

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>
Receive Sensitivity	<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>
Operating Temperature	-10 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE
Wireless	
OFDMA	-
MU-MIMO	Support
BSS Coloring	Support
Maximum Number of SSIDs	6
SSID Hiding	Support
Band Steering	Support
Guest Wi-Fi	Support
WPA/WPA2	Support

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

Hardware

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

WAN

Static IP	Support
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DHCP	Support
PPPoE	Support
LT2P WAN	-
Learning PPPoE Account & Password	Support
VLAN Tagging	Support

LAN

DHCP Server	Support
Client List	Support
Static IP Assignment	Support
Port-Based Flow Control	Support

Features

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

Repeater Mode	Support
WISP Mode	Support
AP Mode	Support

Security

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

System

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

Russian
Arabic
Ukrainian
Czech
Italian

Package Contents

Package Information	RG-EW7200BE PRO
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Warranty Card	1
Ethernet Cable	1

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