

## Indoor CAP



THE CAP is an enterprise-grade, concurrent dual-band Wi-Fi 6 indoor access point. THE CAP supports 4 x 4 uplink and downlink MU-MIMO between the AP and multiple clients, with up to 2.9 Gbps aggregated data rate. THE CAP is equipped with Bluetooth Low Energy (BLE) radio enabling value-added applications such as iBeacon.

### Features

- Concurrent Dual-Band 2.4GHz & 5GHz
- 802.11ax 4x4 UL MU-MIMO supporting up to 2.9 Gbps data rate
- Enterprise-Grade Wireless Security
- Bluetooth Low Energy (BLE)

# Indoor Cap

## Retail

### GENERAL INFORMATION

Dimensions (L*W*H)	195 x 201 x 398mm, 7.68 x 7.91x 15.67 in
Weight	0.7 kg 1.54 lb
Materials	Body: Plastic

### OPERATING AND ELECTRICAL

Power Consumption	Up to 25W max.
Power	DC Input: 12V / 2A (Power adapter included) PoE: 802.3at compliant (PoE injector purchased separately)
Physical Data Rate	Up to 574 Mbps (2.4 GHz) Up to 2,400 Mbps (5 GHz)
Interfaces	Uplink: 1 x 10/100/1000/2.5GBase-T Ethernet, Auto MDIX, RJ-45 with 802.3at PoE LAN: 1 x 10/100/1000/2.5GBase-T Ethernet, Auto MDIX, RJ-45 Console: 1 x RJ-45 Port USB: 2 x USB 2.0 Port ( One USB port work at a time)
LED	Uplink / 2.4G-WiFi / 5G-WiFi / Power
Buttons	Restart / Reset
Operating Temperature	0°C to +45°C (32°F to +113°F)
Antenna	Type: 4 x Built-in antenna (2.4 GHz & 5 GHz) Gain: 5.5dBi (2.4 GHz, BLE), 7.6 dBi (5 GHz)
CPU	IPQ8071A
Flash	NOR: 32MB NAND: 256MB
Memory	1GB
ESD	IEC-61000-4-2 +/-4KV for contact discharge, +/-8KV for Air discharge (criteria B)

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Group	Standard abbreviation
Standards	802.11ax (Wi-Fi 6) Concurrent dual-band 2.4 GHz & 5 GHz
Supported Data Rates	802.11b: 1, 2, 5.5, 11 Mbps 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: 6.5–300 Mbps (20 / 40 MHz) 802.11ac: 6.5–1733 Mbps (20 / 40 / 80 MHz) 802.11ax: 3.6–574 Mbps (2.4 GHz, 20 / 40 MHz) 802.11ax: 3.6–2400 Mbps (5 GHz, 20 / 40 / 80 MHz)
Radio Chains	2.4 GHz: 2 x 2 5 GHz: 4 x 4
Spatial Streams	2.4 GHz: 2; MU-MIMO support 5 GHz: 4; MU-MIMO support
Aggregate Conducted Transmit Power* <sub>2</sub>	2.4 GHz: 23dBm* <sub>1</sub> 5 GHz: 26dBm* <sub>1</sub>
Channelization	2.4 GHz: 20 / 40 MHz 5 GHz: 20 / 40 / 80MHz
Frequency Range	2.400–2.483 GHz 5.150–5.850 GHz
Operating Channels	2.4 GHz: 1–11 (US), 1–13 (Europe), 1–13 (Japan) 5 GHz* <sub>2</sub> : 36–165 (US), 36–140 (Europe), 36–144 (Japan)
Certifications	FCC, CE, LVD, NCC, BSMI, VCCI, JATE, IC, C-Tick, Philippines, Thailand

### Notes

\*1: Maximum power is limited by local regulatory requirements

\*2: Some channels are restricted by local regulatory requirements

3. The CAP is based on EAP102 Edge-Core Gateway with Juganu's SW

## Mounting

- Wall/Ceiling/T-bar mount (Mounting kit included)



## Ordering Information

For more information, please contact Juganu Sales