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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**

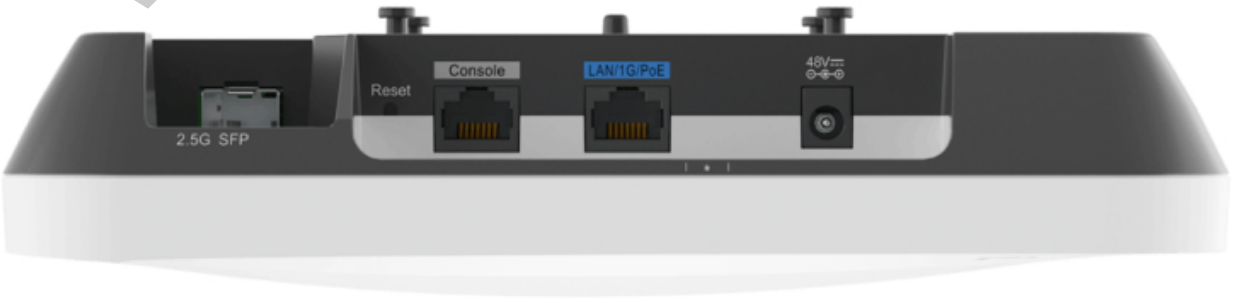
***Spesifikasi perangkat dijual bisa berbeda dengan yang ditampilkan karena menyesuaikan dengan regulasi di Indonesia.**

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: Radio 1: 2.4 GHz, two spatial streams, 2x2 MU-MIMO Radio 2: 5 GHz, two spatial streams, 2x2 MU-MIMO
Operating frequencies	Radio 1, 802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz, ISM Radio 2, 802.11a/n/ac/ax: 5.150 GHz to 5.250 GHz, U-NII-1 5.250 GHz to 5.350 GHz, U-NII-2A 5.470 GHz to 5.725 GHz, U-NII-2C 5.725 GHz to 5.850 GHz, U-NII-3/ISM Note: Country-specific restrictions apply.
Data rates	Combined peak data rate: 2.975 Gbps 2.4 GHz radio : 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) 5 GHz radio : 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)
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) 802.11ax: 8.6 to 574 (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 1,732 (MCS0 to MCS9, NSS = 1 to 4, 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	2.8 dBi in 2.4 GHz and 3.6 dBi in 5 GHz The downtilt angle for the maximum gain is roughly 30 degrees. 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) 5 GHz radio: 26 dBm (23 dBm per chain) 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 - Compliance with IEEE 802.3af standard (PoE) - Auto MDI/MDIX crossover - PoE-PD: 54 V DC (nominal) 802.3af/at/bt (Class 3 or higher) - 802.3az EEE 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 - 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	
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: - 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. - PoE input over LAN 1: The power source equipment (PSE) complies with IEEE 802.3af standard (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 W
Environment and Reliability	
Temperature	Operating temperature: –10°C to +50°C (14°F to +122°F) Storage temperature: –40°C to +70°C (–40°F to +158°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 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) GB 4943.1 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), RED Directive 2014/53/EU EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU
Certifications	Wi-Fi Alliance: - 2.4 GHz and 5 GHz Spectrum Capabilities - Wi-Fi CERTIFIED a, b, g, n, ac, ax (6) - WPA2™-Enterprise 2018-04 - WPA2™-Personal 2018-04 - WPA3™-Personal 2019-08 - WPA™-Enterprise - WPA™-Personal - 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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