

RG-RAP2260(G)

Wi-Fi 6 AX1800 Dual-Band Gigabit Indoor Ceiling Access Point

Key Features Highlight: AX1800 Speeds (1775 Mbps) | Dual Gigabit Ethernet Ports | 2x2 MU-MIMO | Reyee Mesh Support | Free Lifetime Cloud Management

WIRELESS & RADIO PERFORMANCE

Wi-Fi Standard	Wi-Fi 6 (IEEE 802.11ax)
Combined Throughput	Up to 1,775 Mbps (1.77 Gbps): 5 GHz Band: Up to 1,201 Mbps 2.4 GHz Band: Up to 574 Mbps
MIMO Streams	2×2 MIMO on 2.4 GHz 2×2 MIMO on 5 GHz (Dual-stream, dual-band)
Antenna Type & Gain	Built-in Omnidirectional Antennas: 5 GHz: 3.0 dBi (or up to 5.0 dBi depending on region) 2.4 GHz: 3.0 dBi (or up to 4.0 dBi depending on region)
Channel Width	5 GHz: Auto / 20 / 40 / 80 MHz 2.4 GHz: Auto / 20 / 40 MHz
Max Transmit Power	≤ 23 dBm (200 mW) on both 2.4 GHz and 5 GHz bands

HARDWARE SPECIFICATIONS

Ethernet Ports	2 x 10/100/1000Base-T Ports (1 x PoE-in WAN/LAN uplink port, 1 x LAN port)
Power Options	- Power over Ethernet: 802.3at PoE+ (Warning: 802.3af or non-standard PoE may limit performance) - Local DC Input: 12 V / 1.5 A (Adapter sold separately)
Power Consumption	≤ 15.3 W
Physical Dimensions	194 mm x 194 mm x 35 mm (excluding mounting kit)
Weight	0.56 kg (excluding mounting kit)

NETWORK & HIGH-DENSITY FEATURES

- **Max Client Connections:** Supports up to 512 concurrent clients.

MANAGEMENT & SOFTWARE

- **Ruijie Cloud Integration:** Centralized, free lifetime cloud management and remote optimization via App or Web.

- **Recommended Load:** Up to 100 clients for optimal, reliable performance.
- **Seamless Roaming:** Support for Layer 2 and Layer 3 seamless roaming.
- **Reyee Mesh:** Built-in one-click mesh pairing for effortless network expansion.
- **Self-Organizing Network (SON):** Rapid automatic discovery and provisioning in ~3 minutes.
- **Advanced Security:** WPA-PSK, WPA2-PSK, WPA3-SAE, 802.1X, and up to 256 black/white list rules per SSID.
- **VLAN Support:** Up to 8 SSIDs with dedicated 802.1Q VLAN tagging.