

Wi-Fi 6 Access Point AX6000 802.11ax Dual Bands 5.95 Gbps

57MM-AP11



The 57MM-AP11 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 AP11 will provide seamless high-speed bidirectional internet coverage. The AP11 is an AX6000 Wi-Fi 6 dual band ceiling/wall mount Wi-Fi access point supporting 802.11ax with 5.95 Gbps and allows up to 512 users per access point.

* Power consumption $\leq 40W$, cannot be powered by standard PoE+ switches or Power Injectors. Please use 57MM-AP11-60 Power Injector or a 12V DC 2 Amp plug pack with 2.1mm x 5.5mm DC jack (center positive)

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » WiFi-6 (802.11ax) supporting speeds up to 5952 Mbps (Concurrent, high-speed wireless access of 1148Mbps at 2.4GHz and 4804Mbps 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 Ruijie Cloud App.
- » Featuring 2 x LAN ethernet ports supporting multi-gigabit Ethernet (2.5GE) ports 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 Reyece 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, 4x4, MU-MIMO 5GHz, 4x4, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 1148Mbps 5GHz: 4804Mbps
Antenna	8
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4 GHz: 3 dBi 5 GHz: 3 dBi
Transmit Power	EIRP: ≤35dBm (2.4GHz) ≤36dBm (5GHz) country-specific restrictions apply 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
Fixed Ports	2 x 100/1000/2500 Base-T ports 1 x Reset button 1 x DC port
Max. Clients	512
Recommended Clients	130
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
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

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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	
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

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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)	230 mm x 230 mm x 49.5 mm (Without Mounting Bracket)
Weight	≤ 1.80 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 Dimensions (W x D x H)	120 mm x 120 mm x 8.7 mm
Mounting Hole Pattern	53 mm x 53 mm
Mounting Hole Diameter	6.5 mm
Pole Diameter	NA
Power Supplies	IEEE 802.3bt (Type 3) PoE DC 12V/2A
Power Consumption	≤40W
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