

Wi-Fi 7 Access Point BE5040 802.11be Dual-bands 5 Gbps **57MM-AP701**



The 57MM-AP701 is a cost-effective next-generation high-performance multi-gigabit Wi-Fi 7 ceiling/wall mount access point for covering large indoor areas with multi-gigabit Wi-Fi. Suitable for use in commercial and hospitality applications and other large indoor environments, the AP701 will provide seamless high-speed bidirectional internet coverage. The AP701 is a Wi-Fi 7 802.11be dual-band access point with up to 5 Gbps combined, supporting a maximum of 512 users per AP.

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » Wi-Fi 7 (802.11be) supporting speeds up to 5011 Mbps (Concurrent, high-speed wireless access of 688 Mbps at 2.4GHz and 4323 Mbps at 5GHz)
- » Superior streaming with Wi-Fi 7's exclusive MLO feature
- » Compliant with 802.11a/b/g/n/ac/ax/be Wi-Fi protocols
- » Featuring two LAN Ethernet ports with one port supporting multi-gigabit Ethernet (2.5GE) to break through the bottleneck of transmission performance.
- » Perfect for use in commercial spaces, hotels, car parks, schools, etc.
- » Lifetime free Ruijie Cloud management: Remote fault alarm, one-click optimising and maintenance on Ruijie Cloud App.



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Hardware Specifications	
Wi-Fi Protocols	Wi-Fi 4: IEEE 802.11a/b/g/n Wi-Fi 5: IEEE 802.11ac Wave 2 Wi-Fi 6: IEEE 802.11ax Wi-Fi 7: IEEE 802.11be
Spatial Streams	2.4 GHz, 2x2 MIMO 5 GHz, 3x3 MIMO
Antenna	Built-in Antenna gain: 2.4 GHz, 2.0 dBi; 5 GHz, 3 dBi
Data Rate	Max. throughput: 5011 Mbps 2.4 GHz: 688 Mbps 5 GHz: 4323 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Max. Transmit Power	Frequency bands and the maximum Effective Isotropic Radiated Power (EIRP): Note: Country-specific restrictions apply. European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm United States: 2400-2483.5 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm 5725-5850 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm Myanmar: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm

	Thailand: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Indonesia: 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm
Service Ports	1 x 10/100/1000BASE-T port 1 x 10/100/1000/2500BASE-T port
Power Supply	IEEE 802.3at standard PoE or DC (12 V, 2.5 A) power supply
LEDs	1 x system LED (blue)
MTBF	> 400,000 hours
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Operating Humidity	5% to 95% (non-condensing)
Storage Humidity	5% to 95% RH (non-condensing)
IP Rating	IP41
Surge Protection	32 kV
Power Consumption	< 30W
Installation	Ceiling-mount or wall-mount
Dimensions (WxDxH)	208 mm x 208 mm x 40 mm (8.19 in. x 8.19 in. x 1.57 in.) (excluding the mounting bracket)
Weight	≤ 0.65 kg (1.43 lbs)
Software Specifications	
Operating Mode	AP mode and router mode
Max. Number of Clients	512
Recommended Number of Clients	110
Max. Number of SSIDs	8
4K-QAM	✓
Radio-based Client Limit	✓

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Roaming	AI roaming Layer 2 roaming Layer 3 roaming 802.11 k/v/r roaming
Security	Wireless client isolation Blocklists and allowlists 802.1X WPA-PSK, WPA2-PSK, WPA/ WPA2-PSK, WPA-Enterprise, WPA2-Enterprise, WPA/WPA2- Enterprise, OWE, WPA3-SAE, WPA2-PSK/WPA3-SAE
Routing	Static IP, DHCP, PPPoE, NAT
AP Mesh	Mesh management Reyee Mesh
WDS	√
Standalone Portal	√
Management and Maintenance	Support 300 APs on a self-organizing network Support unified networking across all network devices Support local or remote management via Ruijie Reyee App Support local management via the web interface Support remote management via Ruijie Cloud
Platform Management Features	Optimization of channel, transmit power, and management frame power settings Display of pre- and post-optimization settings Unified configuration via Ruijie Cloud Unified monitoring via Ruijie Cloud
Other Specifications	
Certification	CE, RoHS, FCC, ISSED, cTUVus
Package Dimensions (W x D x H)	280 mm x 265 mm x 80 mm (11.02 in. x 10.43 in. x 3.15 in.)
Package Weight	0.7 kg (1.54 lbs)