



Huawei AP673E

BE7900 Wi-Fi 7 Tri-Band 5GE PoE+_In/Out Ceiling AP · Specification summary



Huawei description	Settled AP Wi-Fi 7 7.89 Gbps device rate Tri-radio 180 access users recommended Max. 1024 access users 26 dBm transmit power Smart antenna 30 m optimal coverage range
Part number	50088144
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; 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),Junction Box (86 mm/1-Gang 120 mm/Octagonal/2-Gang 120 mm)
Optimal Signal Distance (m)	30
Max Number of Access Users	1024
Recommended Number of Access Users	180
Device Rate	7.89 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-H): 80 MHz; Radio 2 (5 GHz-L): 160 MHz
Maximum transmit power	2.4 GHz: 20 dBm/chain; 23 dBm (combined power); 5 GHz (2x2): 20 dBm/chain; 23 dBm (combined power); 5 GHz (4x4): 20 dBm/chain; 26 dBm (combined power)
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2; Radio 1 (5 GHz-H): 2x2 (high frequency band: 5490–5850 MHz); Radio 2 (5 GHz-L): 4x4 (low frequency band: 5150–5330MHz)
Maximum power consumption [W]	22.3 (excluding USB and PoE out)
Input voltage range [V]	DC: 43.2 V to 57.6 V; PoE: 802.3bt/at/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)]	0.740 kg (1.63 lb)
Weight with packaging [kg(lb)]	1.225 kg (2.7 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-1: 5 dBi/chain (peak gain); 3 dBi (combined gain); 5 GHz-2: 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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