

AC1200 Wireless Dual Band Gigabit VoIP GPON Router

GP742GVH











Extreme wireless speed of up to 1200Mbps

The GP742GVH supports 900 Mbps on the 5GHz band and 300 Mbps on the 2.4GHz band, is ideal for multi-user household. With GP742GVH, 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

GP742GVH is an one-stop solution that make everything of your home connected. GP742GVH comes with 11ac Wi-Fi standard, offering total data transfer speeds achieving up to 1200Mbps, with 900Mbps over the clearer 5GHz channel, and 300Mbps over the 2.4GHz Channel.

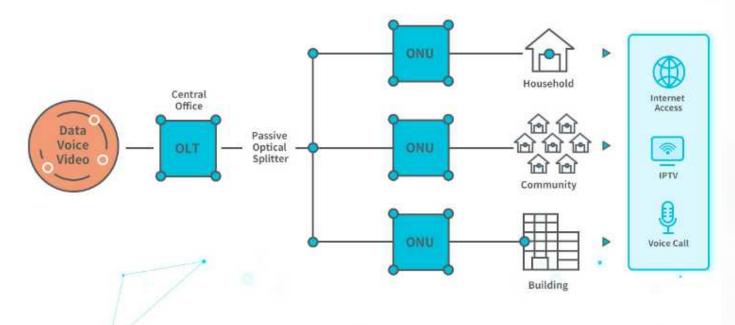






Access to Fiber Optical Network

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

GP742GVH support the ONT Management and Contol Interface (OMCI), making it easy to confiqure, activate and manage remotely from an Optical Line Terminal (OLT).









Full Gigabit Wired

With two gigabit LAN ports, speeds can be up to 10x faster than standard Ethernet connections. The GP742GVH can provide robust and extremely fast connections to all of your favorite wired devices, including game consoles, smart TVs, DVRs, and more.



Supports VoIP Calls

With a FXS ports, users can make or receive phone calls over the Internet simply by connecting the device to their existing telephone set.



Manage Your Network with Advanced Features

The GP742GVH 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

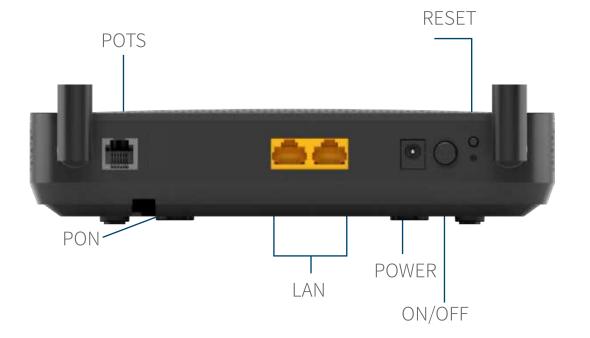
11n HT20: -74dBm, 11n HT40: -72dBm

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

• VOIP Standards: SIP (RFC3261), ITU-T G.729/G.722/G.711a/G.711

Hardware

- Interfaces: 1 x SC/APC GPON Port, 2 x 10/100/1000Mbps LAN Port, 1 x FXS Port
- Buttons: Power ON/OFF Button, Reset Button
- Power Supply: DC 12V 1.5A
- Antenna: 2 x 5dBi fixed external dualband antennas
- Dimensions (W X D X H): 199*133*41mm





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

- VOIP Features: One 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

- 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

Package Contents

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

Certifications

CE, RoHS