

AC1200 Wireless Dual Band Gigabit GPON Router

GP742GR-V2











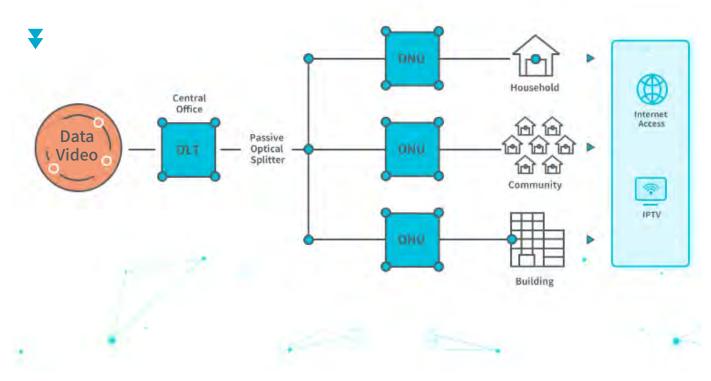
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Shenzhen Comnect Technology Co., Ltd

Access to Fiber Optical Network

Support downstream 2.5Gbps and upstream to 1.25Gbps with transmission distance up to 20km. Higher bandwidth support makes it possible to integrate and provide more additional services with the same device.



Easy Remote Management

GP742GR-V2 support the ONT Management and Contol Interface (OMCI), making it easy to configure, activate and manage remotely from an Optical Line Terminal(OLT).







AC1200 Wireless Dual Band Gigabit GPON Router



Extreme wireless speed of up to 1200Mbps

The GP742GR-V2 supports 900 Mbps on the 5GHz band and 300 Mbps on the 2.4GHz band, is ideal for multi-user household. With GP742GR-V2, all of your family members can play video games, listen to music, check email, shop, stream movies, and more-all simultaneously and without lag or buffering.



All-in-one Device

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GP742GR-V2 is an one-stop solution that make everything of your home connected. GP742GR-V2 integrates the functionality of GPON ONU, NAT router, access point and 4-port switch into one device, which can satisfy your multiple needs simultaneously and save your cost of purchasing additonal devices.











Greater Coverage with External Antennas

The GP742GR-V2's two high performance external antennas ensure full home Wi-Fi coverage. Combined with a dual band wireless network, its increased stability and range means you will no longer suffer from weak, dropped connections.



Full Gigabit Wired

With two gigabit LAN ports, speeds can be up to 10x faster than standard Ethernet connections. The GP742GR-V2 can provide robust and extremely fast connections to all of your favorite wired devices, including game consoles, smart TVs, DVRs, and more.

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Manage Your Network with Advanced Features

The GP742GR-V2 supports various advanced settings including QoS, IPv6, parental controls, guest network, and many other features. Use these advanced features to build a network that is only customized for you.





Specifications

General

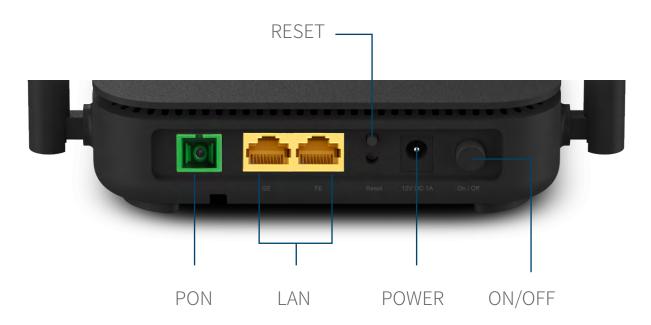
- GPON Standards: ITU-T G.984
- Distance: 20Km Max
- Data Rates: Upstream:1.25Gbps, Downstream:2.5Gbps
- Wireless Standards: IEEE802.11a/n/ac,5GHz, IEEE802.11b/g/n,2.4GHz
- Signal Rate: 5GHz: Up to 900Mbps, 2.4GHz: Up to 300Mbps
- Operation Frequency: 2.4GHz & 5GHz
- Reception Sensitivity:

5GHz 11a 6Mbps: -96dBm, 11a 54Mbps: -79dBm 11ac HT20: -71dBm, 11ac HT40: -66dBm, 11ac HT80: -63dBm, 11n HT20: -72dBm, 11n HT40: -71dBm 2.4GHz 11g 54M: -77dBm 11n HT20: -74dBm, 11n HT40: -72dBm

• Wireless Security: WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption

Hardware

- Power Supply: DC 12V 1A
- Dimensions (W X D X H): 210 x 150x 32mm





• Interfaces: 1 x SC/APC GPON Port, 2 x 10/100/1000Mbps LAN Port, • Buttons: Power ON/OFF Button, Reset Button • Antenna: 2 x 5dBi fixed external dualband antennas



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
- VPN: 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
- 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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