

RG-RAP72Pro

BE5040 Wi-Fi 7 Indoor Access Point

DATASHEET



Highlights

- Next Level performance, Wi-Fi 7 brings extre-high wireless rate
- Better Streaming experience with Wi-Fi 7 exclusive feature MLO
- Increase the high-density access capacity
- 4K-QAM, deliever data packs better for higher speeds
- Capable of Enterprise Switch to build Pro Office Network

Specifications

Model	RG-RAP72Pro
Hardware Specifications	
Wi-Fi Protocols	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
Spatial Streams	2.4 GHz, 2x2 MIMO 5 GHz, 3x3 MIMO
Antenna	Built-in Antenna gain: 2.4 GHz, 5.1 dBi; 5 GHz, 5.4 dBi
Data Rate	Max. throughput: 5013 Mbps 2.4 GHz: 689 Mbps 5 GHz: 4324 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Frequency bands using and the max EIRP: 2.4 GHz, EIRP ≤ 25dBm 5 GHz, EIRP ≤ 25dBm	
Note: Country-specific restrictions apply.	
European Union & United Kingdom: 2400 MHz to 2483.5 MHz, EIRP ≤ 20 dBm 5470 MHz to 5725 MHz, EIRP ≤ 30 dBm	
United States: 2400 MHz to 2483.5 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5150 MHz to 5250 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm 5250 MHz to 5350 MHz, max output power ≤ 24 dBm & EIRP ≤ 30 dBm 5470 MHz to 5725 MHz, max output power ≤ 24 dBm & EIRP ≤ 30 dBm 5725 MHz to 5825 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm	
Max. Transmit Power	Myanmar: 2400 MHz to 2483.5 MHz, EIRP ≤ 23 dBm 5725 MHz to 5825 MHz, EIRP ≤ 30 dBm
	Thailand: 2400 MHz to 2483.5 MHz, EIRP ≤ 20 dBm 5470 MHz to 5725 MHz, EIRP ≤ 30 dBm 5725 MHz to 5825 MHz, EIRP ≤ 30 dBm
	Indonesia: 2400 MHz to 2483.5 MHz, EIRP ≤ 36 dBm 5725 MHz to 5825 MHz, EIRP ≤ 36 dBm
	Egypt: 2400 MHz to 2483.5 MHz, EIRP ≤ 20 dBm 5150 MHz to 5350 MHz, EIRP ≤ 23 dBm
Service Ports	1 x 10/100/1000BASE-T port 1 x 10/100/1000/2500BASE-T port
Power Supply	IEEE 802.3at standard PoE DC (12 V, 2.5 A)
LEDs	1 x system LED (blue)

Specifications

Model	RG-RAP72Pro
Hardware Specifications	
MTBF	> 400000 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
Lightning Protection/Surge	±2 kV
Installation	Ceiling mounted or wall mounted
Dimensions (W x D x H)	220 mm x 220 mm x 40 mm (8.66 in. x 8.66 in. x 1.57 in.)
Weight	≤ 0.65 kg (1.43 lbs.)
Software Specifications	
Operating Mode	AP mode and router mode
Max. Number of Clients	512
Recommended Number of Clients	110
Max. Number of SSIDs	8
Radio-based STA Limit	√
4K-QAM	√
Roaming	AI roaming Layer 2 roaming Layer 3 roaming 802.11 k/v/r
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 Reyee Mesh

Specifications

Model	RG-RAP72Pro
Software Specifications	
WDS	√
Standalone Portal	√
Management and Maintenance	Support 300 APs on a self-organizing network Support unified networking for all network equipment Support local or remote management via Ruijie Reeye 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
Others	
Certification	CE, RoHS, FCC, ISED, cTUVus
Package Contents	1 x AP/ 1 x mounting plate/ 1 x mounting template/ 1 x latch/ 4 x Phillips pan head screws/ 4 x nuts/ 1 x User Manual/ 1 x Warranty Card
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.)

Ruijie | ReYee

 **R**edefine your **e**asy **n**etwork

Copyright ©2000-2024 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



Ruijie Networks Co., Ltd.

Official Website: <https://Reyee.Ruijie.com>