Ruijie | Reyce



# RG-RAP73HD Reyee Wi-Fi 7 Tri-Band BE19000 Ceiling Access Point

DATASHEET



#### Highlights

- Tri-Band performance, 6G/320MHz brings extre-high wireless rate
- Better Streaming experience with Wi-Fi 7 exclusive feature MLO
- Increase the high-density access capacity up to 1500
- 4K-QAM, deliever data packs better for higher speeds
- Capable of Enterprise Switch to build PRO Office Network



### Highlight Features



#### Enter Next-Level Speed Machine, Enjoy True Blazing-Fast Acceleration



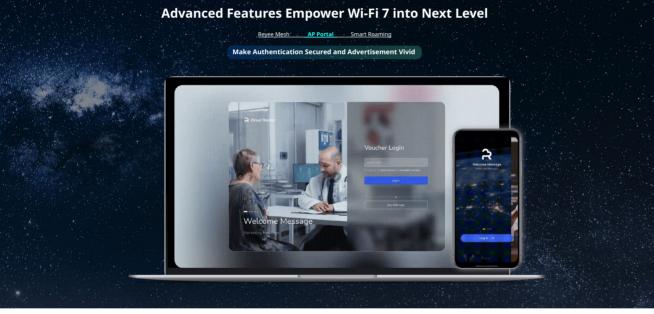
Ultimate High-Quality Streaming, Performance Increased of 20% Powered by MLO





### Highlight Features





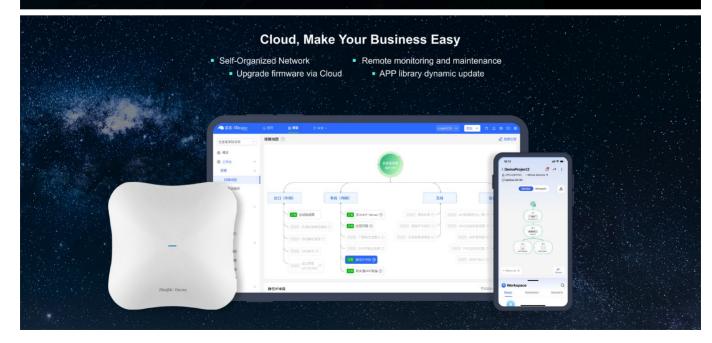




### Highlight Features











	Basic Feature	
Wi-Fi Standards	Wi-Fi7(IEEE 802.11be)	
MIMO	2.4 GHz,4x4 MIMO 5 GHz,4x4 MIMO 6 GHz,4x4 MIMO	
Max. Wi-Fi Speed	2.4 GHz:1376 Mbps 5 GHz:5765 Mbps 6 GHz:11530 Mbps	
Antenna	14 (2.4 GHz 4*4, 5 GHz 4*5, 6 GHz 4*5)	
Antenna Type	Planar inverted-F (PIFA) antennas Antenna gain: 2.4 GHz: 4 dBi; 5 GHz: 6 dBi; 6 GHz: 6 dBi	
Max. Transmit Power	Frequency bands using and the max EIRP:Note: Country specific restrictions applyEuropean Union & United Kingdom2400-2483.5 MHz, EIRP≤ 20 dBm5150-5350 MHz, EIRP≤ 23 dBm5045-6425 MHz, EIRP≤ 30 dBm5945-6425 MHz, EIRP≤ 23 dBm2400-2483.5 MHz, max output power<30dBm & EIRP ≤ 36 dBm	
Service Port	1 x 100/1000/2.5G/5G/10GBase-T Ethernet port, PoE-capable 1 x 10/100/1000Base-T Ethernet port 1 x 10GBase-X SFP port (The optical transceiver module needs to be purchased separately.) Note: The access point itself does not transmit optical signals. An optical transceiver module must be installed on the access point to convert optical signals into electrical signals.	
Max. Clients	512 (2.4 GHz) + 512 (5 GHz) + 512 (6 GHz) =1500	
Recommended Clients	250	





	Basic Feature	
Max. SSIDs	8	
Recommended Wi-Fi Coverage Radius	2.4 GHz: 40 meters 5 GHz: 70 meters 6 GHz: 70 meters The Wi-Fi coverage is subject to the installation environment of the access point.	
Max. Wi-Fi Coverage Radius	Max:100 meters	
	Software Feature	
	WLAN Basic Features	
Power Adjustment	Configurable in increments of 1 dBm High(100%), Medium(75%), Low(50%), Lower(25%) ✓	
Layer2 Roaming	$\checkmark$	
Layer3 Roaming	$\checkmark$	
OFDMA Subcarrier	$\checkmark$	
OFDMA, Multiple Access	$\checkmark$	
Target wake time (TWT)*	$\checkmark$	
WMM	$\checkmark$	
Radar Signal Detection and Frequency Hopping(DFS)	$\checkmark$	
	WLAN Security	
Wi-Fi Password	8 to 16 characters	
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK; WPA3-SAE, WPA2-PSK/WPA3-SAE	
Static Whitelist	$\checkmark$	
Static Blacklist	$\checkmark$	
Enhanced User Experience		
Wi-Fi Optimization	$\checkmark$	



# Specifications

	Software Features
STA Limit	SSID-based STA limit , radio-based STA limits
Removing Low-RSSI STAs	$\checkmark$
Adjusting Sending Rate of Beacon and Probe Response	$\checkmark$
Syslog Recording Why Users Lose Connection	$\checkmark$
Auto Channel and Power Adjustment on Cloud	$\checkmark$
RSSI Threshold for STA Access	$\checkmark$
Load Balancing	$\checkmark$
	Networks
Network Access Mode	PPPoE Client DHCP Client Static IP
Avoidance of WAN IP Address Conflicts	$\checkmark$
VLAN	Port-based VLAN 802.1Q VLAN
DHCP Server	$\checkmark$
	System
Cloud Management	$\checkmark$
APP Management	$\checkmark$
APP Upgrade	$\checkmark$
APP Restart	$\checkmark$
Scheduled Restart	$\checkmark$





Software Features		
Default Access/Password	10.44.77.254 Default password: admin	
Local Upgrade	$\checkmark$	
Online Upgrade	$\checkmark$	
Backup	$\checkmark$	
Factory Reset	$\checkmark$	
Language	Chinese English Spanish French Indonesian Thai Russian Turkish German Vietnamese Arabic Note: Spanish, French, Indonesian, Thai, Russian, Turkish, German, Vietnamese, Arabic languages are only supported on R240 and later versions.	
System Log	$\checkmark$	
Diagnostics	$\checkmark$	
Network Check	$\checkmark$	
Physical		
Status LED	One LED (Blue)	
Buttons	1 × Reset button	
Dimensions (W x D x H)	258 mm × 258 mm × 59.5mm (10.16 in. x 10.16 in. x 2.20 in., without the mounting bracket)	
Weight	$\leq$ 2.0 kg (4.41 lbs., without the mounting bracket)	
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm	





	Software Features		
Installation	Ceiling-Mountable		
Mounting Bracket Dimensions (W × D × H)	120 mm x 98 mm x 12mm(4.72 in. x 3.86 in. x 0.47 in.)		
Mounting Hole Pattern	70mm(2.76 in.)		
Mounting Hole Diameter	6.5 mm(1.72 in.)		
Power Supplies	IEEE 802.3at/bt PoE DC 48V/1.25A		
Max. Power Consumption	60 W		
PoE Power Budget	60W		
Environmental			
Temperature	Working 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	Working humidity: 5% RH to 95% RH (non-condensing)		
Storage Humidity	Storage humidity: 5% RH to 95% RH (non-condensing)		
IP(Ingress Protection)	IP41		
Port Surge	Common mode:2 kV differential mode: 1kV		
MTBF	> 400000H		

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Redefine your easy network

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