

# Wi-Fi 6 Access Point AX3000 802.11ax Dual Bands 2.97Gbps 57MM-AP13

The 57MM-AP13 is a cost-effective ultra high-performance multi-gigabit Wi-Fi 6 ceiling mount access point for covering large indoor areas with gigabit Wi-Fi coverage. Featuring a new circular design to blend into modern spaces, the AP13 is suitable for use in homes, multi-network commercial, hotel and other large indoor environments. The AP13 will provide seamless high-speed bidirectional internet coverage. The AP13 is an AX3000 Wi-Fi 6 dual band ceiling mount Wi-Fi access point supporting 802.11ax with 2.97 Gbps and allows up to 512 users per access point.

## Features and Benefits

- » New aesthetically pleasing circular design with simple rotation attachment making for simple installation.
- » WiFi-6 (802.11ax) supporting speeds up to 2976 Mbps (Concurrent, high-speed wireless access of 574Mbps at 2.4GHz and 2402Mbps at 5GHz, compliant with 802.11a/b/g/n/ac/ax Wi-Fi protocols.
- » Lifetime free Ruijie Cloud management: Remote fault alarm, one-click optimizing and maintenance on Ruijie Cloud app.
- » Connection via 1 x 10/100/1000 Base-T port or simply by Reyee Mesh
- » Perfect for use in homes, commercial spaces, hotels, car parks, schools, etc.
- » Up to 512 simultaneous users (per AP)

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## 57MM-AP13 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, 2x2, MU-MIMO 5GHz, 2x2, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 574Mbps 5GHz: 2402Mbps
Antenna	5
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4 GHz:3.53dBi 5 GHz:5.15dBi Note The peak gain mentioned above refers to the gain of a single antenna.

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Transmit Power	<p>EIRP:</p> <p>≤31dBm (2.4GHz)</p> <p>≤32.7dBm (5GHz)</p> <p>country-specific restrictions apply</p> <p>Myamar:</p> <p>2400 MHz~2483.5 MHz ≤ 20 dBm</p> <p>5150 MHz~5350 MHz ≤ 23 dBm</p> <p>5470 MHz~5850 MHz ≤ 25 dBm</p> <p>Thailand:</p> <p>2400 MHz~2483.5 MHz ≤ 20 dBm</p> <p>5150 MHz~5350 MHz ≤ 23 dBm</p> <p>5470 MHz~5725 MHz ≤ 25 dBm</p> <p>5725 MHz~5850 MHz ≤ 30 dBm</p>
Fixed Ports	<p>1 x 10/100/1000 Base-T port</p> <p>1 x 1 GBase-X SFP port</p> <p>1 x DC port</p> <p>1 x Reset button</p>
Max. Clients	512
Recommended Clients	110
Max. SSIDs	8
Recommended Wi-Fi	<p>2.4GHz: 50 meters</p> <p>5GHz: 150 meters</p> <p>The Wi-Fi coverage is related to the installation environment of the access point.</p>
Max. Wi-Fi Coverage Radius	150 meters
Operation Frequency Bands	<p>802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz</p> <p>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</p> <p>country-specific restrictions apply</p>
<b>Software Feature</b>	
<b>WLAN Basic Features</b>	
Power Adjustment	Yes
Frequency Bandwidth	<p>2.4 GHz: Auto/20/40 MHz</p> <p>5 GHz: Auto/20/40/80/160 MHz</p>
Roaming	<p>Layer 2 roaming</p> <p>Layer 3 roaming</p>
OFDMA	Yes
Beamforming	Yes
Target wake time (TWT)*	not support
WMM	Yes
Radar Signal Detection and Frequency Hopping (DFS)	Yes
<b>WLAN Security</b>	
Max Wi-Fi Password Length	16 Digits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK

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Blacklist and Whitelist	Yes
Prevent Fragmentation Attack	Not Support
Prevent ICMP Attack	Not Support
Enhanced User Experience	
Wi-Fi Optimization	Yes
STA Limit	Yes
Removing Low-RSSI STAs	Yes
Adjusting Sending Rate of Beacon and Probe Response	Yes
Syslog Recording Why Users Lose Connection	Yes
Auto Channel and Power Adjustment on Cloud	Yes
RSSI Threshold for STA Access	Yes
Load Balancing	Yes
Networks	
Network Access Mode	PPPoE Client DHCP Client Static IP
VLAN	Yes
DHCP Server	Yes
Avoidance of WAN IP Address Conflicts	Not Support
System	
Cloud Management	Yes
APP Management	Yes
APP Upgrade	Yes
APP Restart	Yes
Scheduled Restart	Yes
Default Access/Password	10.44.77.253 No Password Required by Default
Local Upgrade	Yes
Online Upgrade	Yes
Backup	Yes
Hardware Features	
Factory Reset	Yes
Language	Chinese English
System Log	Yes
Diagnostics	Yes
Network Check	Yes
Physical	
LED Indicator	1x system LED indicator
Buttons	1 x Reset button

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Dimensions (W x D x H)	220 mm x 220 mm x 52.6 mm (8.66 in. x 8.66 in. x 2.07 in., without the mounting bracket)
Weight	≤ 0.5 kg (Without Mounting Bracket)
DC Port Dimensions	Outer Diameter: 6.3 mm Inner Diameter: 2.0 mm Length: 9.8 mm
Installation	Ceiling-Mountable
Mounting Bracket Dimensions (W x D x H)	113.5 mm x 113.5 mm x 13.5 mm
Mounting Hole Pattern	80mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3bt (Type 3) PoE DC 12V/2A
Power Consumption	≤18W
PoE Power Budget	NA
Environmental	
Storage Temperature	-40°C to 70°C
Operating Humidity	0% ~ 95% Noncondensing
Storage Humidity	0% ~ 95% Noncondensing
IP(Ingress Protection)	NA
Port Surge	+/-2kV
MTBF	>400000H