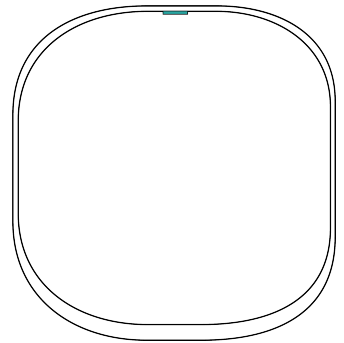

Access Networks® A770 Access Point

Installation Guide

A770 tri-band 802.11be Wi-Fi 7 indoor access point (AP)

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The Unleashed A770 tri-band 802.11be Wi-Fi 7 indoor access point delivers the ideal combination of performance, reliability, and coverage for ultra-high density indoor environments. The A770 is built with enterprise-grade quality hardware and includes limited lifetime warranty and support from the Access Networks team of certified engineers. It features proprietary BeamFlex+ adaptive antenna technology for performance optimization and interference mitigation, delivering superior user experiences at extended ranges.



The A770 installation package includes the following items:

- A770 Access Point
- One T-bar mounting bracket
- Four T-bar mounting clips
- One AP mounting kit
- Declaration of Conformity / Regulatory flyer

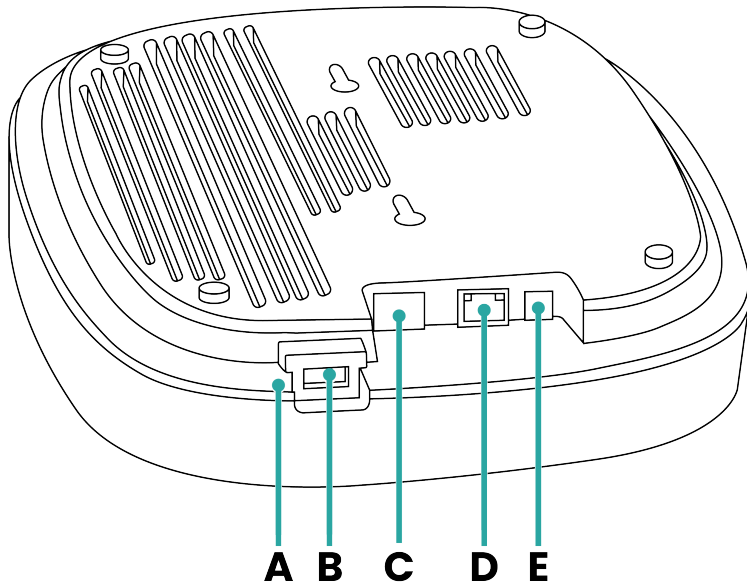
Required tools for installation:

- A computer with an Ethernet port and Wi-Fi adapter
- CAT 6 (or better) Ethernet cable



Pro Tip: Use CAT 6A for optimal performance.

Anatomy



- A. **Reset button** — Use a thin piece of wire to reach the reset button. Read the "[Reset process](#)" on [page 8](#) page to see how long to hold the reset button for each reset process.
- B. **USB 2.0 port** — Uses a type A plug.
- C. **1G Ethernet port** — 10/100/1000 Mbps port: RJ-45 Ethernet port (non-PoE).



Note: This AP requires 60W PoE++ and CAT 6 (or better) cabling. Make sure the PoE++ switch has enough power for all the connected APs with 20% of the total power budget available (power overhead).

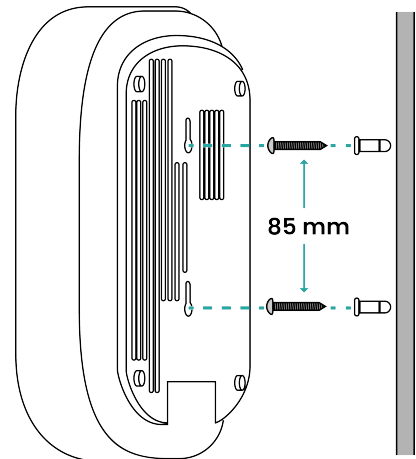
- D. **5G Ethernet PoE In port** — 100/1000/2500/5000 Mbps (supports 802.3bt PoE).
- E. **48 VDC input** — Alternate power method for the AP.

Mounting

Mounting on a flat surface

Use the factory-supplied mounting screws and plastic wall anchors to attach the AP to a wall or other flat surface.

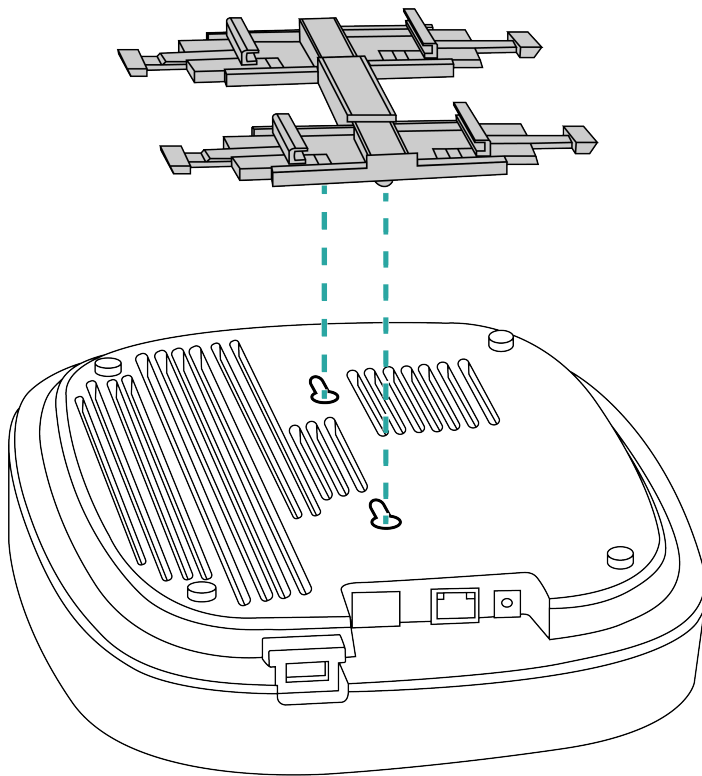
1. Use the included mounting template to mark the locations for two drill holes on the mounting surface. There's 85 mm (3.35") between the center of the two keyholes.
2. Use a 4.75 mm (3/16") drill bit to drill holes approximately 25 mm (1") deep into the mounting surface.
3. Insert the factory-supplied anchors and mounting screws into the mounting surface, leaving approximately 6 mm (0.25") of the screw heads protruding for the AP enclosure.
4. Align the keyholes on the AP enclosure with the mounting screws and place the AP on the screw heads, then push the AP down until the AP retainer tab snaps into place.



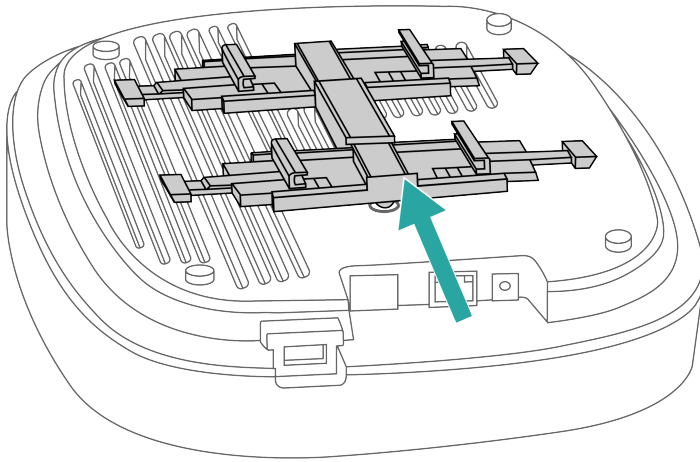
Mounting on a drop-ceiling T-bar

Use the factory-supplied T-bar mounting assembly kit to attach the AP to recessed and flush drop-ceiling T-bars.

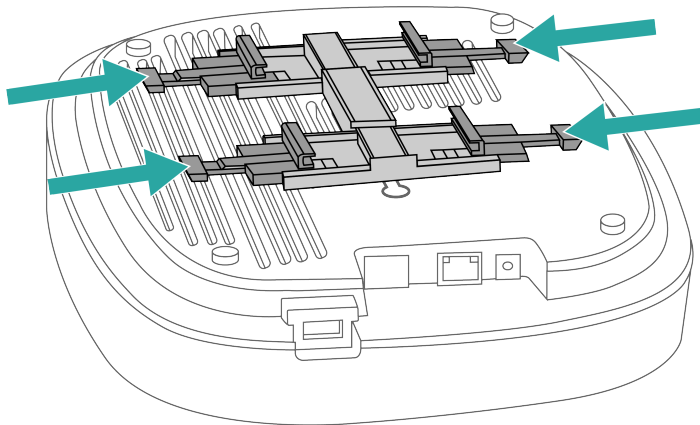
1. Position the studs on the bottom of the T-bar bracket in the keyholes on the AP enclosure.



2. Slide the T-bar bracket away from the Ethernet ports on the bottom of the AP until the AP retainer tab snaps into place, trapping the T-bar bracket studs in the keyholes.

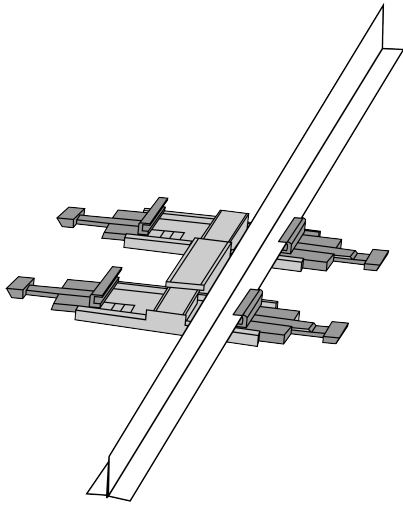



3. Insert the locking tab in the first position on the T-bar bracket.



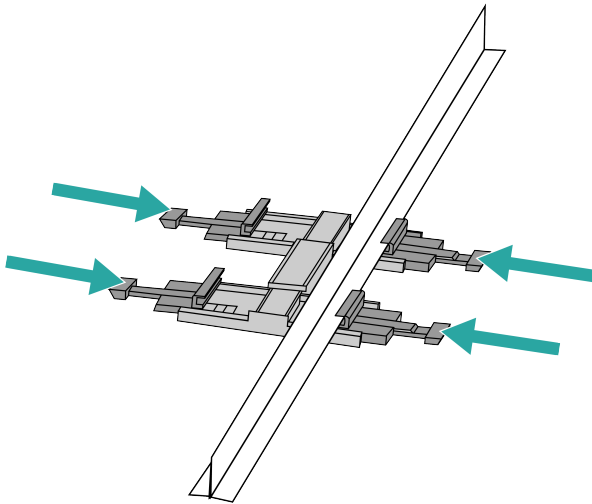
4. Gently push the ceiling tiles, if present, up and out of the way.

5. Position the T-bar bracket so its two clasps grip one edge of the T-bar. Make sure that both clasps are gripping the T-bar.



 **Note:** Ensure that the center line of the bracket body is aligned with the center line of the T-bar.

6. Hold the AP in place and gently push the locking tab until its clasp grips the other edge of the T-bar. Make sure that all four clasps grip the T-bar.



Placing the AP on-site

1. Move the AP to its permanent location (accessible to both power and network connections). For installation instructions, refer to the [Mounting instructions](#).
2. Use an Ethernet cable to connect the AP's PoE port to a network switch or router.
3. Connect the AP to power using a POE ++ switch, router, or power adapter using CAT 6 cable (or better).



Note: This AP requires 60W PoE++ and CAT 6 (or better) cabling. Make sure the PoE++ switch has enough power for all the connected APs with 20% of the total power budget available (power overhead).

4. Verify that the AP's PoE port LED is on.
5. When the AP's LED turns green it has finished booting and does not detect issues.
6. Verify that you can connect to the previously configured wireless network.

LED states

The following table lists a high-level description of each LED color .

Color	Description
Red	The AP is receiving power and is booting up its firmware. If the AP is cycling between Red and another color, the AP is resetting to factory defaults.
Amber	The AP is booting up software services, such as loading the controller, a new configuration, or a firmware update. This color could also mean there are issues with the network gateway or controller.
Green	The AP has finished booting and does not detect issues.

Reset process

Use a thin piece of wire to reach the reset button. The table below describes the reset processes.

Soft reset	Press and hold for less than 5 seconds
Factory reset	Press and hold for more 5 seconds but less than 15 seconds
Recovery mode with factory defaults	Press and hold for more than 15 seconds