RG-AP840-L RUIJIE Wi-Fi 6



Kode : RG-AP840-L
Brand : Ruijie - Reyee
Jenis : Wireless Indoor

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-AP840-L is an 802.11ax-compliant dual-radio wireless access point (AP) provided by Ruijie Networks for general education, higher education, government, finance, business, and other indoor scenarios.It complies with 802.11ax, 802.11ac Wave2, 802.11ac Wave1, and 802.11n. With a hardware-independent dual-radio design, the RG-AP840-L can provide a data rate of up to 5.378 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 :

- Dual-band design (2.4 GHz + 5 GHz), six spatial streams, and up to 5.378 Gbps peak data rate
- 5 Gbps wired data rate to achieve high-speed wireless data backhaul, and access through optical and Ethernet cables for flexible networking
- OFDMA and MU-MIMO, optimizing multi-user access experience
- IEEE 802.11k/v/r support, roaming stickiness optimization, and remote association for better user experience
- WPA3, Enhanced Open Security, 802.1X, MSCHAPv2, and other encryption authentication to enhance data security
- Local and cloud management (free for life) modes, and intelligent wireless network optimization, reducing TCO and maximizing ROI
- Rich IoT features: PoE output, Bluetooth 5.1, and wireless locating

Specification

Model	RG-AP840-L
Hardware specifications	
Radio	Dual-radio and up to six spatial streams: Radio 1: 2.4 GHz, two spatial streams, 2x2 MU-MIMO Radio 2: 5 GHz, four spatial streams, 4x4 MU-MIMO

www.citraweb.com

Operating frequencies	802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz, ISM 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: 5.378 Gbps 5 GHz radio: • Four spatial stream Single User (SU) MIMO for up to 4.804 Gbps wireless data rate to individual 4SS HE160 802.11ax client devices (max.) • Two spatial stream Single User (SU) MIMO for up to 1.201 Gbps wireless data rate to individual 2SS HE80 802.11ax client devices (typical) • Four spatial stream Multi User (MU) MIMO for up to 4.804 Gbps wireless data rate to up to four 1SS or two 2SS HE160 802.11ax DL-MU-MIMO capable client devices simultaneously (max.) • Four spatial stream Multi User (MU) MIMO for up to 2.402 Gbps wireless data rate to up to four 1SS or two 2SS HE80 802.11ax DL-MU-MIMO capable client devices simultaneously (typical) 2.4 GHz radio: • Two spatial stream Single User (SU) MIMO for up to 574 Mbps wireless data rate to 2SS HE40 802.11ax client devices (max.) • Two spatial stream Single User (SU) MIMO for up to 287 Mbps wireless data rate to 2SS HE20 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 600 (MCS0 to MCS31, HT20 to HT40) 802.11ac: 6.5 to 3,467 (MCS0 to MCS9, NSS = 1 to 4, VHT20 to VHT160) 802.11ax: 8.6 to 4,803 (MCS0 to MCS11, NSS = 1 to 4, 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	4.8 dBi in 2.4 GHz and 5.1 dBi in 5 GHz The downtilt angle for the maximum gain is roughly 35 degrees. With reference to the pattern of each antenna of the MIMO radios, the maximum gain of the effective per-antenna pattern is 3.8 dBi in 2.4 GHz and 4.6 dBi in 5 GHz.
Max. transmit power	2.4 GHz radio: 27 dBm (24 dBm per chain) 5 GHz radio: 30 dBm (24 dBm per chain) Note: The transmit power is limited by local regulatory requirements.
Ports	

www.citraweb.com

CITRAWEB SOLUSI TEKNOLOGI
www.citraweb.com
info@citraweb.com
sales@citraweb.com

Service Ports	1 x 100/ 1000/2500/5000Base-T RJ45 Ethernet port with auto-negotiation • Auto MDI/MDIX crossover • NBASE-T/IEEE802.3bz-compliant 5 Gbps • PoE-PD: 54 V DC (nominal value) 802.3af/at/bt (Class 3 or higher) • 802.3az EEE 1 x 5GE combo SFP port, compatible with 1GE and 2.5GE 1 x 10/100/1000Base-T RJ45 Ethernet port with auto-negotiation • Supplying 48 V/12.95 W power to an IoT unit • Auto MDI/MDIX crossover • 802.3az EEE
Management Port	1 x RJ45 console port (serial console port)
USB	USB 3.0 (Type-A connector)
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	3.5 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: • 54 V DC/1.1 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 independently. • PoE input over LAN 1: The power source equipment (PSE) complies with IEEE 802.3af/at/bt standard (PoE/PoE+/PoE++). Note: • If both DC power and PoE are available, DC power is preferred. • When powered by 802.3bt (PoE++), the AP operates with the optimal performance. • When powered by 802.3at (PoE+), the AP starts up normally. LAN 2 and USB port cannot supply power to external devices. • When powered by 802.3af (PoE), the AP starts up normally. Both 2.4 GHz and 5 GHz radio cards can work only in one spatial stream mode. LAN 2 and USB port cannot supply power to external devices.
External power supply	When powered by 802.3bt (PoE++), the AP can supply power to an external device. • The USB port can source 1 A/5 W power to an attached device. • The LAN 2 port can source 48 V/12.95 W power to a unit.
Power Consumption	Max power consumption: 40 W • DC powered: 40 W • PoE powered (802.3af): 12.95 W • PoE+ powered (802.3at): 22 W • PoE++ powered (802.3bt): 40 W • Idle mode: 10.3 W
Environment and Reliability	

www.citraweb.com

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: 5% to 95% (non-condensing)
	Storage Humidity: 5% to 95% (non-condensing)
Environment standard	Operating environment: ETS 300 019 Class 3.2Storage and shipment environment: ETS 300 019 Classes 1.2 and 2.3
MTBF	394,941 hours (45 years) at the operating temperature of 25°C (77°F)
WLAN	
Max. number of BSSIDs	32 (up to 16 BSSIDs per radio)

Download Datasheet

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

URL : https://www.citraweb.com/produk/1130/

Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email sales@citraweb.com

www.citraweb.com