

RG-RAP2260(H)

Wi-Fi 6 AX6000 High-Density Multi-Gigabit Indoor Ceiling Access Point

Key Features Highlight: AX6000 Combined Throughput | 2.5 Gbps Multi-Gig Uplink | 4x4 MU-MIMO | Free Cloud Management

WIRELESS & RADIO PERFORMANCE

Wi-Fi Standard	Wi-Fi 6 (IEEE 802.11ax)
Combined Throughput	Up to 5,950 Mbps (5.95 Gbps): • 5 GHz Band: Up to 4,803 Mbps • 2.4 GHz Band: Up to 1,147 Mbps
MIMO Streams	4x4:4 MU-MIMO on both 2.4 GHz and 5 GHz (Total of 8 spatial streams)
Antenna Type & Gain	Built-in Omnidirectional Antennas: • 5 GHz: 4.0 dBi • 2.4 GHz: 3.0 dBi
Channel Width	Supports up to 160 MHz bandwidth on the 5 GHz band
Coverage Area	Up to 190 square meters (2,045 sq ft)

HARDWARE SPECIFICATIONS

Ethernet Ports	2 x Multi-Gigabit Ports (100M/1000M/2500M Base-T) supporting WAN/LAN link aggregation
Power Options	• Power over Ethernet: PoE+ / PoE++ (802.3at / 802.3bt) • Local DC Input: 48 V / 1 A
Power Consumption	< 40 W
Physical Dimensions	230 mm x 230 mm x 49.5 mm (excluding mounting kit)
Weight	~1.80 kg

HIGH-DENSITY FEATURES

- **Max Client Connections:** Supports up to 512 concurrent clients.
- **Recommended Load:** Up to 130 clients for heavy high-density office or enterprise performance.

MANAGEMENT & SOFTWARE

- **Ruijie Cloud Integration:** Lifetime-free cloud app and web portal management for remote configurations and optimization.
- **Self-Organizing Network:** Auto-discovers and provisions multi-AP structures.

- **Wireless Meshing:** Reyee Mesh enables seamless coverage expansion without hardwiring backhaul.

- **Advanced Features:** Captive Portal, VLAN Tagging, QoS, Airtime Fairness, and Band Steering.