

# RG-RAP72Pro

## Wi-Fi 7 BE5040 Dual-Band Ceiling Access Point

DATASHEET



### Highlights

- Next-generation performance with Wi-Fi 7, delivering extra-high wireless speeds
- Superior streaming with Wi-Fi 7's exclusive MLO feature
- Compact design and easy installation
- Enhanced data transmission with 4K-QAM for faster speeds
- Ideal for integrating with enterprise switches to create a robust office network

# Highlight Features

## Reyee Wi-Fi 7 BE5040 Dual-Band Ceiling Access Point RG-RAP72Pro



Entry-Level Wi-Fi 7 Ceiling  
Up to 5 Gbps

**MLO**

Multi-Link Operation  
2.4 GHz 2x2  
5 GHz 3x3

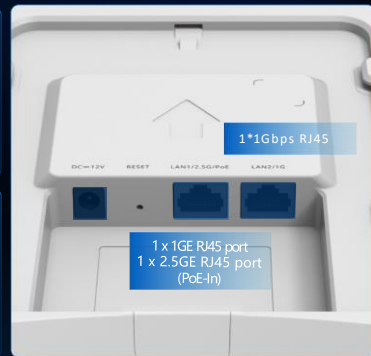
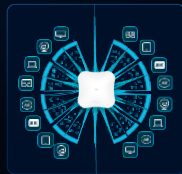
**1024**  
10 bits/symbol

**4096**  
12 bits/symbol



**MRU**

(Multi-Resource Unit)



Reyee Cloud



# Highlight Features

## Application Scenarios

### Immersive AR/VR



Experience a bustling digital world

### 8K Streaming



No more buffering, delays, or congestion for streaming

### Live Recording



Delve into details on what you want to discuss

### Video Conference



Run a lag-free meeting across time zones with global partners and hash out ideas

## Cloud

### Reyee AP Mesh

Multiple wireless access points form a mesh network, simplifying simplifying wireless networking

### MLO

MLO allows devices to use channels across different bands, enabling simultaneous transmission and over multiple links

### WIO

With WIO (Wi-Fi Intelligent Optimization) technology, your wireless network is just a click away.

### WIO

Make authentication secured and advertisement vivid

# Specifications

Model	RG-RAP72Pro
<b>Hardware Specifications</b>	
<b>Wi-Fi Protocols</b>	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
<b>Spatial Streams</b>	2.4 GHz, 2x2 MIMO 5 GHz, 3x3 MIMO
<b>Antenna</b>	Built-in Antenna gain: 2.4 GHz, 2.0 dBi; 5 GHz, 3 dBi
<b>Data Rate</b>	Max. throughput: 5011 Mbps 2.4 GHz: 688 Mbps 5 GHz: 4323 Mbps
<b>Channel Width</b>	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
<b>Max. Transmit Power</b>	<p><b>Frequency bands and the maximum Effective Isotropic Radiated Power (EIRP):</b></p> <p>Note: Country-specific restrictions apply.</p> <p><b>European Union &amp; United Kingdom</b></p> <p>2400-2483.5 MHz, EIRP ≤ 20 dBm            5150-5350 MHz, EIRP ≤ 23 dBm            5470-5725 MHz, EIRP ≤ 30 dBm</p> <p><b>United States:</b></p> <p>2400-2483.5 MHz, max output power ≤ 30 dBm &amp; EIRP ≤ 36 dBm            5150-5250 MHz, max output power ≤ 30 dBm &amp; EIRP ≤ 36 dBm            5250-5350 MHz, max output power &lt; 24 dBm &amp; EIRP ≤ 30 dBm            5470-5725 MHz, max output power &lt; 24 dBm &amp; EIRP ≤ 30 dBm            5725-5850 MHz, max output power ≤ 30 dBm &amp; EIRP ≤ 36 dBm</p> <p><b>Myanmar:</b></p> <p>2400-2483.5 MHz, EIRP ≤ 23 dBm            5725-5825 MHz, EIRP ≤ 30 dBm</p> <p><b>Thailand:</b></p> <p>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</p> <p><b>Indonesia:</b></p> <p>2400-2483.5 MHz, EIRP ≤ 27 dBm            5150-5350 MHz, EIRP ≤ 23 dBm            5725-5825 MHz, EIRP ≤ 23 dBm</p> <p><b>Egypt:</b></p> <p>2400-2483.5 MHz, EIRP ≤ 20 dBm            5150-5350 MHz, EIRP ≤ 23 dBm</p>
<b>Service Ports</b>	1 x 10/100/1000BASE-T port 1 x 10/100/1000/2500BASE-T port
<b>Power Supply</b>	IEEE 802.3at standard PoE or DC (12 V, 2.5 A) power supply
<b>LEDs</b>	1 x system LED (blue)

## Specifications

Model	RG-RAP72Pro
<b>Hardware Specifications</b>	
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	±2 kV
Power Consumption	< 30W
Installation	Ceiling-mount or wall-mount
Dimensions (W x D x H)	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)
<b>Software Specifications</b>	
Operating Mode	AP mode and router mode
Max. Number of Clients	512
Recommended Number of Clients	110
Max. Number of SSIDs	8
Radio-based Client Limit	√
4K-QAM	√
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 Reye Mesh

## Specifications

Model	RG-RAP72Pro
<b>Software Specifications</b>	
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
<b>Other Specifications</b>	
Certification	CE, RoHS, FCC, ISED, 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)

# Package Contents

<b>Access Point</b>	<b>1</b>
<b>Mounting Bracket</b>	<b>1</b>
<b>Mounting Template</b>	<b>1</b>
<b>Latch</b>	<b>1</b>
<b>Phillips Pan Head Screws</b>	<b>4</b>
<b>Nuts</b>	<b>4</b>
<b>User Manual</b>	<b>1</b>
<b>Warranty Card</b>	<b>1</b>





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 **Redefine your easy network**

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