



Huawei AP371

BE3600 Wi-Fi 7 Dual-Band 2.5GE PoE+ Ceiling AP · Specification summary



Huawei description	Settled AP Wi-Fi 7 3.57 Gbps device rate Dual-radio 150 access users recommended Max. 256 access users 23 dBm transmit power Smart antenna 18 m optimal coverage range
Part number	50087399-001 / 50087399-003
Huawei category	WLAN / AP300 Series
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be; 5 GHz:802.11a/n/ac/ac Wave 2/ax/be
Installation Type	Wall,Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)
Optimal Signal Distance (m)	18
Max Number of Access Users	256
Recommended Number of Access Users	150
Device Rate	3.57 Gbps
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500 Mbit/s auto-sensing
Radio number	2
Maximum channel bandwidth [MHz]	Radio 0 (2.4 GHz): 40 MHz; Radio 1 (5 GHz): 160 MHz
Maximum transmit power	2.4 GHz: 20 dBm/chain; 23 dBm (combined power); 5 GHz: 20 dBm/chain; 23 dBm (combined power)
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2; Radio 1 (5 GHz): 2x2
Maximum power consumption [W]	13.3 (excluding USB)
Input voltage range [V]	DC: 12 V $\pm$ 10%; PoE: 802.3at/af
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 180 mm x 35 mm (7.09 in. x 1.38 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	61 mm x 231 mm x 203 mm (2.40 in. x 9.09 in. x 7.99 in.)

Weight without packaging [kg(lb)]	0.47 kg (1.04 lb)
Weight with packaging [kg(lb)]	0.69 kg (1.52 lb)
Long-term operating temperature [°C(°F)]	-10°C to +50°C (14°F to 122°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum temperature of the device decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
Radio interface	Built-in smart antennas
Antenna gain	2.4 GHz: 4 dBi/chain (peak gain); 1 dBi (combined gain); 5 GHz: 5 dBi/chain (peak gain); 3 dBi (combined gain)
Operating frequency band	2.4GHz,5GHz

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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