

# RG-EW7200BE PRO

## BE7200 Wi-Fi 7 Gaming Router



### Highlights

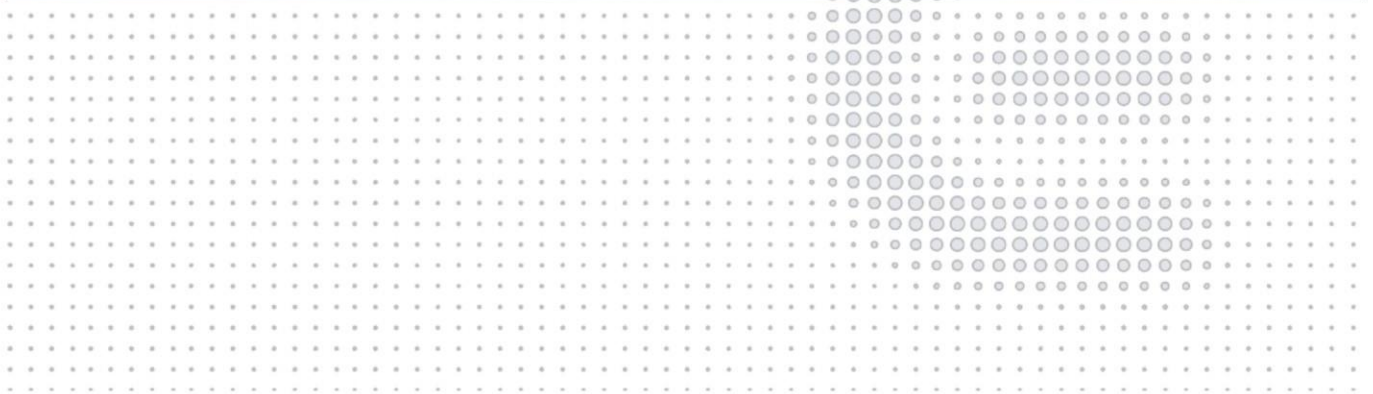
- Unmatched Speed with Wi-Fi 7
- 2 x 2.5 Gbps WAN ports
- 3 x 2.5 Gbps and 4 x 1 Gbps LAN ports
- 9 antennas and 9 FEMs
- Enterprise-grade flagship chip
- Advanced gaming features

# Make Barriers None Make Distance Zero

Introducing the RG-EW7200BE PRO, a cutting-edge **WiFi 7** router offering speeds up to 7200 Mbps. Featuring MLO and MRU for superior performance, it delivers exceptional coverage and stability. Experience unparalleled networking performance with the RG-EW7200BE PRO.

## Make Barriers None, Make Distance Zero

With **9 antennas and 9 FEMs**, the RG-EW7200BE PRO penetrates three walls and eliminates coverage holes, ensuring strong and reliable coverage that makes barriers disappear and distances negligible.



# Highlight Features

## BE7200

With speeds up to 7200 Mbps, the RG-EW7200BE PRO delivers seamless gaming and smooth HD streaming for an exceptional online experience.



## Multi-Link Operation

Advanced MLO technology allows devices to simultaneously use multiple bands for faster and more stable wireless data transmission.



## Outstanding Signal Penetration

9 antennas and 9 FEMs ensure strong signal penetration.



## Advanced Gaming Features

Exclusive 2.5 Gbps gaming ports and gaming Wi-Fi ensure a smooth gaming experience.



## 5 x 2.5 Gbps & 4 x 1 Gbps

Unleash the power of Gigabit Internet.



## Recommended Users: 96

Easily connect all your smart home devices.



## Highlight Features

### Build an Ideal Network with 5 x 2.5 Gbps & 4 x 1 Gbps Ports

#### Dual-WAN Aggregation

Dual-WAN aggregation combines multiple internet connections to deliver wired bandwidth exceeding 4.2 Gbps.

Load Balancing

Dual-Line Backup

Dual-LAN Aggregation



### USB 3.0 Port

The USB 3.0 port on the RG-EW7200BE PRO supports fast file sharing through external storage devices, allowing multiple devices on the network to access and download files easily—perfect for home and office environments.



# Highlight Features

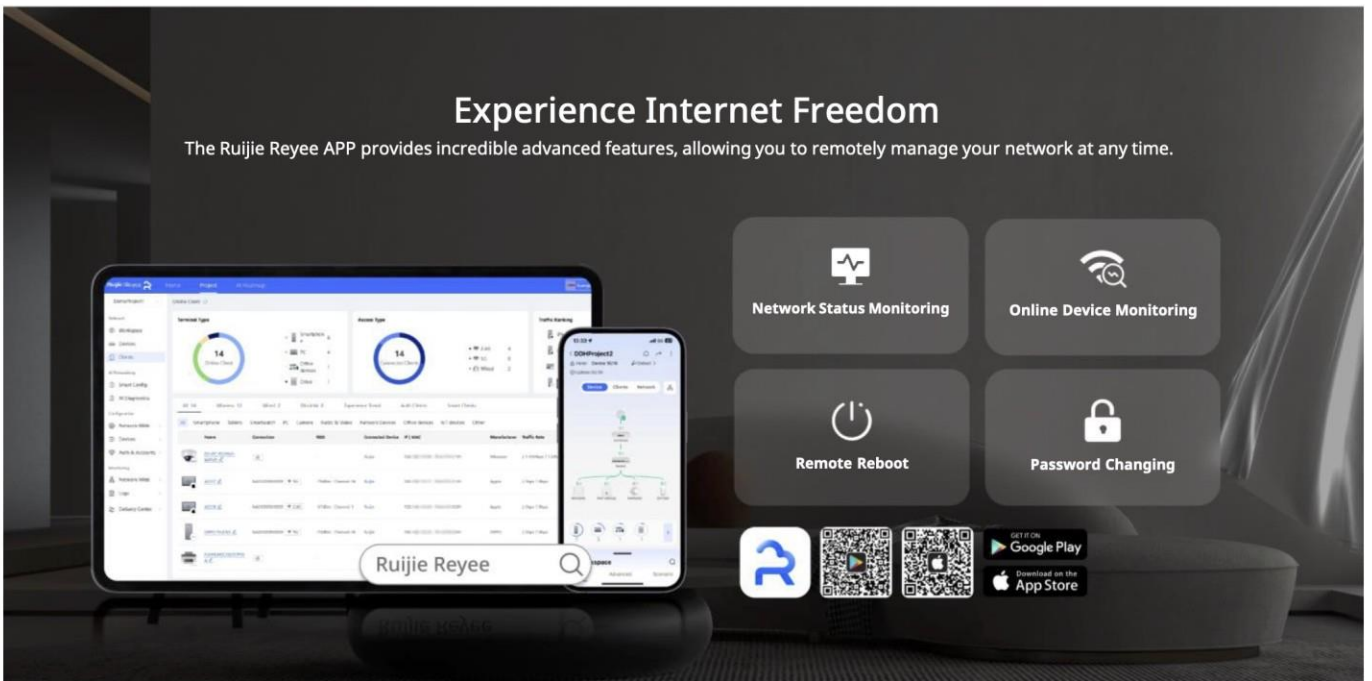
## Reyee Mesh, Easy Network Expansion

With Reyee Mesh, you can say goodbye to coverage holes. Reyee Mesh supports the interconnection of all Reyee Wi-Fi 5, Wi-Fi 6 and Wi-Fi 7 home routers to set up a network that ensures seamless roaming and unified management.



## Experience Internet Freedom

The Ruijie Reyee APP provides incredible advanced features, allowing you to remotely manage your network at any time.



# Hardware Specifications

Model	RG-EW7200BE PRO
<b>Wi-Fi Radio</b>	
<b>Operating band</b>	IEEE 802.11b/g/n/ac/ax/be, 2.400GHz~2.4835GHz; IEEE 802.11a/n/ac/ax/be, 5.150GHz~5.350GHz; IEEE 802.11a/n/ac/ax/be, 5.470GHz~5.725GHz; IEEE 802.11a/n/ac/ax/be, 5.725GHz~5.850GHz
<b>FEM</b>	2.4GHz: iPA 5GHz: EPA
<b>Max. Wi-Fi Speed</b>	2.4 GHz, 1377 Mbps 5 GHz, 5765 Mbps
<b>Maximum transmit power</b>	<p>2.4 GHz:</p> <p>802.11b: 22 dBm</p> <p>802.11g: 6 Mbps 22 dBm; 54 Mbps 20 dBm</p> <p>802.11n: MCS0 22 dBm; MCS7 19 dBm 802.11ac: MCS0 22 dBm; MCS9 18 dBm</p> <p>802.11ax: MCS0 22 dBm; MCS11 16.5 dBm</p> <p>802.11be: MCS0 25 dBm; MCS13 15.5 dBm</p> <p>5 GHz:</p> <p>802.11a: 6 Mbps 26 dBm; 54 Mbps 22 dBm</p> <p>802.11n: MCS0 26 dBm; MCS7 21.5 dBm 802.11ac: MCS0 26 dBm; MCS9 21 dBm 802.11ax: MCS0 26 dBm; MCS11 19 dBm</p> <p>802.11ax: MCS0 26 dBm; MCS13 17 dBm</p> <p>Note: The transmit power varies according to regulations in different countries and regions.</p>
<b>Maximum transmit power(EIRP)</b>	<p>Frequency bands using and the max EIRP:</p> <p>Note: Country specific restrictions apply</p> <p>European Union &amp; United Kingdom:</p> <p>2400-2483.5 MHz, EIRP ≤ 20 dBm</p> <p>5150-5350 MHz, EIRP ≤ 23 dBm</p> <p>5470-5725 MHz, EIRP ≤ 30 dBm</p> <p>Myanmar:</p> <p>2400-2483.5 MHz, EIRP ≤ 23 dBm</p> <p>5725-5825 MHz, EIRP ≤ 30 dBm</p> <p>Thailand:</p> <p>2400-2483.5 MHz, EIRP ≤ 20 dBm</p> <p>5150-5350 MHz, EIRP ≤ 23 dBm</p> <p>5470-5725 MHz, EIRP ≤ 30 dBm</p> <p>5725-5825 MHz, EIRP ≤ 30 dBm</p> <p>Indonesia:</p> <p>2400-2483.5 MHz, EIRP ≤ 27 dBm</p> <p>5150-5350 MHz, EIRP ≤ 23 dBm</p> <p>5725-5825 MHz, EIRP ≤ 23 dBm</p>

# Hardware Specifications

Model	RG-EW7200BE PRO
	Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm Vietnam: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm
MIMO	2.4 GHz, 4 x 4 5 GHz, 4 x 4
Wi-Fi standard	Wi-Fi 7 (IEEE 802.11be)
<b>Antenna</b>	
Antenna	9 x external antennas
Antenna gain (2.4 GHz)	4 dBi
Antenna gain (5 GHz)	5 dBi
<b>Certification and Regulatory Compliance</b>	
Certification	CE, CB
<b>Dimensions and Weight</b>	
Product dimensions (W x D x H)	259 mm x 248 mm x 153 mm (10.2 in. x 9.76 in. x 6.02 in.)
Weight	0.739 kg (1.63 lbs) (without packaging materials) 1.44 kg (3.17 lbs) (with packaging materials)
<b>Environment and Reliability</b>	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	0 °C to +40 °C (32 °F to 104 °F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
<b>Port Specifications</b>	
LEDs	5 x atmosphere LEDs 1 x system status LED
LAN ports	4 x 10/100/1000/2500BASE-T ports 4 x 10/100/1000BASE-T ports

## / Hardware Specifications

Model	RG-EW7200BE PRO
Number of LAN/WAN ports	1 x 10/100/1000/2500BASE-T port
WAN ports	1 x 10/100/1000/2500BASE-T port
<b>Power Supply and Consumption</b>	
Power supply	DC 12 V 3 A
<b>Product Information</b>	
Warranty	3 years
<b>System Specifications</b>	
RAM	1GB

# Software Specifications

Model	RG-EW7200BE PRO
<b>Basic Configurations</b>	
LED management	Yes
Internet access mode	PPPoE, DHCP, Static IP, WISP, L2TP
Preconfiguration	Yes
Reset and keep configurations	Yes
Restoring factory defaults	Yes
Configuration backup	Yes
Local upgrade	Yes
Online upgrade	Yes
Scheduled upgrade	No
AP mode	Yes
<b>Ethernet Switching</b>	
WAN port aggregation	Yes
LAN port aggregation	Yes
Specifying the VLAN tag	Yes
<b>IP Service</b>	
Port mapping	Yes
ARP binding	Yes
Number of ARP binding entries	64
DDNS	Yes
No-IP DNS	Yes
Ruijie DDNS	Yes
NAT-DMZ	Yes
Number of port mapping entries	50

# Software Specifications

Model	RG-EW7200BE PRO
UPnP	Yes
IPv6	Yes
<b>Behavior Management</b>	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32
Maximum number of parental control policies	32
Selecting clients from the client list to block their access to the Internet	Yes
Specifying MAC addresses of controlled clients	Yes
<b>Ethernet Interface</b>	
MAC address cloning	Yes
VLAN-based IPTV	Yes
<b>Flow Control</b>	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
<b>IPTV/VLAN</b>	
Multiple IPTV ports	Yes
<b>Multicast</b>	
IGMP proxy	Yes
IGMP snooping	Yes Note: Not supported by wired connections when IPTV is turned on
<b>Network Management and Monitoring</b>	

# Software Specifications

Model	RG-EW7200BE PRO
Line detection	Yes
Arabic	Yes
Chinese (Hong Kong Traditional)	Yes
Chinese (Simplified)	Yes
English	Yes
Indonesian	Yes
Italian	Yes
Russian	Yes
Spanish (Latin America)	Yes
Thai	Yes
Turkish	Yes
Vietnamese	Yes
Ruijie Cloud management	Yes
Scheduled device restart	Yes
eWeb login password length	8 to 63 characters
Wired repeater mode	Yes
Wireless repeater mode	Yes
WISP mode	Yes
<b>Rate Limiting</b>	
Client-based rate limiting	Yes
<b>Reyee Mesh 3.0</b>	
Reyee Mesh 3.0	Yes
Automatic switching between wired and wireless repeater mode	Yes

# Software Specifications

Model	RG-EW7200BE PRO
Recommended hop count	2
Maximum number of clients	192
Maximum number of devices	32
<b>Security</b>	
Encryption mode	Yes
<b>System Performance Capacity</b>	
Maximum number of concurrent clients	128 (2.4 GHz) 256 (5 GHz)
Recommended number of concurrent clients	16 (2.4 GHz) 64 (5 GHz)
IPTV/IGMP client capacity	5
IPTV/IGMP multicast capacity	5
IPTV/IGMP wired forwarding performance	25 Mbps
Recommended camera limit	6 (2.4 GHz) 16 (5 GHz)
<b>VPN</b>	
Number of concurrent tunnels supported by the OpenVPN server	8
Certificate authentication	Yes
OpenVPN bandwidth	13 Mbps
OpenVPN client	Yes
OpenVPN server	Yes
Server domain name configuration	Yes
Username and password authentication	Yes
Number of concurrent tunnels supported by the PPTP VPN server	30
PPTP VPN client	Yes

## Software Specifications

Model	RG-EW7200BE PRO
PPTP VPN server	Yes
<b>Wireless Configuration</b>	
Guest Wi-Fi	Yes
<b>WLAN</b>	
1024-QAM	Yes
OFDMA	Yes
MLO	Yes
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	64
SSID hiding	Yes

## Package Contents

<b>Model</b>	<b>RG-EW7200BE PRO</b>
<b>Accessories</b>	
<b>Ethernet cable</b>	1
<b>Power adapter</b>	1
<b>Device</b>	
<b>Device</b>	1
<b>Manual</b>	
<b>User Manual</b>	1
<b>Warranty Card</b>	1

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