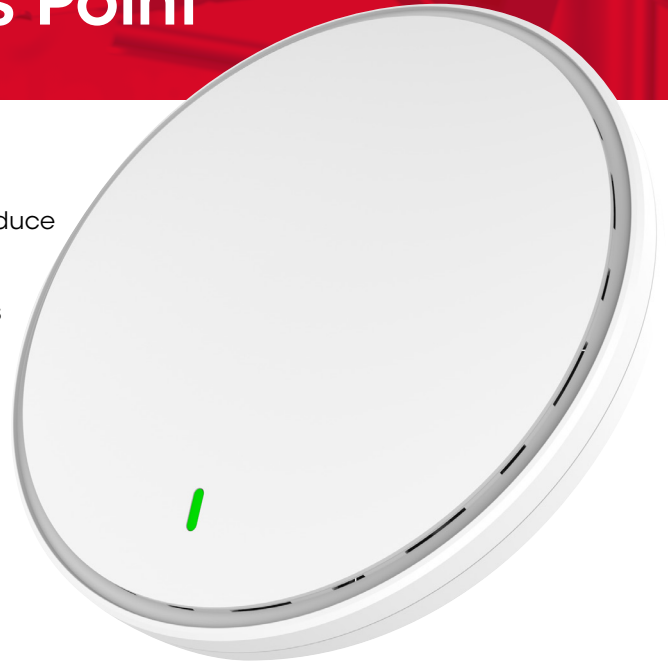


Wi-Fi 6 3000Mbps High Power Ceiling Wireless Access Point

Features

- Utilises long OFDM symbols and narrowband transmission to reduce packet loss and noise interference, extending Wi-Fi coverage.
- Downlink and uplink MU-MIMO capabilities allow simultaneous communication with multiple users, boosting transmission rates and system capacity.



Hardware Specifications				
CPU	MT7981B + MT7976CN + 7531AE			
Flash	SPI NOR 16MB			
DDR3	256M			
2.4G Frequency	2.4GHz ~ 2.484GHz			
2.4G WiFi Protocol	802.11 b / g / n / ax			
2.4G Antenna	x2 2.4G; Gain: 4.6dBi			
5G Frequency	5.150GHz ~ 5.850GHz			
5G WiFi Protocol	802.11 a / n / ac / ax			
5G Antenna	x2 5G; Gain: 4dBi			
Wireless Data Rate	2.4G: 574Mbps; 5G: 2402Mbps			
2.4G Power				
802.11b	11M	22±2dBm	1M	22±2dBm
802.11g	54M	19±2dBm	6M	21±2dBm
802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
802.11ax HT20	MCS11	16±2dBm	MCS0	20±2dBm
802.11ax HT40	MCS11	16±2dBm	MCS0	20±2dBm
2.4G Receive Sensitivity				
802.11b	11M	-87dBm	1M	-96dBm
802.11g	54M	-75dBm	6M	-93dBm
802.11n HT20	MCS7	-73dBm	MCS0	-92dBm
802.11n HT40	MCS7	-70dBm	MCS0	-89dBm
802.11ax HT20	MCS11	-64dBm	MCS0	-92dBm
802.11ax HT40	MCS11	-61dBm	MCS0	-89dBm
5G Power				
802.11a	54M	19±2dBm	6M	21±2dBm
802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
802.11ac HT20	MCS7	17±2dBm	MCS0	20±2dBm
802.11ac HT40	MCS7	17±2dBm	MCS0	20±2dBm
802.11ac HT80	MCS9	17±2dBm	MCS0	19±2dBm
802.11ax HT20	MCS11	16±2dBm	MCS0	20±2dBm
802.11ax HT40	MCS11	16±2dBm	MCS0	20±2dBm
802.11ax HT80	MCS11	16±2dBm	MCS0	19±2dBm
802.11ax HT160	MCS11	14±2dBm	MCS0	18±2dBm

5G Receive Sensitivity				
802.11a	54M	-74dBm	6M	-92dBm
802.11n HT20	MCS7	-73dBm	MCS0	-90dBm
802.11n HT40	MCS7	-70dBm	MCS0	-87dBm
802.11ac HT20	MCS7	-67dBm	MCS0	-91dBm
802.11ac HT40	MCS7	-63dBm	MCS0	-88dBm
802.11ac HT80	MCS9	-60dBm	MCS0	-84dBm
802.11ax HT20	MCS11	-62dBm	MCS0	-91dBm
802.11ax HT40	MCS11	-59dBm	MCS0	-89dBm
802.11ax HT80	MCS11	-56dBm	MCS0	-86dBm
802.11ax HT160	MCS11	-53dBm	MCS0	-83dBm
Specifications				
2.4G EVM	802.11b: ≤-10dB; 802.11g: ≤-25dB; 802.11n: ≤-28dB; 802.11ax: ≤-35dB			
5G EVM	802.11a: ≤-25dB; 802.11n: ≤-28dB; 802.11ac: ≤-32dB; 802.11ax: ≤-35dB			
PPM	±20ppm			
WAN Port	x1 10/100/1000M, supports 48V PoE			
LAN Port	x1 10/100/1000M			
Power	PoE 802.3af; DC2.0 12V=1.5A			
Max Power Consumption	<15W			
ESD	Air: ±8K; Touch: ±4K			
Electrical Surge	Common Mode: 2K; Differential Mode: 1K			
Working Temperature	-20°C - 45°C			
Storage Temperature	-40°C to 70°C			
Humidity	5% ~ 95% (non-condensing)			
Dimensions	186 x 186 x 36mm			
Weight	0.55kg			

Wi-Fi 6 3000Mbps High Power Ceiling Wireless Access Point

Firmware Specifications

Working Mode	Gateway, AP
Protocols	IPv4
Wireless Functions	
Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4	
Supports hidden SSID	
Supports seamless roaming	
Supports 5G priority, for faster Ethernet	
Wireless Security: Open, WPA, WPA2-PSK TKIP AES, WAP2-EAP, WPA3	
Supports MAC filter	
Supports Wi-Fi on/off to save energy	
Supports client isolation to improve the wireless stability	
Supports RF power adjust	
Supports limited user quantity, max 64 users to access each band	
Networking Function	
VLAN settings	
Cloud access support in gateway mode	

Device Management

Back-up and restore configuration
Reset to factory default
Set time reboot or reboot immediately
Admin management
Firmware upgrade
System log
Supports GUI web management, AC controller management, remote management and Cloud management

