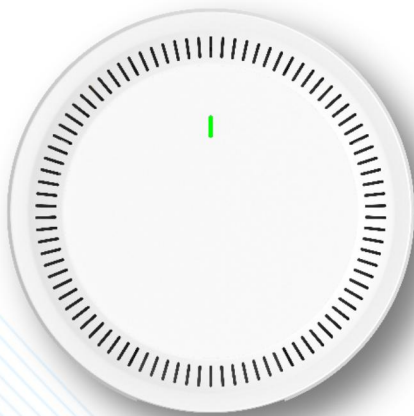


BE361

Cloud Managed BE3600 Access Point



The BE361 is a Cloud-Managed BE3600 Access Point (AP) with Wi-Fi 7. It is a high-performance indoor access point designed for enterprise environments. Featuring 802.11be Wi-Fi 7 concurrent on both 2.4GHz and 5GHz bands, the BE361 Cloud-Managed BE3600 Access Point offers ultra-fast combined data rates to wireless clients. It ensures smooth operation of bandwidth-intensive applications such as large file downloading, video conferencing, and high-definition video streaming, even in dense device environments.

Features

Ultra-Fast BE3600 Wi-Fi 7 Performance

Up to 688.5Mbps on 2.4GHz (2T2R) and 2882.5Mbps on 5.8GHz (2T2R). Supports 4096-QAM, MLO and MU-MIMO for low-latency multi-device handling in dense environments.

Dual-Band High-Gain Antennas

2 internal 5dBi 2.4GHz + 2 internal 5dBi 5.8GHz antennas with Beamforming, reducing dead zones and ensuring stable signals through obstacles.

2.5G Ports with PoE Support

2 x 2.5G RJ45 ports (LAN1 with PoE), enabling data transmission and power supply via a single cable for flexible deployment.

Cloud Platform Management

Web and mobile APP access for remote monitoring, configuration and troubleshooting, with visual management for easy operation.

Comprehensive Management & Security

Supports Web GUI, Telnet, APP, SSH, HTTP/HTTPS. Features QoS, firewall, filtering, VPN, user isolation, guest SSIDs, parental controls, and defense against DoS/ARP attacks for secure and stable network.

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Hardware Parameters		
Chipset	IPQ5332+QCN6432	
CPU Frequency	Quad-core Cortex A53 @ 1.5 GHz	
Memory	1GB DDR4	
Flash	256MB Nand Flash	
Device Interfaces	• 1 x RJ45 10M/100M/1000M/2.5G LAN1 Ethernet(with PoE IN) • 1 x RJ45 10M/100M/1000M/2.5G LAN2 Ethernet • 1 x reset button • 1 x Power jack	
WIFI	• 2T2R 2.4GHz 802.11b/g/n/ac/ax/be, 688.5Mbps • 2T2R 5.8GHz 802.11a/n/ac/ax/be, 2882.5Mbps	
WIFI Antenna	• 2 x 5dBi internal 2.4G antenna • 2 x 5dBi internal 5.8G antenna	
WIFI Features		
Standard	• 802.11a/b/g/n/ac/ax/be • 802.11b/g/n/ax/be, frequency 2.400 GHz to 2.4835 GHz • 802.11a/n/ac/ax/be, frequency 5.150GHz to 5.350GHz && 5.470GHz to 5.725GHz && 5.725GHz to 5.850 GHz • 802.11be ,country-specific restrictions apply • Korea、Japan、ETSI、FCC channels can be selected	
Modulation Schemes	• OFDM - BPSK,QPSK, 16-QAM, 64-QAM 256-QAM 1024-QAM 4096-QAM • DSSS - DBPSK, DQPSK, CCK	
Max transmit power	• 2.4GHz: 11n max 30dbm (24dbm per chain) 11ac max 30dbm (24dbm per chain) 11ax max 30dbm (24dbm per chain)	• 5GHz: 11n max 30dbm (24dbm per chain) 11ac max 30dbm (24dbm per chain) 11ax max 30dbm (24dbm per chain)
RX Sensitivity	• 2.4GHz: 11n max - 71dbm 11ac max - 63dbm 11ax max - 59dbm	• 5GHz: 11n max - 71dbm 11ac max - 61dbm 11ax max - 53dbm(HE160)
Transfer Rate	• 2.4G: HE40: up to 688.5Mbps	• 5G: HE240: up to 2882.5Mbps

Software Features

WiFi	Wireless spec Features: • Roaming • AP Mesh • Power Percent Adjustment • Removing Low-RSSI STAs • WIFI Optimization • Beamforming • Auto Channel • 240MHz Huge Frequency Width • WEP/WPA/WPA2/WPA3 Security • Guest SSIDs • Separate Authentication for SSID • Schedule Working for SSID • Speed Limit for SSID • Hidden SSID • User Isolation for SSID	Wireless main Protocols: • IEEE 802.11a • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n • IEEE 802.11ac • IEEE 802.11ax • IEEE 802.11be • IEEE 802.11h(DFS) • IEEE 802.11e(WMM) • IEEE 802.11k/v/r
Network	Network Features: • IPv4/IPv6 dual stack • IPv6 Stateless/Stateful • Static/IPoE/PPPoE Connection Type • DHCP server • Bridge Mode • SNMP Service • Lan Vlan • DDNS • VS Virtual Server • DMZ • UPNP	Network main Protocols: • RFC0768 UDP • RFC0791 IP • RFC0792 ICMP • RFC0793 TCP • RFC0826 Ethernet ARP • RFC0894 IP over Ethernet • RFC0922 Broadcasting Internet Datagrams • RFC0950 Internet Standard Subnetting Procedure • RFC2516 PPP Over Ethernet (PPPoE) • RFC1332 PPP Internet Protocol Control Protocol • RFC1042 Transmission of IP Datagrams over IEEE 802 Networks

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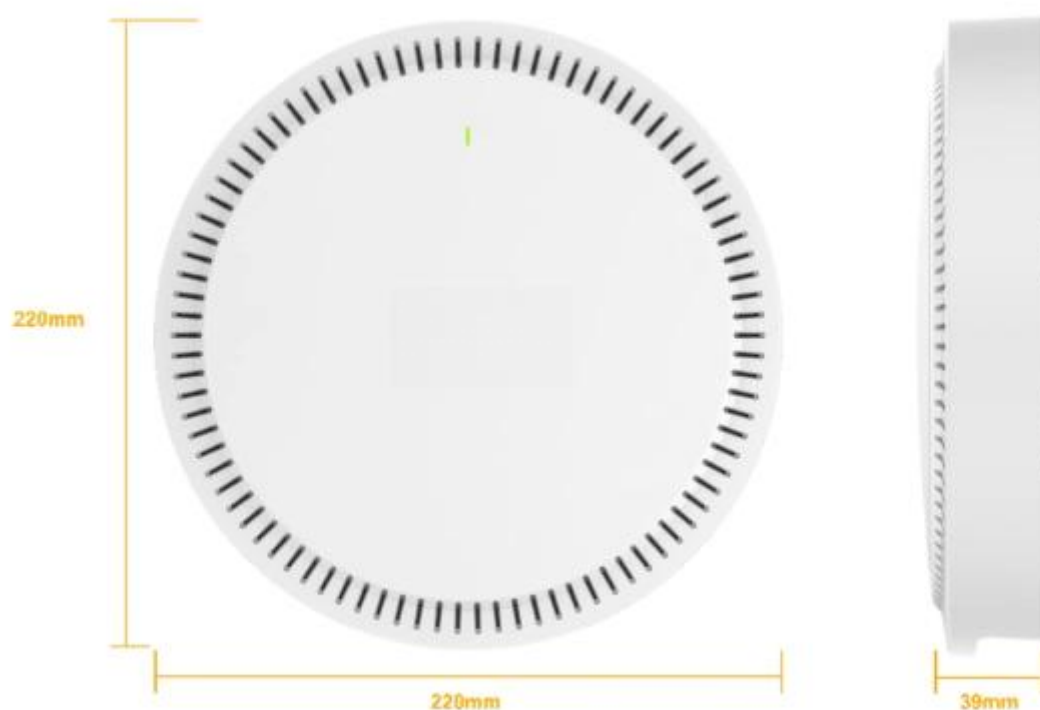
Software Features

Management Features	• WEB GUI • Command Tool Telnet For Debug • APP • SSH • HTTP/HTTPS • Login Authentication • NTP • Settings Backup & Import & Recovery • Firmware Local/Remote Upgrade • System Reboot & Scheduled-Restart • Network Self-Checking • Fault Alarm • Fault Collection • Diagnostic Tools(ping/tracert/nslookup)
Other Features	• Kick Off for Wireless User • Block Internet for User • Internet Time Schedule for User • Speed Limit for User • User Firewall MAC/IP/Port/URL filter for Data-Stream • Blue-Tooth • Night Mode(Light Control) • Roaming Test • Manual DNS
Coverage Radius	Ideal range: 100m *Performance may vary in different environments.
Max/Recommended Clients	256/128
Physical	
Dimensions	220 x 220 x 39mm
Weight	840grams (1.85pounds)
Temperature	• Operating: 0°C~40°C • Storage: -30°C ~ 70°C
Operating Humidity	5%~95% (non-condensing)
Waterproof Level	IP67
Power Supply	12V/1.5A/POE
Power Consumption	≤25W
Regulation Compliance	CE
Safety Regulations	UL

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Dimension Diagram



Interfaces Diagram

