

RG-RAP2260(E)

Wi-Fi 6 AX3200 Dual-Band Multi-Gigabit Indoor Ceiling Access Point

Key Highlights: AX3200 (3.2 Gbps) | 4x4 MU-MIMO on Both Bands | 2.5 Gbps Uplink Port | 190 m² Coverage | Up to 512 Client Devices

WIRELESS & RADIO PERFORMANCE

Wi-Fi Standard	Wi-Fi 6 (IEEE 802.11ax)
Combined Throughput	Up to 3,202 Mbps (AX3200 Class): 5 GHz Band: Up to 2,402 Mbps 2.4 GHz Band: Up to 800 Mbps
MIMO Streams	4x4 MU-MIMO on both 2.4 GHz and 5 GHz bands (Total of 8 spatial streams)
Antenna Type & Gain	Built-in Omnidirectional Antennas: 5 GHz: 3.0 dBi 2.4 GHz: 3.0 dBi
Channel Width	Supports 20 / 40 / 80 / 160 MHz bandwidth on the 5 GHz band

OPERATIONAL CAPACITIES (USERS & COVERAGE)

Client Capacity (Users)	Maximum Capacity: Up to 512 concurrent connected client devices. Recommended Active Load: Up to 120 client devices for heavy high-density or high-bandwidth traffic environments.
Coverage Distance	Area Coverage: Up to 190 square meters (2,045 sq ft) in open spaces. Coverage Radius: Approximately 15 to 20 meters (indoor radius depending on walls and physical obstruction densities).

HARDWARE SPECIFICATIONS

Ethernet Ports	1 x 100/1000/2500 Base-T (2.5G Multi-Gigabit) WAN/LAN Uplink Port 1 x 10/100/1000 Base-T (1G Gigabit) Downstream LAN Port
Power Options	- Power over Ethernet: 802.3at PoE+ (Maximum power consumption: ≤ 25.4 W) - Local DC Input: 12 V / 1.5 A (Adapter available separately)
Physical Dimensions	220 mm x 220 mm x 35 mm (excluding mounting hardware)
Weight	1.05 kg (excluding mounting bracket)

NETWORK & ROAMING FEATURES

- **Seamless Roaming:** Fully supports Layer 2, Layer 3, 802.11k/v/r standard roaming protocol, and smart AI fast roaming mechanisms.
- **Reyee Mesh support:** Pair and connect multiple Reyee APs wirelessly with one click for easy spatial expansions.

MANAGEMENT & SECURITY

- **Ruijie Cloud Integration:** Manage unlimited devices with a lifetime-free cloud app or web browser, including 3-minute self-organizing setup.
- **Advanced Security:** WPA-PSK, WPA2-PSK, WPA3-SAE, local enterprise 802.1X, captive portal, and VLAN support.