



Huawei AP772E

BE6450 Wi-Fi 7 Dual-Band 2.5GE PoE+/SFP+ Directional Outdoor AP · Specification summary



Huawei description	Outdoor AP Wi-Fi 7 6.45 Gbps device rate Dual-radio 130 access users recommended Max. 1024 access users 30 dBm transmit power 250 m optimal coverage distance
Part number	50088138
Huawei category	WLAN / AP700 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,Pole
Optimal Signal Distance (m)	250
Max Number of Access Users	1024
Recommended Number of Access Users	130
Device Rate	6.45 Gbps
Maximum number of physical ports on the entire device	2.5GE (RJ45) x 1, 100M/1000M/2500M auto-sensing; 10GE optical (SFP+), GE/2.5GE/10GE 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: 25 dBm/chain; 28 dBm (combined power); 5 GHz: 24 dBm/chain; 30 dBm (combined power)
MIMO spatial streams	Radio 0 (2.4 GHz): 2x2; Radio 1 (5 GHz): 4x4
Maximum power consumption [W]	20.4 (excluding USB)
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.)]	220 mm x 250 mm x 77 mm (8.66 in. x 9.84 in. x 3.03 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	170 mm x 555 mm x 370 mm (6.69 in. x 21.85 in. x 14.57 in.)

Weight without packaging [kg(lb)]	2.76 kg (6.08 lb)
Weight with packaging [kg(lb)]	5.65 kg (12.46 lb)
Long-term operating temperature [°C(°F)]	–40°C to +70°C (–40°F to +158°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]	Operating humidity: 0% RH to 100% RH; Storage humidity: 5% RH to 95% RH (non-condensing)
Radio interface	Built-in directional antennas
Antenna gain	2.4 GHz: 10 dBi/chain (peak value); 10 dBi (combined gain); 5 GHz: 11 dBi/chain (peak value); 10 dBi (combined gain)
Operating frequency band	2.4GHz,5GHz
Ingress protection level (dustproof/waterproof)	IP68
Power supply mode	PoE,DC power adapter
Rated input voltage [V]	DC: 48 V; PoE: 802.3bt/at/af

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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