

BE7200 Wi-Fi 7 Dual Band Gigabit VolP GPON Router



GP955PVE

802.11BE WiFi 7

MLO

4096-QAM

Easymesh

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Shenzhen Comnect Technology Co., Ltd

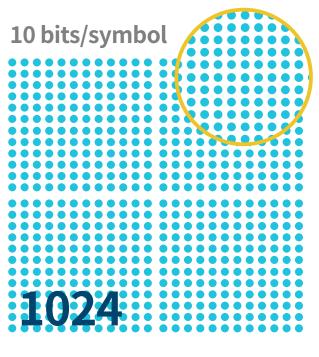
Multi-Link Operation Higher Speed, Lower Latency, More Reliable

Before WiFi 7, transmissions were limited to one band, such as 2.4 GHz or 5 GHz. Multi-Link Operation* (MLO) allows a device to simultaneously connect on multiple bands, enabling faster speeds by aggregating bandwidth, with more reliable WiFi connections on multiple concurrently used bands. Connecting to multiple bands in this manner also enables seamless switching — a process that automatically allocates data to the most suitable band, to reduce latency.

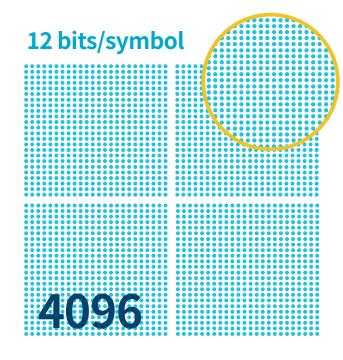


4K-QAM Packs 120% Data for Higher Speeds

To further enhance peak rates, WiFi 7 adopts a higher-order modulation scheme: 4096-QAM. This enables each symbol to carry 12 bits rather than 10 bits, which means 20% higher theoretical transmission rates than WiFi 6's 1024-QAM. A higher transmission rate allows users to obtain higher transmission efficiency. Now you can watch flawless 4K/8K videos, play massive online games without lag, or live stream from your home computer. With 4096-QAM, streaming just got that much better.



802.11ax



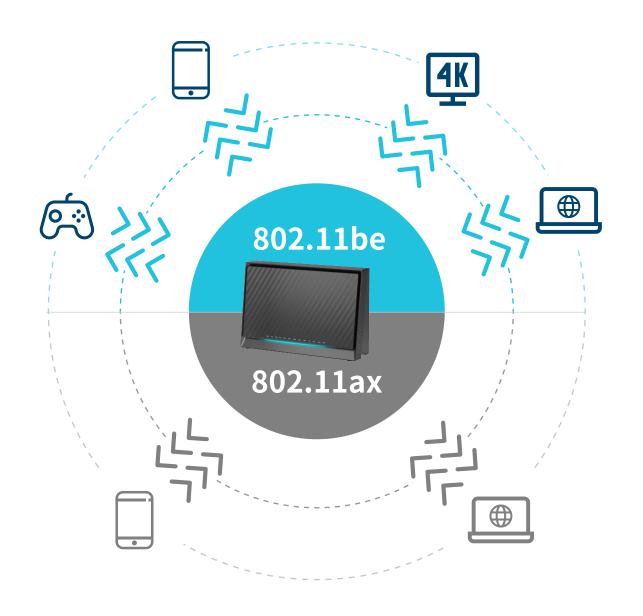
802.11be



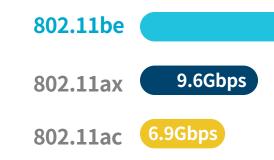
BE7200 Wi-Fi 7 Dual Band Gigabit VoIP GPON Router

Double the Streams, Double the Capacity 4×4 MU-MIMO

GP955PVE has 4 spatial streams, to meet the growing traffic demands generated by the increasing number of WiFi devices. The theoretical physical transmission rate is thus doubled compared with WiFi 6. With WiFi 7's 4 streams, every device has enough bandwidth to run smoothly.



Extremely High Throughput up to 46 Gbps $4.8 \times Faster$



5 gigabit network ports for Full Multi-Gigabit Connectivity

One 2.5 Gbps and four gigabit ports maximizes home internet speeds . 5 gigabit network ports make GP955PVE an ideal solution for future-proofing your home network.





GP955PVE < BE7200 Wi-Fi 7 Dual Band Gigabit VoIP GPON Router



46Gbps

Specifications

General

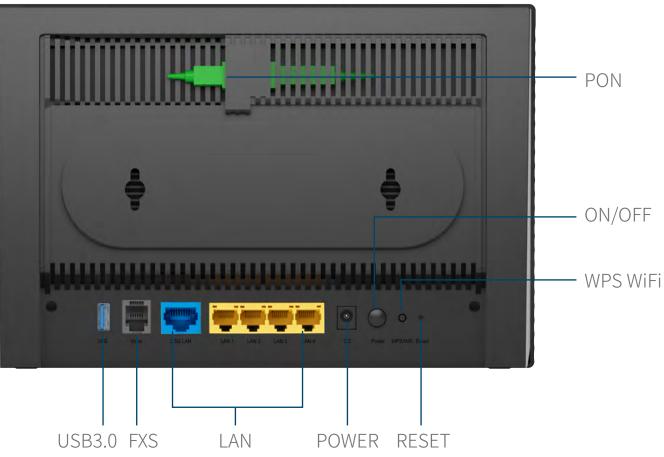
• GPON Standards: ITU-T G.984

- Distance: 20Km Max
- Data Rates: Upstream:1.25Gbps, Downstream:2.5Gbps
- Wireless Standards: IEEE 802.11be/ax/ac/n/a 5 GHz IEEE 802.11be/ax/n/b/g 2.4 GHz
- Signal Rate: 5 GHz: 5764 Mbps(802.11be), 2.4 GHz: 1376 Mbps(802.11be)
- Operation Frequency: 2.4GHz & 5GHz
- Wireless Security: WEP, WPA, WPA2, WPA2 Mixed, WPA3, WPA3 Mixed
- VOIP Standards: SIP (RFC3261), ITU-T G.729/G.722/G.711a/G.711

Hardware

- Interfaces: 1 x SC/APC GPON Port

 - 1 x USB3.0
- Buttons: Power ON/OFF Button, WPS/WiFi Button, Reset Button
- Power Supply: DC 12V 2.5A
- Antenna: 3 x 3dBi internal antennas
- Dimensions (W X D X H): 264.2*176.8*73.5mm





- 1 x 2.5G port, 4 x 10/100/1000Mbps LAN Ports
- 1 x FXS Port

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Specifications

Software Features

- WAN Type: Dynamic IP/Static IP/PPPoE
- DHCP: Server, Client, DHCP Client List, Address Reservation
- Quality of Service: WMM, Bandwidth Control
- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ
- VLAN: 802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode
- Access Control: Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
- Firewall Security:DoS, SPI Firewall
 - IP Address Filter/MAC Address Filter/Domain Filter
 - IP and MAC Address Binding
- VOIP Features: Two RJ-11 FXS ports for connecting to analog telephones Call forwarding,
 - Call waiting, Call block, 3-way conference call, etc.
- Management: Access Control
 - Local Management
 - Remote Management
- Internet Protocol: IPv4, IPv6

Environment

Package Contents

- 1 x GPON Router
 - 1 x Quick Installation Guide
 - 1 x Power Adapter

Certifications

• CE, RoHS

• Operating Temperature: 0°C~40°C (32°F~104°F) • Storage Temperature: -40°C~70°C (-40°F~158°F) • Relative Humidity: 10%~90%, non-condensing • Storage Humidity: 5%~95%, non-condensing

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