



***Ruijie* | Rcycc**



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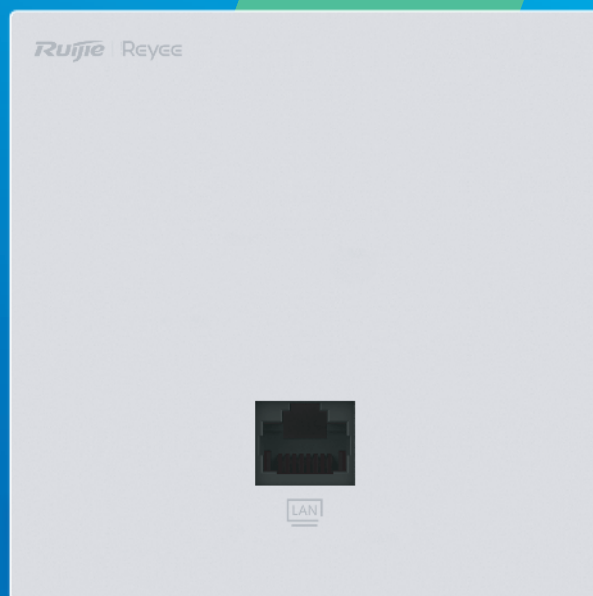
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[www.lifenetsd.com](http://www.lifenetsd.com)

# RG-RAP1261

## Reyee Wi-Fi 6 AX3000 Ultra-Thin Wall Plate Access Point

### DATASHEET



### Highlights

- Wi-Fi 6, 2976Mbps, 2\* GE, 86mm Ultra-Thin Design
- Dual-radio performance, gigabit wireless wall-mounted AP
- Better experience with Cooling Patent Technology
- Easy installation, 86mm standard compatible
- Capable of Reyee Mesh and 802.11K/V/R
- Powerful Standalone Portal via Ruijie Cloud

## Highlight Features

### AX3000 Dual-Band Ultra-Thin Wall Plate Access Point

RG-RAP1261



8.5mm  
Ultra Thin



2.4G/5G



2x2 MIMO



Cooling Patent



PoE in 802.3af

### Experience Wi-Fi 6, Experience Gigabit Internet

New upgrade to AX3000, Speed Test reaches 950Mbps, delivering the fastest possible internet experience



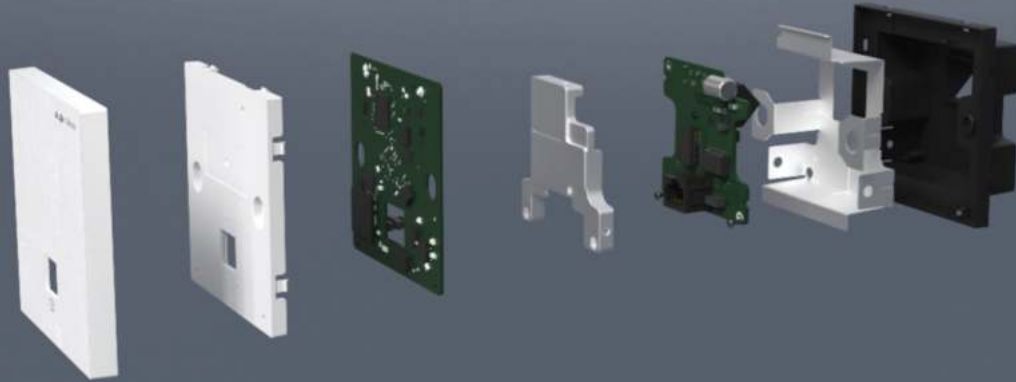
### Easy Installation, Worldwide Compatible



## Highlight Features

### Unprecedented This Design with 8.5mm and Patent Technology

Thinner, Cooler, Stronger. Averagely reduced 7.c in working mode

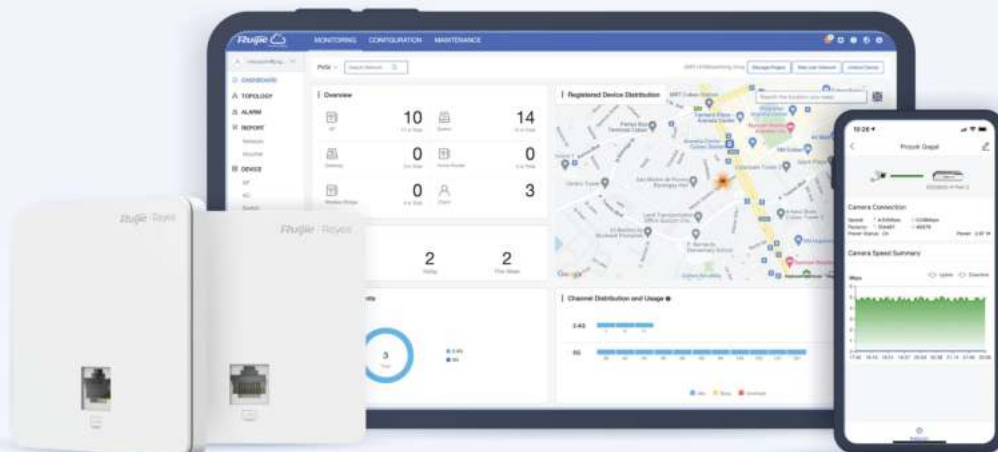


### Smart AI Roaming Enhances Wireless Experience Anywhere You Go



### Cloud, Make Your Business Easy

- Self-organizing network
- Cloud portal authentication
- Remote monitoring and maintenance
- Upgrade firmware via Cloud
- APP library dynamically update



## / Specifications

### Basic Features

Wi-Fi Standards	802.11a/n/ac/ax 802.11b/g/n/ax
MIMO	2.4 GHz, 2x2, MU-MIMO 5 GHz, 2x2, MU-MIMO
Max. Data Rate	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps
Number of Antennas	5
Antenna Type	Built-in omnidirectional antennas
Antenna Gain	2.4 GHz: 1.6 dBi; 5 GHz:: 4.13 dBi Note The peak gain mentioned above refers to the gain of a single antenna.
Transmit Power	Frequency bands using and the max EIRP: Note: Country specific restrictions apply <b>European Union &amp; United Kingdom</b> 2400-2483.5 MHz, EIRP≤ 20 dBm 5150-5350 MHz, EIRP≤ 23 dBm 5470-5725 MHz, EIRP≤ 30 dBm <b>United States:</b> 2400-2483.5 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5725-5825 MHz, max output power≤30dBm & EIRP ≤ 36 dBm <b>Myanmar :</b> 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm <b>Thailand:</b> 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm <b>Indonesia:</b> 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm <b>Egypt:</b> 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm
Fixed Ports	1 x 10/100/1000Base-T Ethernet uplink port 1 x 10/100/1000Base-T Ethernet downlink ports 1 x Reset hole

## / Specifications

### Software Features

Max. Number of  
Concurrent STAs

512

Recommended Number of  
Concurrent STAs

110

Max. Number of SSIDs

8

Supported Frequency  
Bands

802.11b/g/n/ax: 2.400 GHz to 2.483 GHz  
802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz,  
5.725 GHz to 5.850 GHz  
Note: Country-specific restrictions apply.

### WLAN Basic Features

Power Adjustment

✓

Channel Bandwidth

2.4 GHz: Auto/20 MHz/40 MHz  
5 GHz: Auto/20 MHz/40 MHz/80 MHz/160 MHz

Roaming

Layer 2 roaming  
Layer 3 roaming  
802.11k/v/r roaming

OFDMA

✓

Beamforming

✓

Target Wake Time (TWT)\*

✓

Wi-Fi Multimedia (WMM))

✓

Radar Signal Detection and  
Frequency Hopping (DFS)

✓

### WLAN Security

Wi-Fi Password

16 characters

Security Mode

WAP-PSK, WAP2-PSK, and WPA-WAP2-PSK

Blocklist and Allowlist

✓

### Enhanced User Experience

Wi-Fi Optimization

✓

STA Limiting

✓

## Specifications

### Software Features

Removing Low-RSSI STAs



Removing Low-RSSI STAs



Syslog Recording Why  
Users Lose Connection



Auto Channel and Power  
Adjustment on Cloud



RSSI Threshold for STA  
Access



Load Balancing



### Networks

Network Access Mode

PPPoE Client  
DHCP Client  
Static IP

Avoidance of WAN IP  
Address Conflicts



VLAN

Port-based VLAN  
VLAN over 802.1Q  
TV projection screen

DHCP Server



### System

Cloud Management



App Management



App Upgrade



App Restart



Scheduled Restart



Default Access/Password

10.44.77.254

The factory status password: admin

Local Upgrade



Online Upgrade



Backup



## / Specifications

### Hardware Features

Factory Reset	✓
Language	Chinese English
System Log	✓
Diagnostics	✓
Network Check	✓

### Hardware Features

LED	1 x System status LED
Reset Hole	1 x Reset hole
Dimensions (W x D x H)	86 mm x 86 mm x 42.4 mm (3.39 in. x 3.39 in. x 1.67 in.)
Weight	0.16 kg (without the mounting bracket)
Installation Method	In-wall mounting
Pole Diameter	N/A
Power Supply	IEEE 802.3af/at PoE
Max. Power Consumption	10.2 W
PoE Power Budget	N/A

### Environment

Operating Temperature	0°C to 40°C (32°F to 104°F )
Storage Temperature	–40°C to +70°C (–40°F to +158°F )
Operating Humidity	5% to 95% RH (non-condensing)
Storage Humidity	5% to 95% RH (non-condensing)
Ingress Protection Rating (IP Rating)	IP41
Surge Protection	+/-4kV
MTBF	400,000 hours



# Package Contents

Package Information	RG-RAP1261
RG-RAP1261 Access Point	1
Power Adapter	N/A
User Manual	1
Cat5e UTP Cable	N/A
Screw	2
Certification	CE
Warranty Card	1



 **R**edefine **y**our **e**asy network

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