

WI-FI 7 ACCESS POINT

Wall-Mount AP

Wi-Fi 7

A dual-band Wi-Fi 7 access point and 2.5G switch in one slim wall plate. Mount it over a network socket, on any wall, or stand it on a desk with the optional stand, and give every room its own fast, managed wireless and wired connection.



5 Gbps

BE5000 aggregate: 688 Mbps 2.4 GHz + 4323 Mbps 5 GHz

2×2 + 2×2

Dual-band, dual-concurrent MU-MIMO with MLO and MRU

4 × 2.5G

2.5G PoE uplink plus 3 × 2.5G LAN, one with PoE out

BLE + Zigbee

Built-in IoT radios for sensors, locks and beacons*

Every room is its own network

Hotel rooms, dorms, wards and branch offices need strong Wi-Fi and a few wired ports right where people sit. The Hermes Wall-Mount AP delivers both from one slim plate on the wall.

Wi-Fi 7 Multi-Link Operation lets phones and laptops use both bands at once for lower latency and steadier throughput. Three 2.5G LAN ports connect smart TVs, IP phones and set-top boxes, and one of them powers an in-room device over PoE. The built-in BLE radio (plus Zigbee on IoT SKUs) turns each AP into a gateway for sensors, door locks and asset tags.

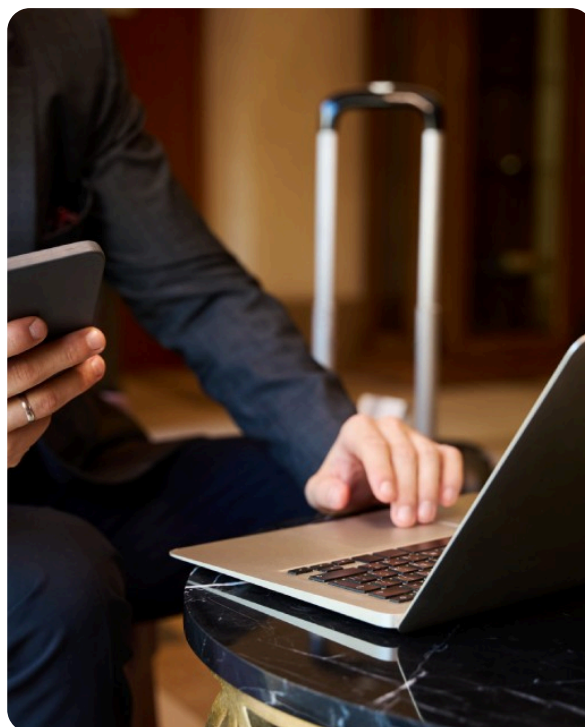
688 Mbps

2.4 GHz · 802.11be 2×2 · 40 MHz



4,323 Mbps

5 GHz · 802.11be 2×2 · 240 MHz



Wi-Fi 7 with MLO & MRU

Multi-Link Operation and Multi-RU puncturing keep latency low and throughput stable in crowded RF.



Built-in 2.5G switch

A 2.5G uplink and three 2.5G LAN ports bring wired speed to TVs, phones and workstations in the room.



PoE in and PoE out

Powered by 802.3bt PoE on the uplink, and passes 802.3at PoE out on LAN1 to an in-room device.



IoT gateway

BLE built in, Zigbee by SKU, for occupancy sensors, smart locks, beacons and asset tracking.



AI roaming & QoE

Clients are steered to the best AP and band as they move, and the AP tunes itself for application experience.



Secure & resilient

Secure boot and dual firmware images, with zero-touch setup and policy from the Hermes Orchestrator.

Designed for

Hotels & serviced apartments

In-room Wi-Fi plus wired TV and phone.

Student housing

One AP per room, managed centrally.

Hospital wards

Bedside connectivity and BLE asset tags.

Branch & dense offices

Desk-level Wi-Fi 7 and 2.5G ports.

Technical specifications

WIRELESS

Standard	IEEE 802.11be (Wi-Fi 7), backward compatible with 802.11a/b/g/n/ac/ax
Radios	2.4 GHz 2x2 + 5 GHz 2x2, dual-band dual-concurrent, MU-MIMO
2.4 GHz rate	688 Mbps (2SS, 40 MHz)
5 GHz rate	4,323 Mbps (2SS, 240 MHz)
Wi-Fi 7 features	MLO, MRU, AI roaming, AI QoE
Antennas	3 integrated: 4 dBi 2.4 GHz · 5 dBi 5 GHz · 1.78 dBi BLE
IoT radios	Bluetooth Low Energy; Zigbee by SKU

INTERFACES

Uplink	1 × RJ45, 10/100/1000/2500BASE-T, PoE-PD 802.3bt
LAN	3 × RJ45, 10/100/1000/2500BASE-T
PoE out	LAN1, PoE-PSE 802.3at

SYSTEM & MANAGEMENT

Firmware	Dual image, secure boot
Management	Hermes Orchestrator (cloud), local web UI, zero-touch provisioning

PHYSICAL & ENVIRONMENTAL

Mounting	Over-the-socket wall plate, generic wall mount, optional desktop stand
Weight	330 g · 400 g with bracket
Operating	0 to 40 °C · 10–90 % RH non-condensing
Storage	–40 to 70 °C · 5–90 % RH non-condensing

THREE WAYS TO INSTALL



Over the socket

Covers an existing wall network outlet, no new cabling.



Generic wall mount

Bracket screws to any wall; cable runs inside.



Desktop stand

Optional stand turns the AP into a tabletop unit for desks and reception counters.

Fast Wi-Fi 7 in every room.

Talk to our team about pilots, volume pricing and NaaS bundles for the Hermes Network Wi-Fi 7 Wall-Mount AP.



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