

RG-RAP2260(G) Reyee Wi-Fi 6 AX1800 Indoor Access Point

DATASHEET



Highlights

- Build ultra-high performance network with 1775 Mbps wireless throughput.
- Client connections over 500, provide higher practical performance for users as well.
- Boost Internet Speed with 1 Gbps uplink.
- Easily install extra AP with Reyee Mesh technology.
- Set up Wi-Fi 6 network in 3 minutes with Ruijie Cloud APP.

Highlight Features

Easily Build Your Ultra-fast Wi-Fi 6 Network

Interface Installation



1775 Mbps

WiFi 6 AX1800 Wi-Fi 6

Extremely Low Latency

High-capacity High-speed

Reyee Mesh Technology

Free Cloud Management

This image shows a white, square-shaped mesh node with a central circular logo that reads 'Ruijie | Reyee' and 'WiFi 6' below it. The background is dark blue with large, semi-transparent text '1775 Mbps'.

Easily Build Your Ultra-fast Wi-Fi 6 Network

Interface Installation



WiFi 6 AX1800 Wi-Fi 6

Extremely Low Latency

High-capacity High-speed

Reyee Mesh Technology

Free Cloud Management

This image shows the same white mesh node from a top-down perspective, highlighting its four directional antennas. The background is light gray with a subtle grid pattern.

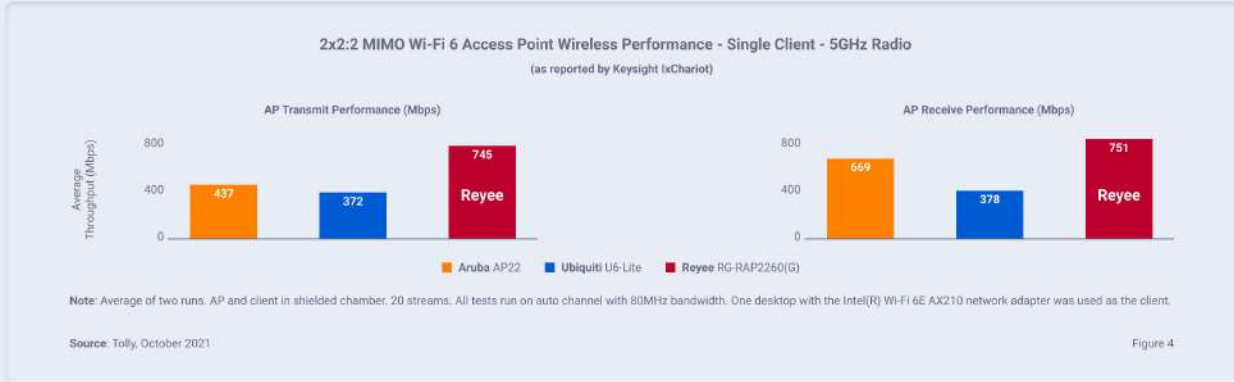
Highlight Features

Provide Higher Practical Performance for Users

Reyee RG-RAP2260(G) 2x2:2 MIMO AP's 5GHz radio delivered transmit throughput of 745Mbps and receive throughput of 751Mbps - up to 100% higher than the Ubiquiti U6-Lite AP and the Aruba AP22 AP.*



* Source: [Source: Tolly Test Report #R21163 November 2021](#)



Better Multi-User Experience in High-Density Scenarios

Performance upgraded, support client connections over 500.



Highlight Features

Easily Install Extra AP with Reye Mesh

Less wiring, more relaxing.



Easily Set Up Your Wi-Fi 6 Network in 3 Minutes

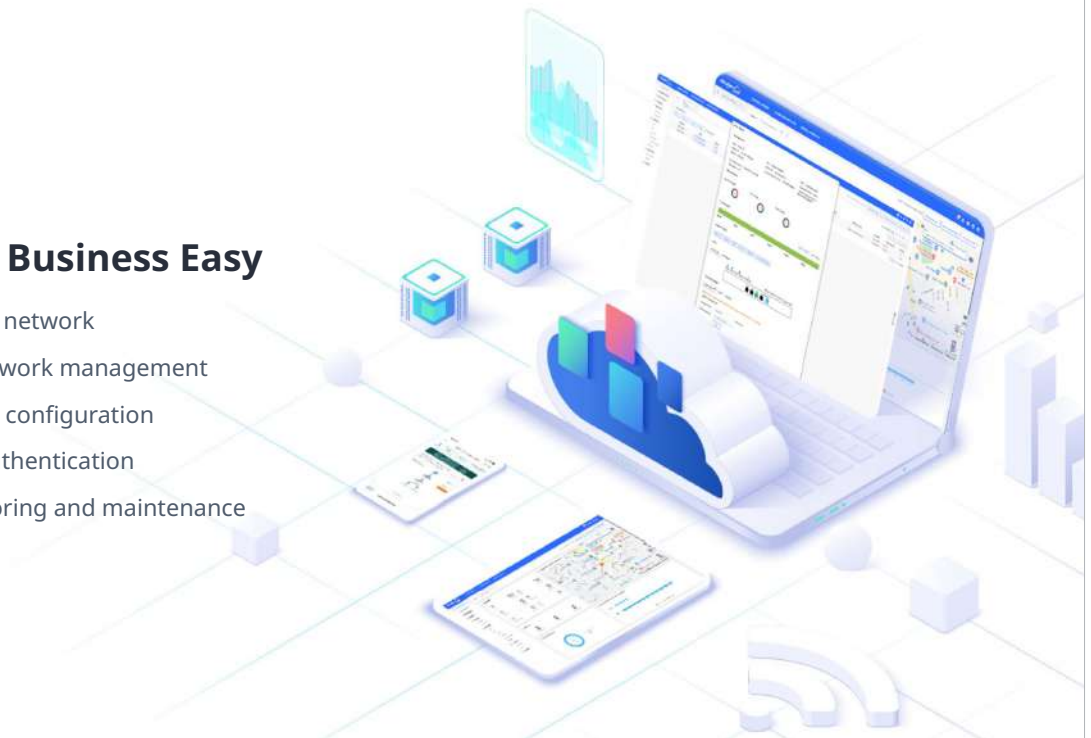
With SON (Self-organizing Network) technology, easily set up a whole Wi-Fi network by Ruijie Cloud APP.



Highlight Features

Cloud, Make Your Business Easy

- Self-organizing network
- Centralized network management
- Scenario based configuration
- Cloud portal authentication
- Remote monitoring and maintenance



Specifications

Hardware Specifications

| | |
|---------------------|---|
| Model | RG-RAP2260(G) |
| Radio | Dual-stream dual-band |
| Protocol | Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave 2/Wave1) Wi-Fi 4 (IEEE 802.11n) 802.11a/b/g |
| Operating Bands | 802.11b/g/n/ax :2.4 GHz ~ 2.4835 GHz 802.11a/n/ac/ax : 5 GHz ~ 5.150 GHz: 5.350 GHz, 5.725 GHz:5.850 GHz (country specific) |
| Antenna | Built-in Omnidirectional Antennas (2.4 GHz: 3dBi, 5 GHz: 3dBi) |
| Spatial Streams | 2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO |
| Max Throughput | Up to 574 Mbps at 2.4 GHz Up to 1201 Mbps at 5 GHz 1.775 Gbps per AP |
| Modulation | OFDM: BPSK@6/9 Mbps, QPSK@12/18 Mbps, 16QAM@24 Mbps, 64QAM@48/54 Mbps DSSS: DBPSK@1 Mbps, DQPSK@2 Mbps, and CCK@5.5/11 Mbps MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM OFDMA |
| Receive Sensitivity | 11b: -96 dBm(1 Mbps), -93 dBm(5 Mbps), -89 dBm(11 Mbps) 11a/g: -91 dBm(6 Mbps), -85 dBm(24 Mbps), -80 dBm(36 Mbps), -74 dBm(54 Mbps) 11n: -90 dBm(MCS0), -70 dBm(MCS7), -89 dBm(MCS8), -68 dBm(MCS15) 11ac: 20MHz: -88 dBm(MCS0), -63 dBm(MCS9) 40MHz: -85 dBm(MCS0), -60 dBm(MCS9) 80MHz: -85 dBm(MCS0), -60 dBm(MCS9) 11ax: 80MHz: -82 dBm(MCS0), -57 dBm(MCS9), -52 dBm(MCS11) |
| Max. Transmit Power | Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm United States: 2400-2483.5 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm 5725-5825 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm |

Specifications

Hardware specifications

| | |
|--------------------|--|
| Model | RG-RAP2260(G) |
| Max.Transmit Power | Myanmar : 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Thailand: 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 Indonesia: 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm |
| Dimensions | 194 mm×194 mm×35 mm (excluding mounting kits) |
| Weight | 0.56 kg (excluding mounting kits) |
| Service Ports | 2 x10/100/1000M Base-T LAN1 port supports PoE |
| LED Indicator | Single indicator (green light) |
| Power Supply | Local power supply, DC 12V/ 1.5A (Note: The power adapter is sold as an optional accessory), 802.3at PoE (Warning: 802.3af or non-standard POE adapter may cause unknown issues. Please use Ruijie POE+ switch or 802.3at POE adapter as power supplier) |
| Power Consumption | ≤ 15.3W |
| Environment | Operating temperature: 0°C ~ 40°C Storage temperature: -40°C ~ 70°C Operating humidity: 5% ~ 95% (non-condensing) Storage humidity: 5% ~ 95% (non-condensing) |
| Installation | Ceiling/wall-mountable |
| Safety Standard | GB4943, IEC 62368-1 |

Specifications

Hardware specifications

| | |
|--------------------|--|
| Model | RG-RAP2260(G) |
| EMC Standard | GB9254, EN301 489, EN50155, EN50121, EN55032, EN61000, EN55035 |
| Vibration Standard | IEC61373 |
| Radio Standard | EN300 328, EN301 893 |
| MTBF | >400000H |

Software Features

| | |
|----------------------------|--|
| Operating Mode | AP mode and routing mode |
| WLAN | Maximum number of clients: 512 |
| | Recommended number of clients: 100 |
| | Up to 8 SSIDs |
| | Support SSID hiding Configuring the authentication mode encryption mechanism VLAN attributes for each SSID |
| | SSID-based and radio-based STA limit |
| | Support Layer 2 user isolation |
| Roaming | Support Layer 2 and Layer 3 roaming 802.11k/v/r |
| Security | Support PSK authentication |
| | Support static blacklist and whitelist |
| | Support WPA (TKIP), WPA2 (AES), and WPA-PSK data encryption |
| | Support Black List / White List: Maximum 256 rules per SSID Maximum 1024 rules per AP |
| Routing | Support static IP address, DHCP, PPPoE Dial Up |
| Management and maintenance | Support unified networking of all network equipment Support local or remote management with Ruijie Cloud app Support local management with web Support remote management with Ruijie Cloud platform |

/ Specifications

Software Features

| | |
|------------------------------|--|
| Model | RG-RAP2260(G) |
| Default Access/password | 10.44.77.254 The factory status password: admin |
| Platform management features | Automatic RF adjustment via the platform |
| | Unified configuration via the platform |
| | Unified monitoring via the platform |

/ Package Contents

| Device | RG-RAP2260(G) |
|-------------------------------|--------------------------------|
| Mounting Bracket | 1 |
| Cross Pan Head Screw | 2 |
| Expansion Anchor | 2 |
| Quick Start Guide | 1 |
| Warranty Card | 1 |
| Package Weight | 0.83kg |
| Package Dimension (w x d x h) | 222 mm x 220 mm x 68 mm |

Ruijie | RCYCC

 **R**edefine your **e**asy network

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