

Wi-Fi 6 Access Point AX3000 802.11ax Dual Bands 2.97 Gbps

57MM-AP10



The 57MM-AP10 is a cost-effective ultra high-performance multi-gigabit Wi-Fi 6 ceiling/wall mount access point for covering large indoor areas with gigabit Wi-Fi coverage. Suitable for use in multi-network commercial, hotel and other large indoor environments, the AP10 will provide seamless high-speed bidirectional internet coverage. The AP10 is an AX3000 Wi-Fi 6 dual band ceiling/wall mount Wi-Fi access point supporting 802.11ax with 2.97 Gbps and allows up to 512 users per access point.

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » 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 optimising and maintenance on the Ruijie Cloud app.
- » Featuring 2 x LAN with one of the ethernet ports upgraded to a multi-gigabit Ethernet (2.5GE) port to break through the bottleneck of transmission performance.
- » Perfect for use in commercial spaces, hotels, car parks, schools etc
- » Up to 512 simultaneous users (per AP)
- » No cable, no problem, easily install extra APs using Reyee Mesh technology.



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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 dBi 5 GHz: 3 dBi
Transmit Power	EIRP: ≤31dBm (2.4GHz) ≤32.7dBm (5GHz) country-specific restrictions apply Myanmar: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5850 MHz ≤ 25 dBm 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 Egypt: 2400 MHz~2483.5 MHz ≤ 20 dBm (EIRP) 5150 MHz~5350 MHz ≤ 20 dBm (EIRP)
Fixed Ports	1 x 100/1000/2500 Base-T port 1 x 10/100/1000 Base-T port 1 x DC port 1 x Reset button
Max. Clients	512
Recommended Clients	110
Max. SSIDs	8
Recommended Wi-Fi	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
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 Egypt: 802.11b/g/n: 2.4 GHz ~ 2.4835 GHz 802.11a/n/ac: 5.150 GHz ~ 5.350 GHz

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Software Feature	
WLAN Basic Features	
Power Adjustment	Yes
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	Yes
Beamforming	Yes
WMM	Yes
Roaming	Support Layer 2 and Layer 3 roaming
OFDMA	Yes
Beamforming	Yes
WMM	Yes
Radar Signal Detection and Frequency Hopping (DFS)	Yes
WLAN Security	
Max Wi-Fi Password Length	16 Digits
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
Blacklist and Whitelist	Yes
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
Adjusting Sending Rate of Beacon and Probe Response	
System	

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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
Dual-bin Backup	Yes
Factory Reset	Yes
Language	Chinese English
System Log	Yes
Diagnostics	Yes
Network Check	Yes
Physical	
LED Indicator	1 x System LED indicator
Buttons	1 x Reset button
Dimensions (W x D x H)	194 mm x 194 mm x 45.1 mm (Without Mounting Bracket)
Weight	≤ 0.65 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	88 mm x 82 mm x 7.8 mm
Dimensions (W x D x H)	
Mounting Hole Pattern	53 mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3at PoE DC 12V/2A
Power Consumption	≤ 18W
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
Storage Humidity	5% to 95% Noncondensing
IP(Ingress Protection)	NA
Port Surge	4kV
MTBF	>400000H