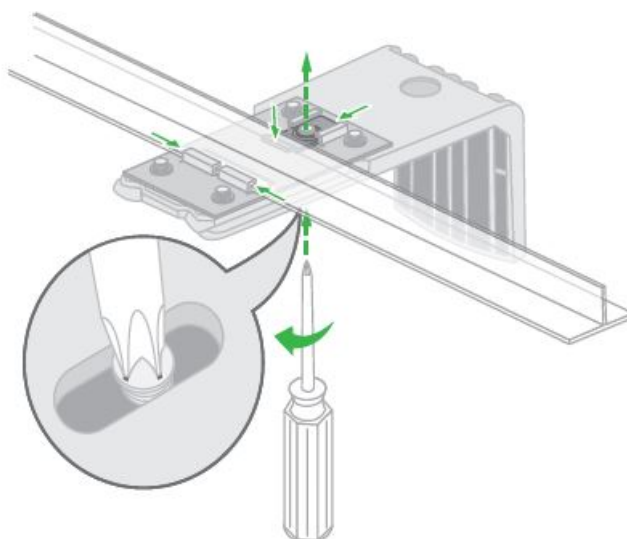


3. Slide the base with the access point attached onto the wall bracket until the base locks.

#### Ceiling mounting



1. Attach the T-bracket to the ceiling bracket with the T-Bracket screws.



2. Secure the T-bracket to the T-bar, insert the locking screw, and tighten it.
3. Follow steps 1-3 in Install freestanding.



4. Slide the base with the access point attached onto the ceiling bracket until the base locks.

#### Instant Mesh Multi-Mode Access Point overview



1. Ring LED
2. Uplink port
3. Ethernet ports
4. Power On/Off button and Power LED
5. DC power connector
6. Reset button

The Instant Mesh Multi-Mode Access Point can support any of these modes: extender mode (mesh extender AP)

connected to a root AP), root mode (root AP in a mesh network), standalone mode (regular access point).

### Log Into NETGEAR Insight

1. On your mobile device, visit the Apple App Store or Google Play Store, search for NETGEAR Insight, and download the latest version of the app.
2. Open the NETGEAR Insight app on your mobile device.
3. If you did not set up a NETGEAR account, tap Create NETGEAR Account and follow the onscreen instructions.
4. Enter the email address and password for your account and tap LOG IN.

### Power on the Instant Mesh Multi-Mode AP

When you connect your Multi-Mode AP to a power source, the Power LED on the back of the Multi-Mode AP lights amber and then lights green. If the Power LED does not light, press the Power On/Off button. During installation and setup, the Multi-Mode AP ring LED lights in these colors:



**Pulsing cyan.** Seeking root access points.



**Solid cyan.** Connecting to root access point with strongest signal.



**Pulsing amber.** Getting an IP address.



**Pulsing magenta.** Connected to the Insight cloud and updating firmware.



**Pulsing red, green, and blue.** Configuration as an Insight Instant Mesh network device is in progress.



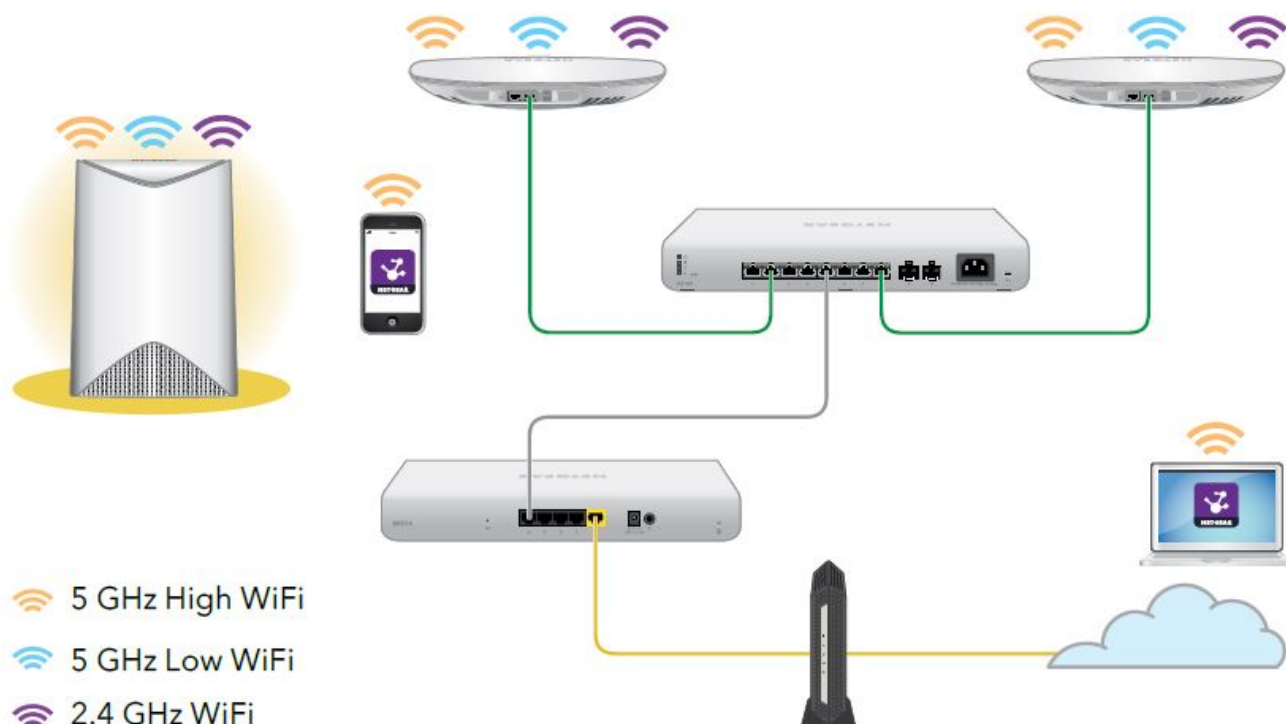
**Pulsing blue.** Configuration is complete.



**Intermittent pulsing blue.** (3 seconds on, 3 minutes off.) Added to the Insight Instant Mesh network and connected to the Insight cloud.

### Set Up an Instant Mesh WiFi connection

Use the Insight app to install the Instant Mesh Multi-Mode Access Point as a WiFi extender in an Insight Instant Mesh WiFi network.



1. Log in to the existing WiFi network where you want to add the extender access point (AP). In most situations, Insight Instant Mesh detects the extender AP automatically. This process can take several minutes.
2. If the extender is not automatically detected, use the Insight app.
  1. Tap + in the upper-right corner.
  2. Add the Instant Mesh WiFi Extender (WAC564) to your account using one of these options:
    - Scan the bar code or QR code.
    - Type in the serial number.
  3. Follow the onscreen instructions to add your WiFi extender to the network location. The extender AP communicates with NETGEAR Insight to identify nearby meshcapable root APs, such as a NETGEAR Insight Managed Smart Cloud Wireless Access Point (WAC540). When Insight Instant Mesh identifies the root AP with the strongest signal, it connects your extender AP to this root AP. Your WiFi extender connects to the root access point using tri-band radio, with preferred 5 GHz high WiFi backhaul extending the network backbone to provide Internet connectivity. Client devices connect to your mesh network by the fast 5 GHz high and low fronthaul/backhaul, or the longer-range 2.4 GHz fronthaul.

## Other setup methods

You can use the NETGEAR Insight Cloud portal to set up your access point. The Insight Cloud portal is available to Insight Premium and Insight Pro subscribers. To set up the access point in extender or standalone mode, you can also use the local browser interface. For more information, see the user manual. To download the user manual, visit [netgear.com/support/product/WAC564](https://netgear.com/support/product/WAC564).

## Support

Thank you for purchasing this NETGEAR product. You can visit <https://www.netgear.com/support/> to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

(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 more information about Insight Instant Mesh-capable products, visit [netgear.com](https://www.netgear.com).

## Documents / Resources

	<p><a href="#">NETGEAR WAC564 Insight Instant Mesh Multi-Mode Access Point</a> [pdf] Installation Guide WAC564, Insight Instant Mesh Multi-Mode Access Point</p>
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[Manuals+](#).