

Wi-Fi 6 Access Point AX3200 802.11ax Dual-bands Ultra-High Speed 3.2 Gbps 57MM-AP05



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The 57MM-AP05 is an 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 AP05 will provide seamless high-speed bidirectional internet coverage. The AP05 is an AX3200 Wi-Fi 6 dual band ceiling/wall mount Wi-Fi access point supporting 802.11ax 3.2 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

- » Wi-Fi 6 (802.11ax) supporting speeds up to 3202 Mbps (Concurrent, high-speed wireless access of 800Mbps at 2.4GHz and 2402Mbps at 5Ghz)
- » Compliant with 802.11a/b/g/n/ac/ax Wi-Fi protocols
- » Free lifetime Ruijie Cloud management: Remote fault alarm, one-click optimizing and maintenance on the Ruijie Cloud app
- » AP05 features 2x 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 access point
- » No cable, no problem, easily install extra APs using Reyee Mesh technology.



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Radio	Dual-stream dual-band
Protocol	Concurrent 802.11ax, 802.11ac wave2/wave1, 802.11a/b/g/n
Operating Bands	802.11b/g/n : 2.4G ~ 2.4835GHz 802.11a/n/ac/ax : SG: 5.150 ~ 5.350GHz , 5.725 ~ 5.850GHz (country specific)
Antenna	Internal antennas (2.4G: 3dBi , SG: 3dBi)
Spatial Streams	2.4G 4x4MIMO 5G 4x4MIMO
Max Throughput	Up to 800Mbps at 2.4G Up to 2402Mbps at 5G 3.202Gbps per AP
Modulation	OFDM: BPSK@6/9Mbps, QPSK@12/18Mbps , 16QAM@24Mbps, 64QAM@48/54Mbps DSSS: DBPSK@1Mbps , DQPSK@2Mbps , and CCK@5.5/11Mbps MIMO-OFDM: BPSK, QPSK, 16QAM , 64QAM , 256QAM and 1024QAM OFDMA
Receive Sensitivity	11b:- 96dBm (1Mbps) - 93dBm (5Mbps) -89dBm (11Mbps)11a/g : -91dBm (6Mbps) -85dBm (24Mbps) -80dBm (36Mbps) -74dBm (54Mbps) 11n: - 90dBm (MCS0) -70dBm (MCS7)-89dBm (MCS8) -68dBm (MCS15) 11ac: 20MHz: - 88dBm (MCS0) -63dBm (MCS9) 40MHz: - 85dBm (MCS0) -60dBm (MCS9) 80MHz: - 85dBm (MCS0) -60dBm (MCS9)Wi-Fi 6: 80MHz: - 82dBm (MCS0)- 57dBm (MCS9) -52dBm (MCS11)
Maximum output power of the transmitter (single stream)	2.4GHz (2.4-2.4835GHz) : 23dBm 5GHz (5.150-5.250GHz,5.725-5.850GHz) : 23dBm (country-specific , comply with local laws)
Adjustable Power	1dBm
Dimensions	220mmx220mmx35 mm (excluding mounting kits)
Weight	1.05kg (excluding mounting kits)
Service Ports	110/100/1000M/2.5G Base-T Ethernet ports, supports PoE; 1 10/100/1000M Base-T ,Ethernet ports
Management Port	NA
LED Indicator	Single indicator (green light)
Power Supply	Local power supply, DC 12V/1.5A (Note: The power adapter is sold as an optional accessory), 802.3at PoE (Warning:802.3af or non-standard POE adapter may cause unknown issues. Please use Ruijie POE+ switch or 802.3at POE adapter as power supplier)
Power Consumption	≤25.4W
Environment	Operating temperature: ° 0 C ~40°C Storage temperature: -40°C ~ 70°C Operating humidity: 5% ~95% (non-condensing) Storage humidity: 5% ~95% (non-condensing)
Installation	Ceiling/wall- mountable
Safety Standard	GB4943, IEC 62368-1
EMC Standard	GB9254 , EN301 489 , EN50155 , EN50121 , EN55032 , EN 61000 , EN55035
Vibration Standard	IEC61373
Radio Standard	EN300 328, EN301 893
MTBF	400000H