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# RG-AP820-L(V3) RUIJIE Wi-Fi 6 AX3000 Dual Band Indoor Access Point



**Kode** : RG-AP820-L(V3)
**Brand** : Ruijie - Reyee
**Jenis** : Wireless Indoor

The RG-AP820-L(V3) Ruijie Reyee is a dual-radio 802.11ax-compliant settled wireless access point (AP) provided by Ruijie Networks for general education, higher education, government, finance, business, and other indoor scenarios. Compared with the RG-AP820-L(V2), the RGAP820-L(V3) adds the optical port.

***Belum termasuk adaptor dan poe injector**

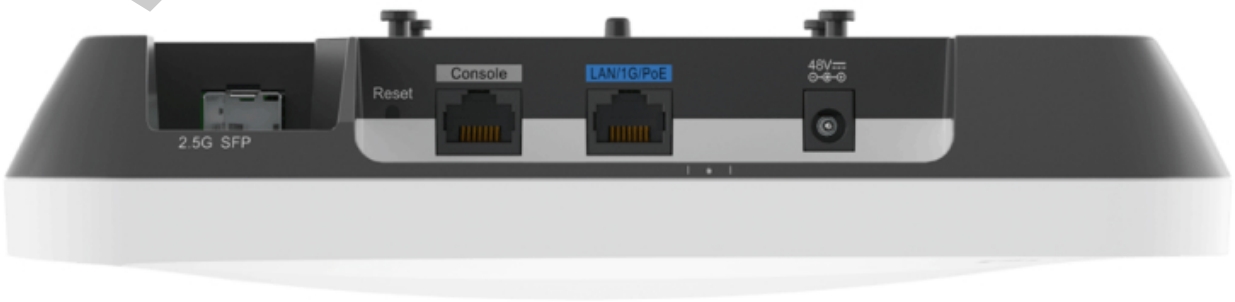
***Spesifikasi perangkat dijual bisa berbeda dengan yang ditampilkan karena menyesuaikan dengan regulasi di Indonesia.**

**Produk ini merupakan produk Fix Price. Pembelian produk tidak dapat menggunakan diskon apapun.**

Penawaran Harga Spesial
08112039555

Product Highlights :

- Maximum ROI (lifetime-free cloud management)
- HE160 support for higher throughput with latest Wi-Fi 6 chipsets
- Hybrid management (cloud/controller/standalone)
- Multiple WPA3 authentication and encryption modes including WPA3-Personale (SAE), WPA3- Personal mixed mode, WPA3-Enterprise (CCMP, 128 bits), improving data security
- Fit mode: IEEE 802.11k/v/r support, roaming stickiness optimization, and remote association improvement for better user experience
- OFDMA and 1024-QAM, improving multi-user efficiency
- Bluetooth 5.1 and iBeacon support




**Specification**

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| **Model** | RG-AP820-L(V3) |
| **Hardware specifications** | |
| **Radio** | Dual-radio and up to 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 |
| **Operating frequencies** | Radio 1, 802.11b/g/n/ax:<br>2.400 GHz to 2.4835 GHz, ISM Radio 2, 802.11a/n/ac/ax:<br>5.150 GHz to 5.250 GHz, U-NII-1<br>5.250 GHz to 5.350 GHz, U-NII-2A<br>5.470 GHz to 5.725 GHz, U-NII-2C<br>5.725 GHz to 5.850 GHz, U-NII-3/ISM<br>Note: Country-specific restrictions apply. |
| **Data rates** | Combined peak data rate: 2.975 Gbps<br>2.4 GHz radio :<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>5 GHz radio :<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) |
| **Data rate set** | 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>802.11ax: 8.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40)<br><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 1,732 (MCS0 to MCS9, NSS = 1 to 4, VHT20 to VHT160)<br>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** | 2.8 dBi in 2.4 GHz and 3.6 dBi in 5 GHz<br>The downtilt angle for the maximum gain is roughly 30 degrees.<br>With reference to the pattern of each antenna of the MIMO radios, the maximum gain of the effective per-antenna pattern is 2.3 dBi in the 2.4 GHz radio and 2.7 dBi in the 5 GHz radio. |
| **Max. transmit power** | 2.4 GHz radio: 26 dBm (23 dBm per chain)<br>5 GHz radio: 26 dBm (23 dBm per chain)<br>Note: The transmit power is limited by local regulatory requirements. |
| **Ports** | |

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| **Service Ports** | 1 x 10/100/1000Base-T RJ45 Ethernet port with auto-negotiation<br>- Compliance with IEEE 802.3af standard (PoE)<br>- Auto MDI/MDIX crossover<br>- PoE-PD: 54 V DC (nominal) 802.3af/at/bt (Class 3 or higher)<br>- 802.3az EEE<br>1 x 2.5GE SFP combo port compatible with 1GE |
| **Management Port** | 1 x RJ45 console port (serial console port) |
| **Status LED** | 1 x multi-color system status LED |
| **Button** | 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 |
| **Bluetooth Radio** | |
| **Bluetooth** | Bluetooth 5.1 |
| **Max gain** | 2.4 dBi, with a downtilt angle of roughly 30 degrees |
| **Power Supply and Consumption** | |
| **Input power supply** | The AP supports the following two power supply modes:<br>- 48 V DC/0.6 A power input over DC connector: The DC connector accepts 2.1 mm/5.5 mm center-positive circular plug. A DC power adapter needs to be purchased separately.<br>- PoE input over LAN 1: The power source equipment (PSE) complies with IEEE 802.3af standard (PoE).<br>Note: If both DC power and PoE are available, DC power is preferred. |
| **Power Consumption** | 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 W |
| **Environment and Reliability** | |
| **Temperature** | Operating temperature: –10°C to +50°C (14°F to +122°F)<br>Storage temperature: –40°C to +70°C (–40°F to +158°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). |
| **Humidity** | Operating Humidity: 0% to 95% (non-condensing) |
| | Storage Humidity: 0% to 95% (non-condensing) |
| **IP Rating** | IP41 |
| **MTBF** | 200,000 hours (22 years) at the operating temperature of 25°C (77°F) |
| **Certifications and Compliance** | |

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| **Regulatory compliance** | FCC Part15 Subpart E (Section 15.407)<br>GB 4943.1<br>CE Marked, EN 300 328, EN 300 440, EN 301 489, EN301 893, EN 50121, EN 50155, EN 55032, EN55035, IEC/EN 62311, IEC/EN 62368-1 (replacing IEC/EN 60950-1),<br>RED Directive 2014/53/EU<br>EMC Directive 2014/30/EU<br>Low Voltage Directive 2014/35/EU |
| **Certifications** | Wi-Fi Alliance:<br>- 2.4 GHz and 5 GHz Spectrum Capabilities<br>- Wi-Fi CERTIFIED a, b, g, n, ac, ax (6)<br>- WPA2™-Enterprise 2018-04<br>- WPA2™-Personal 2018-04<br>- WPA3™-Personal 2019-08<br>- WPA™-Enterprise<br>- WPA™-Personal<br>- WMM®, Wi-Fi Agile Multiband™ |

**Download Datasheet**

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

**URL :** https://www.citraweb.com/produk/1039/

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