



Huawei AP673

BE14000 Wi-Fi 7 Tri-Band High Density 5GE PoE+ Ceiling AP ·
Specification summary



Huawei description	Settled AP Wi-Fi 7 13.66 Gbps device rate Tri-radio 300 access users recommended Max. 1024 access users 26 dBm transmit power 1 x 100M/GE/2.5GE/5GE electrical port, 1 x 10M/100M/GE electrical port, 1 x USB port Smart antenna 40 m optimal coverage range
Part number	50087291 / 50087291-004
Huawei category	WLAN / AP600 Series
Wi-Fi standard	2.4 GHz: 802.11b/g/n/ax/be; 5 GHz: 802.11a/n/ac/ac Wave 2/ax/be; 6 GHz: 802.11a/ax/be
Installation Type	Wall,Ceiling (Solid Wall/Gypsum Board/Spring Tee/Flat-Edge T-Rail/Channel Rail/Beam/Threaded Rod),Junction Box (86 mm/1-Gang 120 mm/Octagonal/2-Gang 120 mm)
Optimal Signal Distance (m)	40
Max Number of Access Users	1024
Recommended Number of Access Users	300
Device Rate	13.66 Gbps
Maximum number of physical ports on the entire device	5GE (RJ45) x 1, 100M/1000M/2500M/5000M auto-sensing; GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Radio number	3
Maximum channel bandwidth [MHz]	Radio 0 (2.4 GHz): 40 MHz; Radio 1 (5 GHz): 80 MHz; Radio 2 (6 GHz): 320 MHz
Maximum transmit power	2.4 GHz: 20 dBm/chain; 23 dBm (combined power); 5 GHz (2x2): 20 dBm/chain; 23 dBm (combined power); 6 GHz (4x4): 20 dBm/chain; 26 dBm (combined power)
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2; Radio 1 (5 GHz): 2x2; Radio 2 (6 GHz): 4x4
Maximum power consumption [W]	21.1 W (excluding USB)
Input voltage range [V]	DC: 12 V ± 10%; PoE: 802.3at/af
Dimensions without packaging (H x W x D) [mm(in.)]	Diameter x depth: 220 mm x 45 mm (8.66 in. x 1.77 in.)

Dimensions with packaging (H x W x D) [mm(in.)]	72 mm x 260 mm x 255 mm (2.83 in. x 10.24 in. x 10.04 in.)
Weight without packaging [kg(lb)]	0.745 kg (1.64 lb)
Weight with packaging [kg(lb)]	1.230 kg (2.71 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); 2 dBi (combined gain); 5 GHz: 5 dBi/chain (peak gain); 3 dBi (combined gain); 6 GHz: 5 dBi/chain (peak gain); 3 dBi (combined gain)
Operating frequency band	2.4GHz,5GHz,6GHz

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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