

# RG-AP680-L RUIJIE Wi-Fi 6

**Kode** : RG-AP680-L


**Brand** : Ruijie - Reye

**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

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

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

|                                      |   |
|--------------------------------------|---|
| <b>Management Port</b>               | 1 x RJ45 console port (serial console port)   |
| <b>Status LED</b>                    | 1 x multi-color system status LED<br>3 x single-color RSSI LEDs   |
| <b>Button</b>                        | 1 x Reset button<br>- Press the button for shorter than 2 seconds. Then the device restarts.<br>- Press the button for longer than 5 seconds. Then the device restores to factory settings  |
| <b>Bluetooth Radio</b>               |   |
| <b>Max. antenna gain</b>             | 5 dBi   |
| <b>Max gain</b>                      | 10 dBm, with receive sensitivity -88 dBm (@BLE)   |
| <b>Power Supply and Consumption</b>  |   |
| <b>Input power supply</b>            | The AP supports the following two power supply modes:<br>- 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.<br>- PoE input over ETH/PoE: The power source equipment (PSE) complies with IEEE 802.3af/at standard (PoE/PoE+).<br>Note:<br>- If both DC power and PoE are available, DC power is preferred. |
| <b>Power Consumption</b>             | Max power consumption: 12.95 W<br>- DC powered: 12.95 W<br>- PoE powered (802.3af): 12.95 W<br>- PoE+ powered (802.3at): 12.95 W<br>- PoE++ powered (802.3bt): 12.95 W<br>- Idle mode: 6.0 W  |
| <b>Environment and Reliability</b>   |   |
| <b>Temperature</b>                   | Operating temperature: -40°C to +65°C (-40°F to +149°F)<br>Storage temperature: -40°C to +85°C (-40°F to +185°F)<br>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).   |
| <b>Humidity</b>                      | Operating Humidity: 0% to 100% (non-condensing)   |
|                                      | Storage Humidity: 0% to 100% (non-condensing)   |
| <b>IP Rating</b>                     | IP68  |
| <b>MTBF</b>                          | > 250000 H  |
| <b>Certifications and Compliance</b> |   |
| <b>Regulatory compliance</b>         | GB 4943.1<br>GB/T 19286<br>GB/T 17618<br>IEC 60950-1<br>IEC 60825-1<br>EN 300386  |

|                       |  |
|-----------------------|--|
| <b>Certifications</b> | Wi-Fi Alliance: <ul style="list-style-type: none"><li>- Wi-Fi CERTIFIED a, b, g, n, ac, ax</li><li>- WPA2™ -Enterprise 2018-04</li><li>- WPA2™ -Personal 2021-01</li><li>- WPA3™ -Enterprise 2020-02</li><li>- WPA3™ -Personal 2020-12</li><li>- WPA™ -Enterprise</li><li>- WPA™ -Personal</li><li>- WMM®, W-Fi Agile Multiband™</li></ul> |
|-----------------------|--|

[Download Datasheet](#)

\* Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat

**URL :** <https://www.citraweb.com/produk/1051/>

**Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email [sales@citraweb.com](mailto:sales@citraweb.com)**

www.citraweb.com