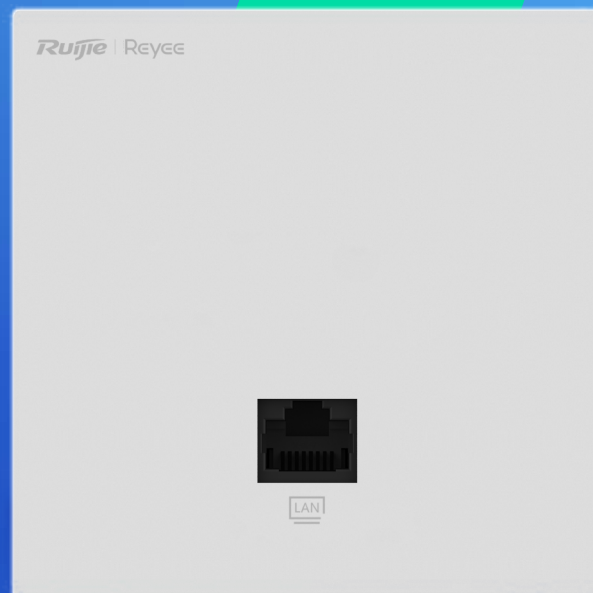


# RG-RAP1261

## 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



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

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



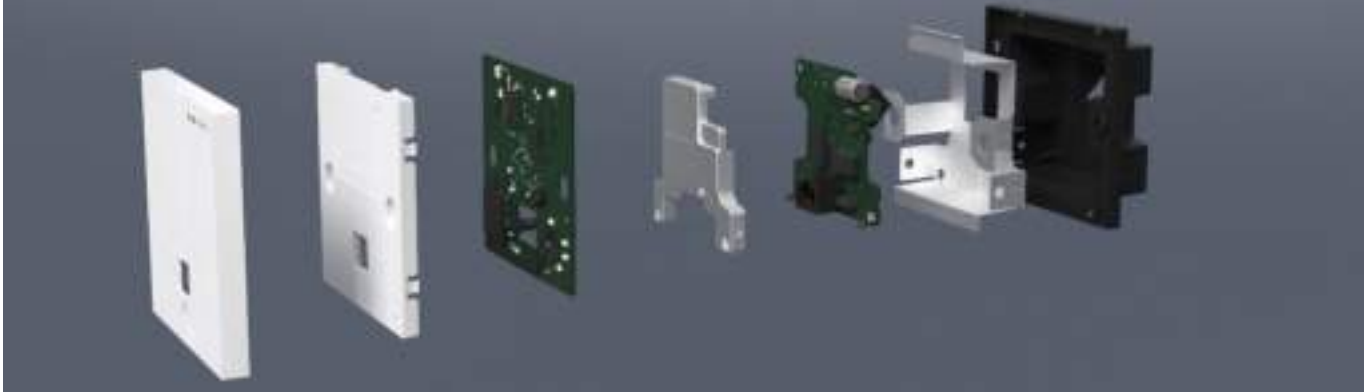
### Easy Installation, Worldwide Compatible



## 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	<p>Frequency bands using and the max EIRP: Note: Country specific restrictions apply</p> <p><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</p> <p><b>United States:</b> 2400-2483.5 MHz, max output power ≤ 30 dBm &amp; EIRP ≤ 36 dBm 5150-5250 MHz, max output power ≤ 30 dBm &amp; EIRP ≤ 36 dBm 5250-5350 MHz, max output power &lt; 24 dBm &amp; EIRP ≤ 30 dBm 5470-5725 MHz, max output power &lt; 24 dBm &amp; EIRP ≤ 30 dBm 5725-5825 MHz, max output power ≤ 30 dBm &amp; EIRP ≤ 36 dBm</p> <p><b>Myanmar :</b> 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm</p> <p><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</p> <p><b>Indonesia:</b> 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm</p> <p><b>Egypt:</b> 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm</p>
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

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