

RG-RAP2260(H)

Wi-Fi 6 AX6000 High-density Multi-G Ceiling Access Point

DATASHEET



Highlights

- Build ultra-high performance Wi-Fi with 5.95Gbps throughput.
- Client connections over 500, higher practical performance as well.
- Boost Internet speed with 5Gbps uplink for the future.
- Easily install extra AP with Reyee Mesh technology.
- Support standalone captive portal, easy to enable Wi-Fi authentication.

Highlight Features

Build Ultra-fast Wi-Fi Network for the Future

Interface

Installation



WiFi 6E AX6000 Wi-Fi 6E

4x4 MIMO 4 x 4 MU-MIMO



Dual 2.5GE Wired Uplink



Reye Mesh Technology



Free Cloud Management

Build Ultra-fast Wi-Fi Network for the Future

Interface

Installation



WiFi 6E AX6000 Wi-Fi 6E

4x4 MIMO 4 x 4 MU-MIMO



Dual 2.5GE Wired Uplink



Reye Mesh Technology



Free Cloud Management

Better Multi-User Experience in High-Density Scenarios

Performance upgraded, support client connections over 500.



Highlight Features

Boost Your Internet Speed with 5Gbps Uplink

Can be integrated dual 2.5GE uplink, build network for future.

Wireless 5952 Mbps

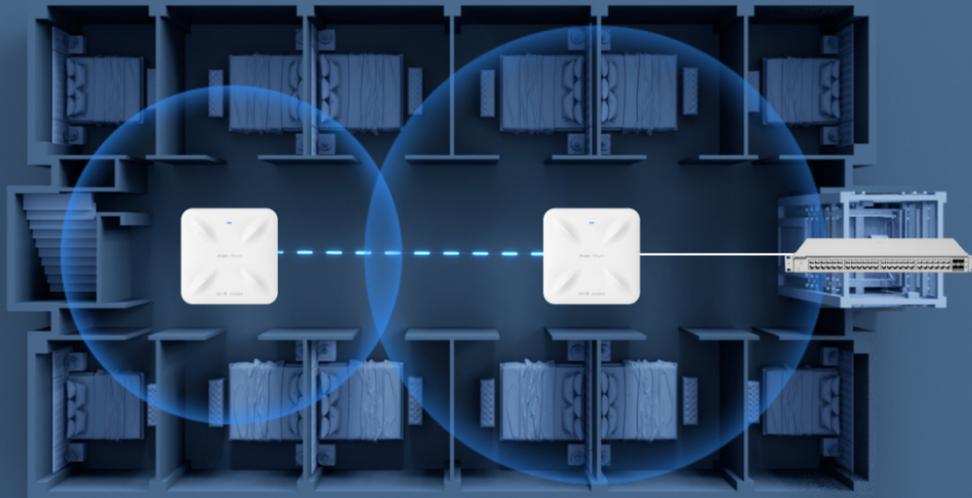
Wired 5000 Mbps

5Gbps



Easily Install Extra AP with Reye Mesh

Less wiring, more relaxing.



Highlight Features

More Flexiabe Wi-Fi Authentication

Support standalone captive portal, easy to enable Wi-Fi authentication based on Ruijie Cloud only.*

* Access point standalone portal authentication will be supported in Q2,2023 through new firmware.

Cloud, Make Your Business Easy

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

The image shows a Ruijie WiFi 6 AX6000 access point in the foreground. Behind it is a tablet displaying the Ruijie Cloud management dashboard. The dashboard includes sections for 'Overview' with metrics like '10' and '14', 'Registered Device Distribution' with a map, and 'Channel Distribution and Usage' with a bar chart. To the right is a smartphone displaying a detailed network configuration or monitoring screen with various settings and a bar chart.

Specifications

Basic Feature

Wi-Fi Standards	Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
MIMO	2.4GHz, 4x4, MU-MIMO 5GHz, 4x4, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 1148Mbps 5GHz: 4804Mbps
Antenna	8
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4GHz: 3dBi 5 GHz: 4dBi
Transmit Power	EIRP: ≤35dBm (2.4GHz) ≤36dBm (5GHz) country-specific restrictions apply Thailand: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5725 MHz ≤ 25 dBm 5725 MHz~5850 MHz ≤ 30 dBm
Fixed Ports	2 x 100/1000/2500 Base-T ports 1 × Reset button 1 x DC port
Max. Clients	512
Recommended Clients	130
Max. SSIDs	8
Recommended Wi-Fi Coverage Radius	2.4GHz: 40 meters 5GHz: 70 meters The Wi-Fi coverage is related to the installation environment of the access point.
Max. Wi-Fi Coverage Radius	150 meters

Specifications

Basic Feature

Operation Frequency Bands	802.11b/g/n/ax: 2.400 GHz to 2.4835 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 country-specific restrictions apply
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Software Feature

WLAN Basic Features

Power Adjustment	✓
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Frequency Bandwidth	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
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Roaming	Layer 2 roaming Layer 3 roaming
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OFDMA	✓
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Beamforming	✓
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WMM	✓
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Radar Signal Detection and Frequency Hopping (DFS)	✓
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WLAN Security

Max Wi-Fi Password Length	16 Digits
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Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
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Blacklist and Whitelist	✓
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Enhanced User Experience

Wi-Fi Optimization	✓
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STA Limit	✓
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Removing Low-RSSI STAs	✓
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Adjusting Sending Rate of Beacon and Probe Response	✓
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Specifications

Software Feature	
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
VLAN	✓
DHCP Server	✓
System	
Cloud Management	✓
APP Management	✓
APP Upgrade	✓
APP Restart	✓
Scheduled Restart	✓
Default Access/Password	10.44.77.253 No Password Required by Default
Local Upgrade	✓
Online Upgrade	✓
Dual-bin Backup	✓
Factory Reset	✓
Language	Chinese English

Specifications

System

System Log ✓

Diagnostics ✓

Network Check ✓

Physical

LED Indicator 1 × System LED indicator

Buttons 1 × Reset button

Dimensions (W × D × H) 230 mm x 230 mm x 49.5 mm (Without Mounting Bracket)

Weight ≤ 1.80 kg (Without Mounting Bracket)

DC Port Dimensions
Outer Diameter: 5.5 mm
Inner Diameter: 2.1 mm
Length: 10 mm

Installation Ceiling-Mountable

Mounting Bracket
Dimensions (W × D × H) 120 mm x 120 mm x 8.7 mm

Mounting Hole Pattern 53 mm x 53 mm

Mounting Hole Diameter 6.5 mm

Pole Diameter NA

Power Supplies IEEE 802.3bt PoE
DC 48V/1A

Power Consumption ≤ 40W

PoE Power Budget NA

Environmental

Operating Temperature 0°C to 40°C

Storage Temperature -40°C to 70°C

Operating Humidity 5% to 95% Noncondensing

Specifications

Physical

Storage Humidity 5% to 95% Noncondensing

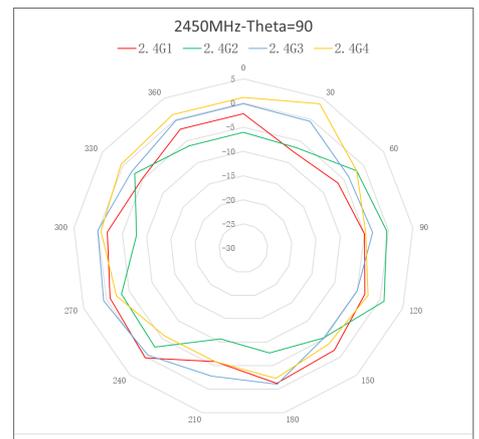
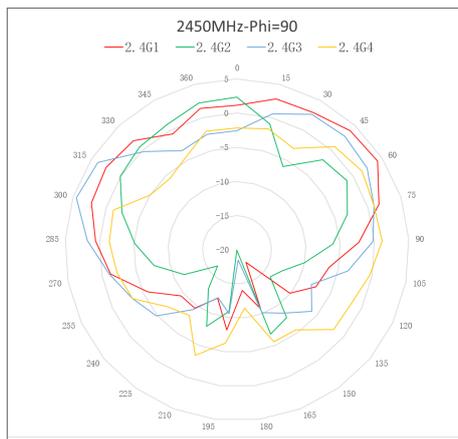
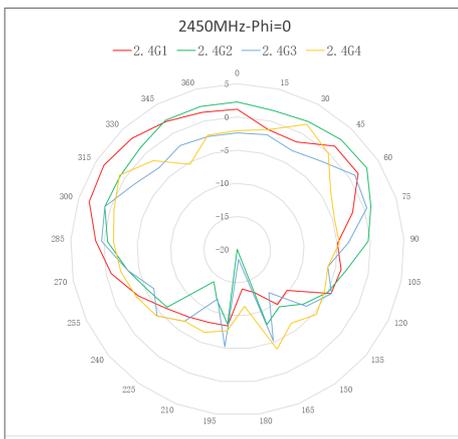
IP(Ingress Protection) NA

Port Surge 4kV

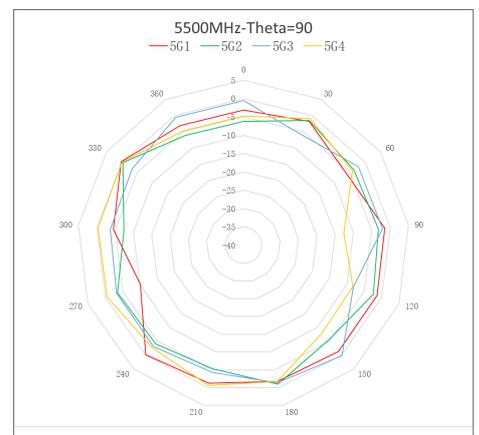
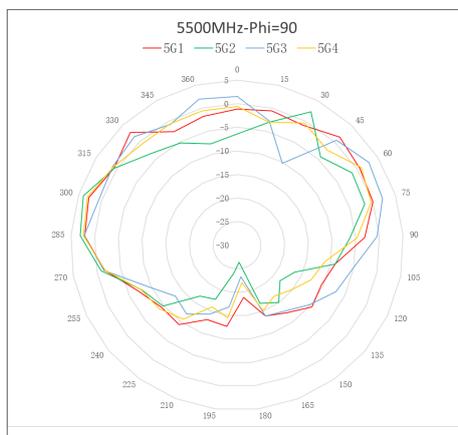
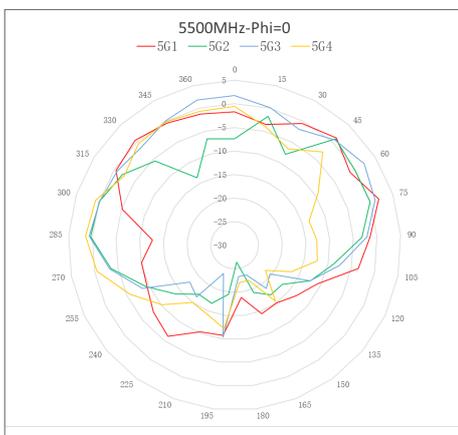
MTBF >400000H

Antenna Schematic

2.4GHz



5GHz



Package Contents

Package Information	RG-RAP2260(H)
Access Point	1
User Manual	1
Certificate of Quality	1
Screws and Wall Anchors	4
Mounting Bracket	1
Key to Security Lock	1
Package Weight	1.79 kg
Package Dimension (w x d x h)	292mm x 277 mm x 81 mm

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 **Redefine your easy network**

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