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 6 AX6000 Wi-Fi 6   **4x4 MIMO** 4 x 4 MU-MIMO   Dual 2.5GE Wired Uplink   **S** Reye Mesh Technology   Free Cloud Management

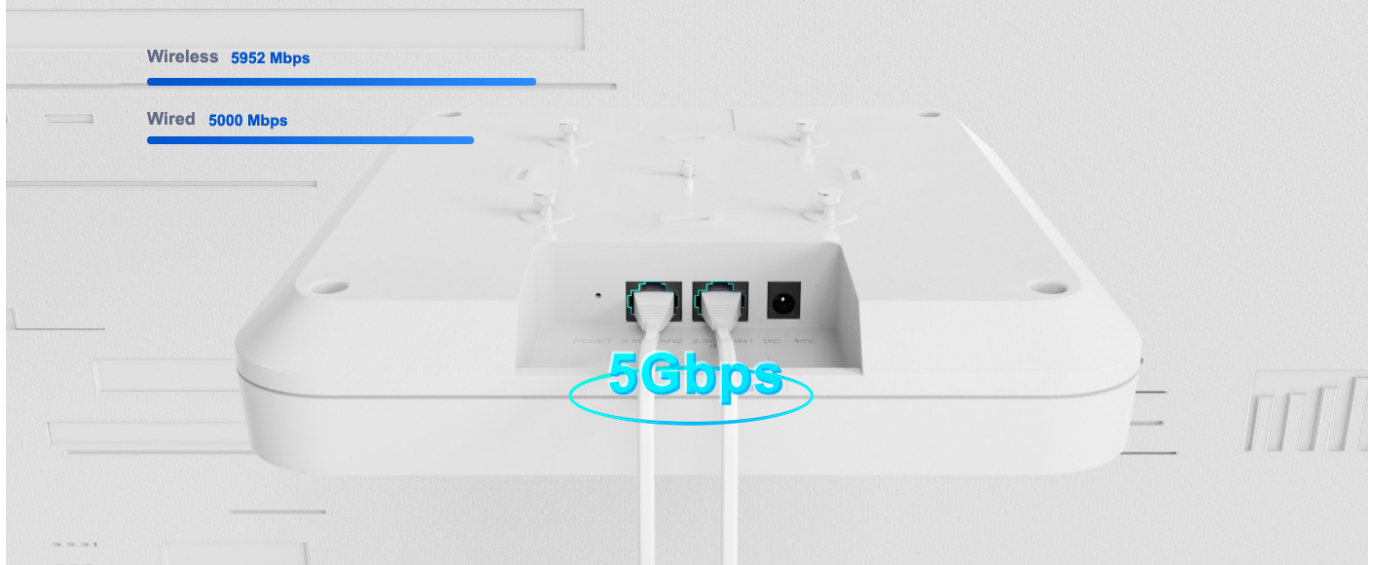## Better Multi-User Experience in High-Density Scenarios

Performance upgraded, support client connections over 500.

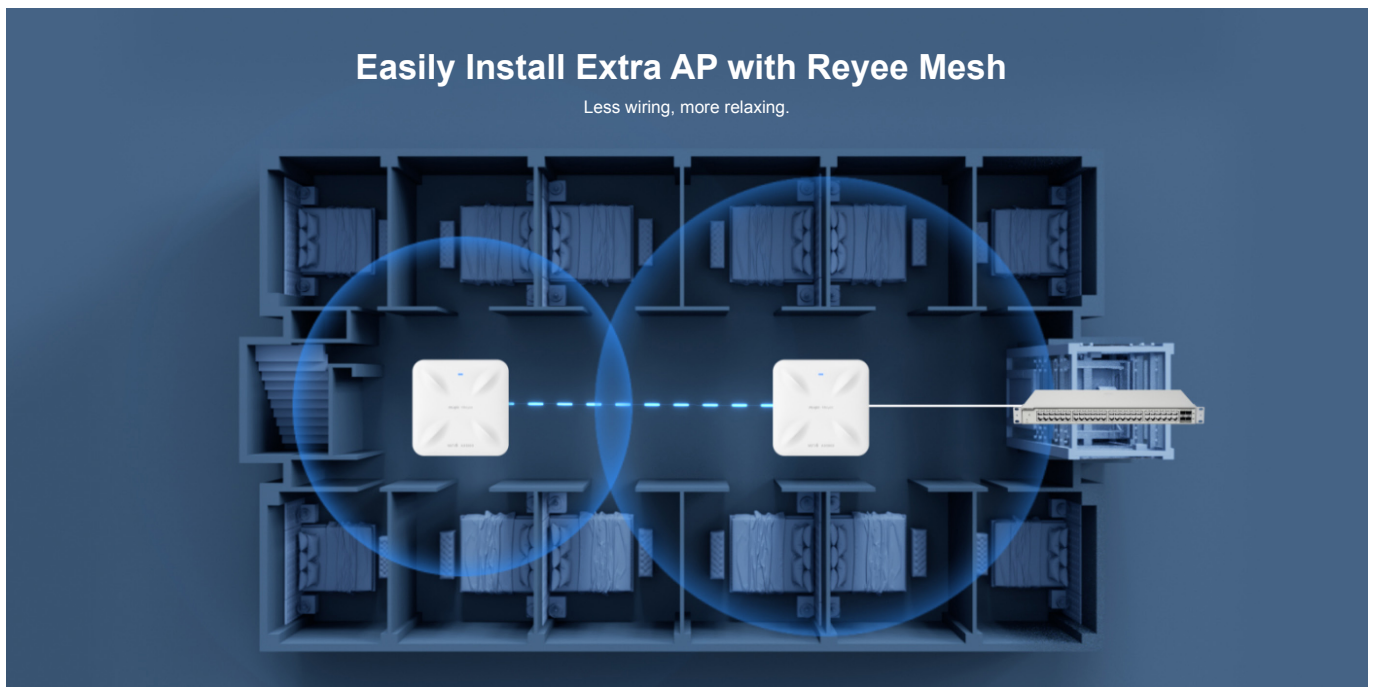Users 500   4X4 MIMO   WIFI6 AX6000   5G   2.4G

/ Highlight Features

Boost You 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 Reyee Mesh

Less wiring, more relaxing.

Highlight Features

More Flexiable Wi-Fi Authentication

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

portal.ruijienetworks.com
WiFi_60portal

Log In   Done

WELCOME!
Redefine Your Easy Network

I agree to the Terms of Service and Acceptable Use Policy

Click to Login

SMS Login

* 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

WiFi6 AX6000
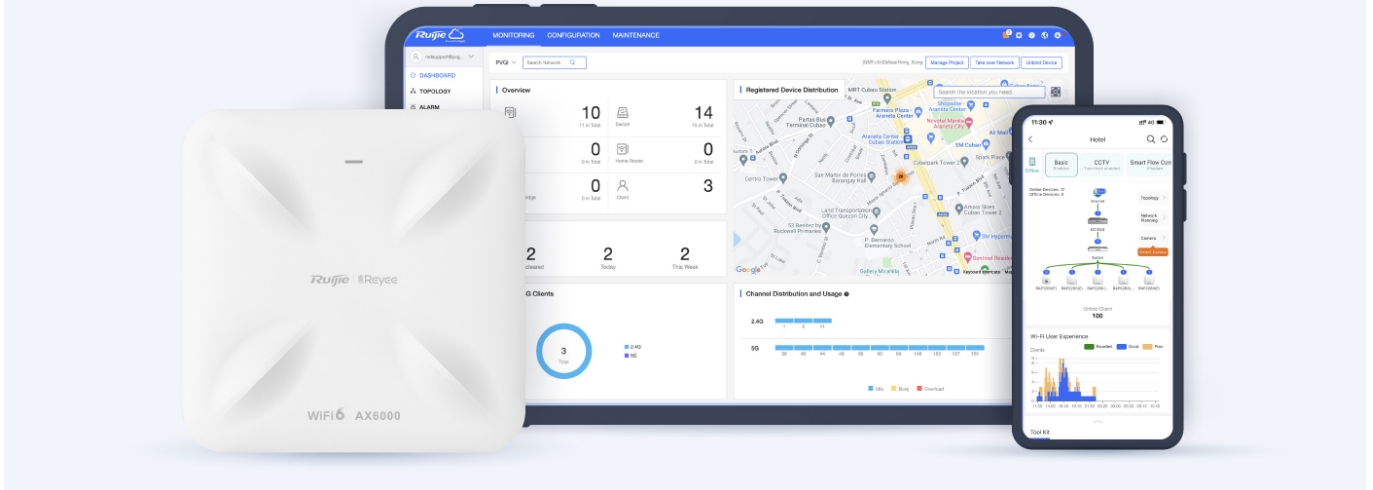
/ Specifications

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, 4×4, MU-MIMO 5GHz, 4×4, 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

Software Feature	
WLAN Basic Features	
Power Adjustment	✓
Frequency Bandwidth	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Roaming	Layer 2 roaming Layer 3 roaming
OFDMA	✓
Beamforming	✓
WMM	✓
Radar Signal Detection and Frequency Hopping (DFS)	✓
WLAN Security	
Max Wi-Fi Password Length	16 Digits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
Blacklist and Whitelist	✓
Enhanced User Experience	
Wi-Fi Optimization	✓
STA Limit	✓
Removing Low-RSSI STAs	✓
Adjusting Sending Rate of Beacon and Probe Response	✓

/ 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	

Rxtx
Security Wholesale

/ 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

Rxtx
Security Wholesale

Specifications

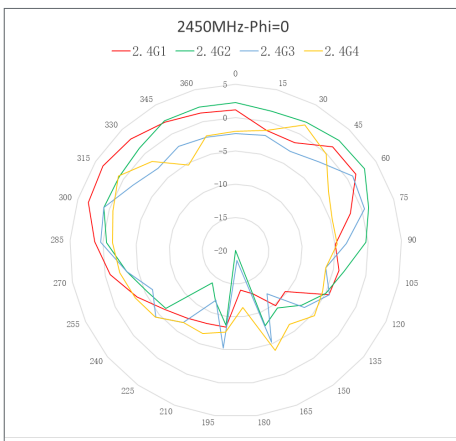| Physical	
Storage Humidity	5% to 95% Noncondensing
IP(Ingress Protection)	NA
Port Surge	4kV
MTBF	>400000H

Antenna Schematic

2.4GHz
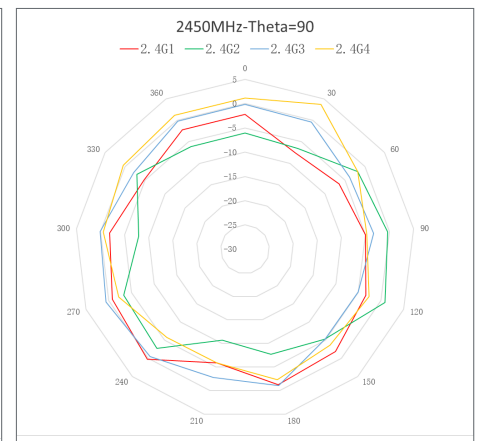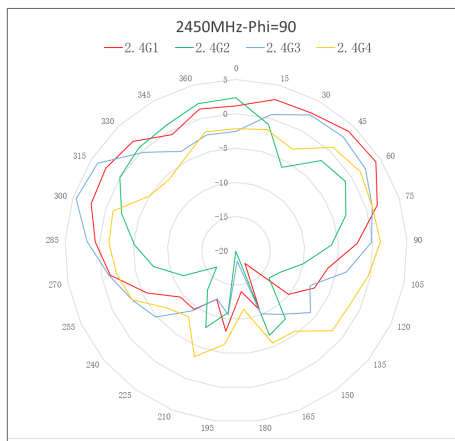
5GHz
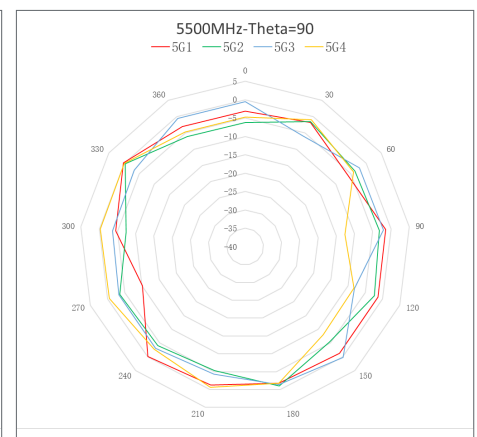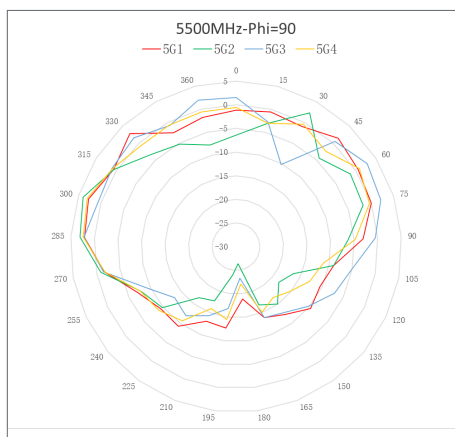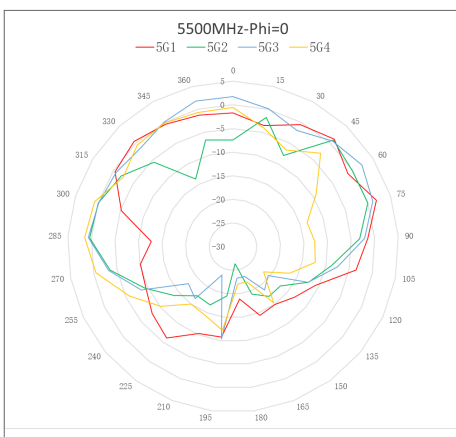
Package Contents

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

Ruijie | Reyee

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