

Ruijie | ReYee

# RG-EW7200BE PRO

## Cloud Managed Wi-Fi 7 Dual-band Gaming Router

DATASHEET

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### Highlights

- Ultrafast WiFi 7
- 5 × 2.5 Gbps & 4 × 1 Gbps ports
- 9 high-gain antennas
- Enterprise flagship chip
- Exclusive ReYee mesh
- Ruijie ReYee App, manage your home network at your fingertips

# Specifications

Basic	
Dimensions (W×D×H)	214mm x 209mm x 60mm (antennas not included)
Weight	0.739 kg (packages not included)
Wi-Fi Standards	Wi-Fi 7 (IEEE 802.11be)
MIMO	2.4G: 4 x 4 MIMO 5G: 4 x 4 MIMO
Max. Wi-Fi Speed	2.4 GHz: 1377 Mbps 5 GHz: 5765 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/40/80/160 MHz
Antennas	2.4G*4+5G*5
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 4 dBi 5 GHz: 5 dBi
Ports	1 x 10/100/1000/2500Mbps WAN 1 x 10/100/1000/2500Mbps WAN/LAN 3 x 10/100/1000/2500Mbps LAN 4 x 10/100/1000Mbps LAN
USB Support	1× USB 3.0 Port
Recommended Users	96
Max. Users	512
Power Supply	DC 12V/3.0A
Power Consumption	< 36 W
Operation Frequency Bands	802.11b/g/n/ax/be: 2.400 GHz to 2.483 GHz 802.11a/n/ac/ax/be: 5.150 GHz to 5.350 GHz 802.11a/n/ac/ax/be: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz country-specific restrictions apply
Transmit Power	General: CE EIRP: ≤20dBm (2.4GHz)

	<p>≤27dBm (5GHz)</p> <p>Myanmar:</p> <p>2400~2483.5MHz ≤ 20dBm(EIRP);</p> <p>5150~5350MHz ≤ 23dBm(EIRP);</p> <p>5470~5725MHz ≤ 30dBm(EIRP);</p> <p>5725~5850MHz ≤ 30dBm(EIRP);</p>
<b>Receive Sensitivity</b>	<p>802.11b: -96 dBm(1 Mbps)</p> <p>802.11g: -91 dBm(6 Mbps), -72 dBm(54 Mbps)</p> <p>802.11n: -89dBm(MCS0), -68 dBm(MCS7)</p> <p>802.11ax: -88dBm(MCS0), -69dBm(MCS7), -58dBm(MCS11)</p> <p>802.11be: -89dBm(MCS0), -71dBm(MCS7), -53dBm(MCS13)</p> <p>5 GHz:</p> <p>802.11a: -92 dBm(6 Mbps), -60 dBm(54 Mbps)</p> <p>802.11n: -89 dBm(MCS0), -68 dBm(MCS7)</p> <p>802.11ac: -85dBm(MCS0), -67dBm(MCS7), -60dBm(MCS9)</p> <p>802.11ax: -88dBm(MCS0), -69dBm(MCS7), -58dBm(MCS11)</p> <p>802.11be: -86dBm(MCS0), -68dBm(MCS7), -50dBm(MCS13)</p>
<b>Operating Temperature</b>	-10 °C to +40 °C (14 °F to 104 °F)
<b>Operating Humidity</b>	5% to 95% Noncondensing
<b>Certifications</b>	CE
<b>Wireless</b>	
<b>OFDMA</b>	-
<b>MU-MIMO</b>	Support
<b>BSS Coloring</b>	Support
<b>Maximum Number of SSIDs</b>	6
<b>SSID Hiding</b>	Support
<b>Band Steering</b>	Support
<b>Guest Wi-Fi</b>	Support
<b>WPA/WPA2</b>	Support

<b>WPA3</b>	Support
<b>Roaming</b>	Layer 2 Roaming
<b>Blocklist</b>	Support
<b>Reyee Mesh</b>	Support
<b>Mesh Pairing by Hardware</b>	Support
<b>Mesh Pairing by Mesh Button</b>	Support
<b>Mesh Pairing by Eweb</b>	Support
<b>Recommended Hop Count</b>	≤2
<b>Wi-Fi Optimization</b>	Support
<b>QoS (WMM)</b>	Support
<b>WPS</b>	-
<b>Transmission Power Adjustment</b>	Support

## Hardware

<b>CPU</b>	MT7992
<b>Flash</b>	256MB
<b>RAM/SDRAM</b>	1G
<b>Color</b>	Black
<b>System LED Indicator</b>	Support
<b>Reyee Mesh LED Indicator</b>	Support
<b>Reyee Mesh Button</b>	Support
<b>Power Button</b>	-
<b>Reset Button</b>	Support
<b>DC Connector Dimensions</b>	outer diameter: 5.5 mm; inner diameter: 2.1 mm; depth: 10.0 mm

## WAN

<b>Static IP</b>	Support
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<b>DHCP</b>	Support
<b>PPPoE</b>	Support
<b>LT2P WAN</b>	-
<b>Learning PPPoE Account &amp; Password</b>	Support
<b>VLAN Tagging</b>	Support

## LAN

<b>DHCP Server</b>	Support
<b>Client List</b>	Support
<b>Static IP Assignment</b>	Support
<b>Port-Based Flow Control</b>	Support

## Features

<b>IPv6</b>	Support
<b>DDNS</b>	Support
<b>IPTV</b>	Support
<b>Alarm</b>	Support
<b>Diagnosis</b>	Support
<b>UPnP</b>	Support
<b>ARP Binding</b>	Support
<b>Port Mapping</b>	Support
<b>DMZ Host</b>	Support
<b>Rate Limitation of Terminals</b>	Support
<b>Hardware Acceleration</b>	Support
<b>Game Acceleration</b>	Support
<b>MAC Address Cloning</b>	Support
<b>Cloud Management</b>	Support

<b>Repeater Mode</b>	Support
<b>WISP Mode</b>	Support
<b>AP Mode</b>	Support

## Security

<b>PPTP VPN Server</b>	-
<b>PPTP VPN Client</b>	-
<b>L2TP VPN Client</b>	-
<b>Parental Control</b>	Time Schedule
<b>Protect TCP Flood Attacks</b>	Support
<b>Protect ICMP Attacks</b>	-
<b>Protect UDP Flood Attacks</b>	-

## System

<b>Default Access/Password</b>	192.168.110.1 No Password Required by Default
<b>URL Access</b>	Support
<b>Local Upgrade</b>	Support
<b>Online Upgrade</b>	Support
<b>APP Upgrade</b>	Support
<b>Syslog</b>	Support
<b>Backup</b>	Support
<b>Factory Reset</b>	Support
<b>Language</b>	Chinese English Vietnamese Turkish Indonesian Thai traditioanl Chinese Spanish

Russian  
Arabic  
Ukrainian  
Czech  
Italian

## Package Contents

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