



Huawei AP361H

AX1800 Wi-Fi 6 Dual-Band 1GE PoE Ceiling AP (Wider Coverage) ·
Specification summary



Huawei description	Settled AP Wi-Fi 6 1.775 Gbps device rate Dual-radio 80 access users recommended 27 dBm transmit power Smart antenna 30 m optimal coverage range
Part number	50089614
Huawei category	WLAN / AP300 Series
Installation Type	Wall,Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod)
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.)]	240 mm x 373 mm x 57 mm (9.45 in. x 14.69 in. x 2.24 in.)
Weight without packaging [kg(lb)]	0.450 kg (0.99 lb)
Weight with packaging [kg(lb)]	0.88 kg (1.94 lb)
Power supply mode	PoE
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion B; Differential mode (48 V-RTN): 0.5 kV (1.2/50 us, 42 ohms), criterion B
Input voltage range [V]	PoE: 802.3at/af
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature [°C(°F)]	0°C to 40°C (32°F to 104°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum ambient temperature decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Long-term operating altitude [m(ft.)]	-60 m to +5000 m (-196.85 ft to +16404.20 ft)
Radio number	2
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax; 5 GHz: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas
Antenna gain	2.4G: 4 dBi/chain (peak); 2 dBi (combined gain); 5G: 5 dBi/chain (peak value); 3 dBi (combined gain)

Maximum transmit power	2.4 GHz: 24 dBm/chain; 27 dBm (combined power); 5 GHz: 24 dBm/chain; 27 dBm (combined power)
Maximum power consumption [W]	14.7
Maximum heat dissipation [BTU/hour]	47.7
Operating frequency band	2.4GHz,5GHz
Maximum channel bandwidth [MHz]	Radio 0 (2.4 GHz): 40 MHz; Radio 1 (5 GHz): 80 MHz

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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