

# Wi-Fi 7 Access Point BE3600 802.11be Dual-bands 3570 Mbps

## 57MM-AP702



The 57MM-AP702 is a cost-effective, next-generation Wi-Fi 7 ceiling-mount access point designed for high-performance coverage in large indoor areas. With its compact, circular design, it blends seamlessly into modern environments, making it ideal for homes, commercial networks, hotels, and other expansive indoor settings. Delivering multi-gigabit, bidirectional Wi-Fi, the AP702 ensures fast and reliable connectivity throughout.

### 3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

### Features and Benefits

- » Wi-Fi 7 (802.11be) supporting speeds up to 3570 Mbps (Concurrent, high-speed wireless access of 688 Mbps at 2.4GHz and 2882 Mbps at 5GHz)
- » Superior streaming with Wi-Fi 7's exclusive MLO (Multi-Link Operation) feature
- » Compliant with 802.11a/b/g/n/ac/ax/be Wi-Fi protocols
- » Single LAN Ethernet port supporting multi-gigabit Ethernet (2.5GE) to break through the transmission performance bottleneck.
- » Ideal for use in commercial spaces, hotels, car parks, schools, and other public areas.
- » Lifetime free Ruijie Cloud management: Remote fault alarm, one-click optimisation and maintenance on Ruijie Cloud App



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Hardware Specifications		
Wi-Fi Protocols	5 GHz	Wi-Fi 4: IEEE 802.11a/n Wi-Fi 5: IEEE 802.11ac Wave2 Wi-Fi 6: IEEE 802.11ax Wi-Fi 7: IEEE 802.11be
	2.4 GHz	Wi-Fi 4: IEEE 802.11b/g/n Wi-Fi 6: IEEE 802.11ax Wi-Fi 7: IEEE 802.11be
Operating Frequency Bands (country-specific restrictions apply)	5 GHz	5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz
	2.4GHz	2.400 GHz to 2.4835 GHz
Spatial Streams	5 GHz	2 spatial streams, 2x2 MIMO
	2.4 GHz	2 spatial streams, 2x2 MIMO
Antenna	Omni-directional Antenna	Yes
	5 GHz Antenna Gain	4.44 dBi
	2.4 GHz Antenna Gain	3.23 dBi
Channel Width	5 GHz	Auto/20/40/80/160 MHz
	2.4 GHz	Auto/20/40 MHz
Data Rate	Max. Throughput	3570 Mbps
	5 GHz	2882 Mbps
	2.4 GHz	688 Mbps
Modulation	Modulation	OFDM: BPSK @ 6/9 Mbps, QPSK @ 12/18 Mbps, 16-QAM @ 24 Mbps, and 64-QAM @ 48/54 Mbps DSSS: DBPSK @ 1 Mbps, DQPSK @ 2 Mbps, and CCK @ 5.5/11 Mbps MIMO-OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, and 4096-QAM OFDMA
Dimensions (Ø x H)	Dimensions (excluding mounting kits)	(195 mm x 41 mm (7.68 in. x 1.61 in.)) (excluding the mounting bracket)

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Max. Transmit Power	5 GHz (per chain)	Combined power: 25.7 dBm (single-stream power: 21 dBm) Note: The transmit power varies according to regulations in different countries and regions.
	2.4 GHz (per chain)	Combined power: 25 dBm (single-stream power: 22 dBm) Note: The transmit power varies according to regulations in different countries and regions.
	Standard Format	Frequency bands and 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  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 ≤ 30 dBm  Egypt: 2400–2483.5 MHz, EIRP ≤ 20 dBm 5150–5350 MHz, EIRP ≤ 23 dBm

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Receiver Sensitivity	Receiver Sensitivity	11b: -91 dBm (1 Mbps), -88 dBm (5.5 Mbps), -85 dBm (11 Mbps) 11a/g: -89 dBm (6 Mbps), -80 dBm (24 Mbps), -76 dBm (36 Mbps), -71 dBm (54 Mbps) 11n: -83 dBm (MCS0), -65 dBm (MCS7), -83 dBm (MCS8), -65 dBm (MCS15) 11ac: 20 MHz: -83 dBm (MCS0), -57 dBm (MCS9) 11ac: 40 MHz: -79 dBm (MCS0), -57 dBm (MCS9) 11ac: 80 MHz: -76 dBm (MCS0), -51 dBm (MCS9) 11ac: 160 MHz: -76 dBm (MCS0), -50 dBm (MCS9) 11ax: 20 MHz: -85 dBm (MCS0), -58 dBm (MCS11) 11ax: 40 MHz: -82 dBm (MCS0), -54 dBm (MCS11) 11ax: 80 MHz: -79 dBm (MCS0), -52 dBm (MCS11) 11ax: 160 MHz: -76 dBm (MCS0), -49 dBm (MCS11) 11be: 20 MHz: -85 dBm (MCS0), -52 dBm (MCS13) 11be: 40 MHz: -82 dBm (MCS0), -49 dBm (MCS13) 11be: 80 MHz: -82 dBm (MCS0), -46 dBm (MCS13) 11be: 160 MHz: -79 dBm (MCS0), -44 dBm (MCS13)
Service Ports	Number of 10/100/1000/2.5GBASE-T Ports	1
Power Supply	DC (Local Power)	Yes (12 V, 1.5 A)
	DC Connector Dimensions	Outer diameter: 5.5 mm (0.22 in.) Inner diameter: 2.1 mm (0.08 in.) Depth: 10 mm (0.39 in.)
	802.3af (PoE)	Yes
	802.3at (PoE+)	Yes
PoE Out	Max. PoE Wattage by PSE	No
Power Consumption	Power Consumption	≤ 14 W
Power Adapter	Power Adapter	No
Button	Button	1 x Factory reset
Status LED	Status LED	1 x System LED indicator (blue)
Environment	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% RH to 95% RH (non-condensing)
	Storage Humidity	5% RH to 95% RH (non-condensing)
Mounting	Ceiling-mount	Yes
	Wall-mount	Yes
	Pole-mount	No
Regulatory Compliance	Health	EN IEC 62311
	Spectrum	EN 300 328
		EN 301 893
		EN 300 440
Weather Resistance	IP Rating	IP41
	Lightning Protection/Surge	32 kV
Weight	Weight (excluding mounting kits)	≤ 0.6 kg (1.32 lbs.)
Software Specifications		
Operating Mode (AP Mode and Router Mode)	Router Mode	Yes
	AP Mode	Yes

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<b>WLAN</b>	Recommended Number of Associated Clients	BW160 11BE/AX: 16 (2.4 GHz) + 84 (5 GHz) = 100 BW80 11AX: 16 (2.4 GHz) + 52 (5 GHz) = 68 11AC: 12 (2.4 GHz) + 32 (5 GHz) = 44
	Max. Number of SSIDs	8
	Radio-based Client Limiting	Yes
	Layer 2 Client Isolation	Yes
	OFDMA Subcarrier	Yes
	OFDMA	Yes
	Wi-Fi Multimedia (WMM)	Yes
	802.1Q VLAN	Yes
	Multi-Link Operation (MLO)	Yes
	4K-QAM	Yes
	Same SSID for Different VLANs	Yes
	AP Load Balancing	Yes
	IGMP Snooping	No
	RF Beamforming	Yes
<b>Roaming</b>	802.11k/v	Yes
	802.11r	Yes
	Layer 2 Roaming	Yes
	Layer 3 Roaming	Yes
	AI Roaming	Yes
	PSK Authentication	Yes
	Static Blocklist and Allowlist	Yes
	WPA (TKIP), WPA2 (AES), and WPA-PSK	Yes
	OWE (Enhanced Open) WPA3-SAE WPA2-PSK/WPA3-SAE	Yes
	802.1X	Yes
	ARP Check	No
	IP Source Guard	No
	LLDP	No
	Static ARP Binding	Yes
	Proxy ARP	No
	Ping	Yes
	Traceroute	Yes
<b>Routing</b>	NAT	Yes
	Static IP Address	Yes
	DHCP Server	Yes
	PPPoE Client	Yes
	PPPoE Dial-up	
<b>AP Mesh</b>	Mesh Management	Yes
	Reyee Mesh	Yes
<b>Standalone Portal</b>	Captive Portal	Yes
	Bandwidth Limiting	Yes
	Data Quota	No

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<b>Management and Maintenance</b>	Default Access/Password	Yes
	Number of APs on a Self-Organizing Network	300
	Unified Networking for All Network Equipment	Yes
	Local or Remote Management Through Ruijie Reyee App	Yes
	Local Management Through the Web Interface	Yes
	Remote Management Through Ruijie Cloud	Yes
	SNMP	Yes
<b>Platform Management Features</b>	Optimization of Channel, Transmit Power, and Management Frame Power Settings. Both Pre- and Pro-Optimization Settings are Displayed.	Yes
	Unified Configuration Through Ruijie Cloud	Yes
	Unified Monitoring Through Ruijie Cloud	Yes
<b>Others</b>		
<b>Flash</b>	Flash	256 MB
<b>Memory</b>	Memory	512 MB
<b>Color of AP Enclosure</b>	Color of AP Enclosure	Ruijie White W-1