RG-AP680-L RUIJIE Wi-Fi 6



Kode : RG-AP680-L
Brand : Ruijie - Reyee
Jenis : Wireless Outdoor

Untuk mendapatkan harga terbaik dan info ketersediaan silakan menghubungi tim Sales kami melalui Whatsapp di nomor 0811 2039 555 (chat only) atau melalui email ke sales@citraweb.com

Penawaran Harga Spesial
08112039555

The RG-AP680-L is an 802.11ax-compliant dual-radio wireless access point (AP) provided by Ruijie Networks for general education, small- and medium-sized enterprise, energy, business, government, healthcare, and other outdoor scenarios. It complies with 802.11ax, 802.11ac Wave2, 802.11ac Wave1, and 802.11n. With a hardware-independent dualradio design, the RG-AP680-L can provide a data rate of up to 2.975 Gbps. The ultra-fast wireless rate eliminates the performance bottleneck.

***Belum termasuk adaptor dan poe injector**
***Spesifikasi perangkat dijual bisa berbeda dengan yang ditampilkan karena menyesuaikan dengan regulasi di Indonesia.**

Product Highlights :

- Industrial-grade product design, IP68 rating, Operating temperature: –40°C to +65°C
- High-power omnidirectional antennas with 360° coverage to every corner
- Upgraded to Wi-Fi 6, a combined data rate of up to 2975 Mbps
- Ruijie cloud management, intelligent optimization

Specification

Model	RG-AP680-L
Hardware specifications	
Radio	Dual-radio and four spatial streams: - Radio 1: 2.4 GHz, two spatial streams, 2x2 MU-MIMO - Radio 2: 5 GHz, two spatial streams, 2x2 MU-MIMO

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Operating frequencies	Radio 1: 802.11b/g/n/ax - 2.400 GHz to 2.483 GHz, channels 1 to 13 Radio 2: 802.11a/n/ac/ax - 5.150 GHz to 5.250 GHz, U-NII-1, channels 36, 40, 44, and 48 - 5.250 GHz to 5.350 GHz, U-NII-2A, channels 52, 56, 60, and 64 - 5.470 GHz to 5.725 GHz, U-NII-2C, channels 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, and 140 - 5.725 GHz to 5.850 GHz, U-NII-3/ISM, channels 149, 153, 157, 161, and 165 Note: Country-specific restrictions apply.
Data rates	Combined peak data rate: 2.975 Gbps Radio 1: 2.4 GHz, 574 Mbps - Two spatial stream Single User (SU) MIMO for up to 574 Mbps wireless data rate to individual 2SS HE40 802.11ax client devices (max.) - Two spatial stream Single User (SU) MIMO for up to 287 Mbps wireless data rate to individual 2SS HE20 802.11ax client devices (typical) Radio 2: 5 GHz, 2.4 Gbps - Two spatial stream Single User (SU) MIMO for up to 2.4 Gbps wireless data rate to individual 2SS HE160 802.11ax client devices (max) - Two spatial stream Single User (SU) MIMO for up to 1.2 Gbps wireless data rate to individual 2SS HE80 802.11ax client devices (typical) - Two spatial stream Multi-User (MU) MIMO for up to 2.4 Gbps wireless data rate to up to two 1SS HE160 802.11ax DL-MU-MIMO capable client devices simultaneously (max) - Two spatial stream Multi-User (MU) MIMO for up to 1.2 Gbps wireless data rate to up to two 1SS HE80 802.11ax DL-MU-MIMO capable client devices simultaneously (typical)
Data rate set	The following 802.11-compliant data rates in Mbps are supported: 2.4 GHz radio - 802.11b: 1, 2, 5.5, 11 - 802.11g: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 - 802.11n: 6.5 to 300 (MCS0 to MCS15, HT20 to HT40) - 802.11ac: 6.5 to 400 (MCS0 to MCS9, NSS = 1 to 2,VHT20 to VHT40) - 802.11ax: 8.6 to 575 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40) 5 GHz radio - 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 - 802.11n: 6.5 to 300 (MCS0 to MCS15, HT20 to HT40) - 802.11ac: 6.5 to 1732 (MCS0 to MCS9, NSS = 1 to 2,VHT20 to VHT160) - 802.11ax: 8.6 to 2,402 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE160)
Packet aggregation	802.11n/ac/ax: A-MPDU and A-MSDU
Antenna type	Built-in omnidirectional antenna (two 2.4 GHz antennas and two 5 GHz antennas)
Max. antenna gain	2.4 GHz radio: 4 dBi 5 GHz radio: 6 dBi
Max. transmit power	2.4 GHz radio: 28 dBm (25 dBm per chain) 5 GHz radio: 28 dBm (25 dBm per chain) Note: The transmit power is limited by local regulatory requirements.
Ports	
Service Ports	1 x 10/100/1000Base-T Ethernet port with auto-negotiation, compliant-with IEEE 802.3af/802.3at standard 1 x GE SFP port

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Management Port	1 x RJ45 console port (serial console port)
Status LED	1 x multi-color system status LED 3 x single-color RSSI LEDs
Button	1 x Reset button - Press the button for shorter than 2 seconds. Then the device restarts. - Press the button for longer than 5 seconds. Then the device restores to factory settings
Bluetooth Radio	
Max. antenna gain	5 dBi
Max gain	10 dBm, with receive sensitivity -88 dBm (@BLE)
Power Supply and Consumption	
Input power supply	The AP supports the following two power supply modes: - 48 V DC/0.35 A power input over DC connector: The DC connector accepts 2.0 mm/6.3 mm centerpositive circular plug. A DC power adapter needs to be purchased independently. - PoE input over ETH/PoE: The power source equipment (PSE) complies with IEEE 802.3af/at standard (PoE/PoE+). Note: - If both DC power and PoE are available, DC power is preferred.
Power Consumption	Max power consumption: 12.95 W - DC powered: 12.95 W - PoE powered (802.3af): 12.95 W - PoE+ powered (802.3at): 12.95 W - PoE++ powered (802.3bt): 12.95 W - Idle mode: 6.0 W
Environment and Reliability	
Temperature	Operating temperature: –40°C to +65°C (–40°F to +149°F) Storage temperature: –40°C to +85°C (–40°F to +185°F) Note: At an altitude between 3,000 m (9,843 ft) and 5,000 m (16,404 ft), every time the altitude increases by 220 m (722 ft), the maximum temperature decreases by 1°C (1.8°F).
Humidity	Operating Humidity: 0% to 100% (non-condensing)
	Storage Humidity: 0% to 100% (non-condensing)
IP Rating	IP68
MTBF	> 250000 H
Certifications and Compliance	
Regulatory compliance	GB 4943.1 GB/T 19286 GB/T 17618 IEC 60950-1 IEC 60825-1 EN 300386

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Certifications	Wi-Fi Alliance: - Wi-Fi CERTIFIED a, b, g, n, ac, ax - WPA2™-Enterprise 2018-04 - WPA2™-Personal 2021-01 - WPA3™-Enterprise 2020-02 - WPA3™-Personal 2020-12 - WPA™-Enterprise - WPA™-Personal - WMM®, W-Fi Agile Multiband™

Download Datasheet

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URL : https://www.citraweb.com/produk/1051/

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