# 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

/ Highlight Features

Make Barriers None
Make Distance Zero

Introducing the RG-EW7200BE PRO, a cutting-edge ⌐WIFI7 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.
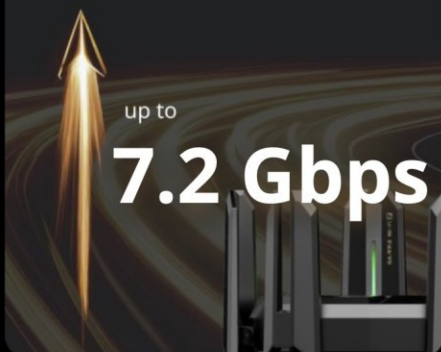
Make Barriers None, Make Distance Zero

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.

up to
7.2 Gbps

Multi-Link Operation

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

5 GHz

2.4 GHz

Multi-Link Operation

Faster Speed，Lower Latency

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

2.5G WAN

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.
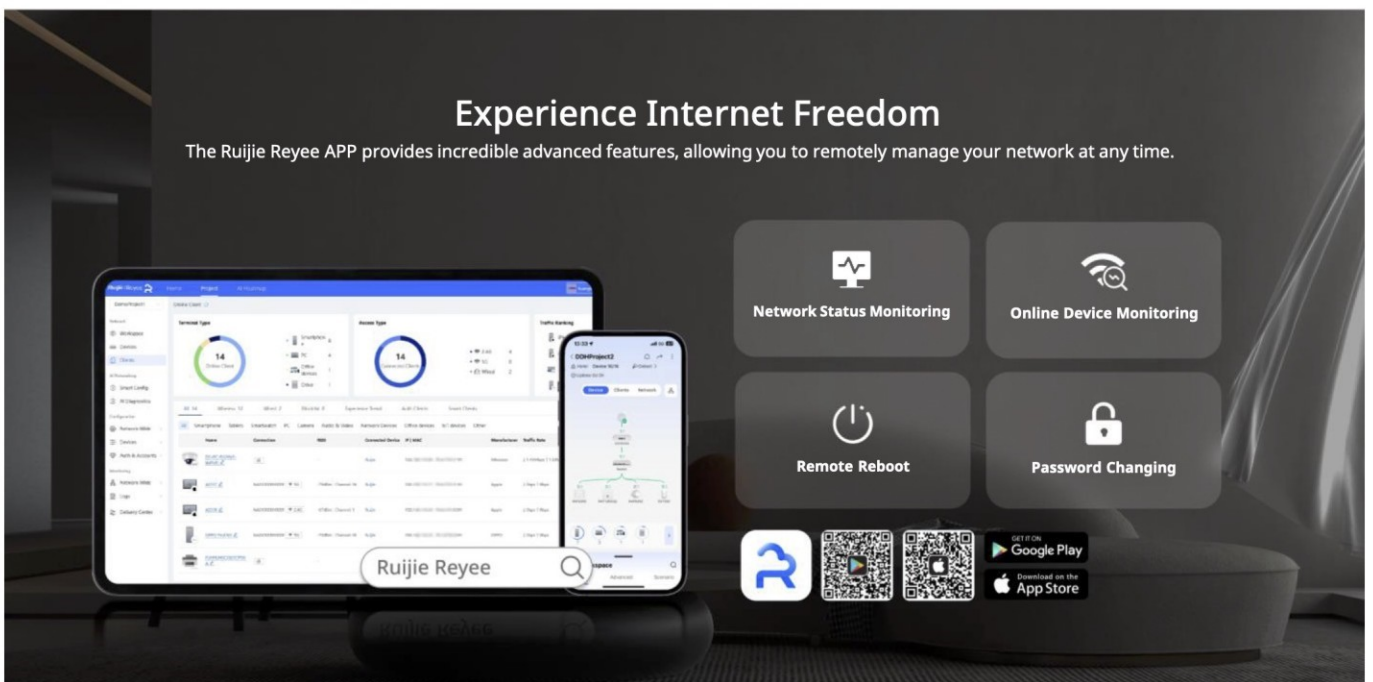
/ Highlight Features

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.

Network Status Monitoring

Online Device Monitoring

Remote Reboot

Password Changing

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/ Hardware Specifications

Model	RG-EW7200BE PRO
Wi-Fi Radio	
Operating band	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
FEM	2.4GHz: iPA 5GHz: EPA
Max. Wi-Fi Speed	2.4 GHz, 1377 Mbps 5 GHz, 5765 Mbps
Maximum transmit power	2.4 GHz: 802.11b: 22 dBm 802.11g: 6 Mbps 22 dBm; 54 Mbps 20 dBm 802.11n: MCS0 22 dBm; MCS7 19 dBm 802.11ac: MCS0 22 dBm; MCS9 18 dBm 802.11ax: MCS0 22 dBm; MCS11 16.5 dBm 802.11be: MCS0 25 dBm; MCS13 15.5 dBm 5 GHz: 802.11a: 6 Mbps 26 dBm; 54 Mbps 22 dBm 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 802.11ax: MCS0 26 dBm; MCS13 17 dBm Note: The transmit power varies according to regulations in different countries and regions.
MIMO	2.4 GHz, 4 x 4 5 GHz, 4 x 4
Wi-Fi standard	Wi-Fi 7 (IEEE 802.11be)
Antenna	
Antenna	9 x external antennas
Antenna gain (2.4 GHz)	4 dBi
Antenna gain (5 GHz)	5 dBi
Certification and Regulatory Compliance	
Certification	CE, CB
Dimensions and Weight	
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.)

/ Hardware Specifications

Model	RG-EW7200BE PRO
Weight	0.739 kg (1.63 lbs) (without packaging materials) 1.44 kg (3.17 lbs) (with packaging materials)
Environment and Reliability	
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)
Port Specifications	
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
Number of LAN/WAN ports	1 x 10/100/1000/2500BASE-T port
WAN ports	1 x 10/100/1000/2500BASE-T port
Power Supply and Consumption	
Power supply	DC 12 V 3 A
Product Information	
Warranty	3 years
System Specifications	
RAM	1GB

Software Specifications

Model	RG-EW7200BE PRO
Basic Configurations	
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
Ethernet Switching	
WAN port aggregation	Yes
LAN port aggregation	Yes
Specifying the VLAN tag	Yes
IP Service	
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
Behavior Management	
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
Ethernet Interface	
MAC address cloning	Yes
VLAN-based IPTV	Yes
Flow Control	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
IPTV/VLAN	
Multiple IPTV ports	Yes
Multicast	
IGMP proxy	Yes
IGMP snooping	Yes Note: Not supported by wired connections when IPTV is turned on
Network Management and Monitoring	

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
Rate Limiting	
Client-based rate limiting	Yes
Reyee Mesh 3.0	
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
Security	
Encryption mode	Yes
System Performance Capacity	
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)
VPN	
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
Wireless Configuration	
Guest Wi-Fi	Yes
WLAN	
1024-QAM	Yes
MLO	Yes
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	64
SSID hiding	Yes

Package Contents

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

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Redefine your easy network