comnect.

AC1200 Wireless Gigabit VoIP CATV GPON Router

GP742GVF

Dual Band | VoIP | CATV CATV | IP IPv6

Shenzhen Comnect Technology Co., Ltd

Extreme wireless speed of up to 1200Mbps

The GP742GVF supports 900 Mbps on the 5GHz band and 300 Mbps on the 2.4GHz band, is ideal for multi-user household. With GP742GVF, 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.

HD

IPTV

300Mbps
2.4GHz

900Mbps
5GHz

All-in-one Device

GP742GVF is an one-stop solution that make everything of your home connected. GP742GVF 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.

2-Port Switch

Access Point

VoIP Device

GPON

NAT Router

GPON that deliver Cable TV service

The RF port combines the functionality of the cable modem and broadband router into one single device, allowing providers to deliver high quality cable television service without adding an additional cable modem.

Service Provider

Voice

Data

Video

Internet Access

IPTV

VoIP

CATV

RF

LAN Port

RES

comnect.
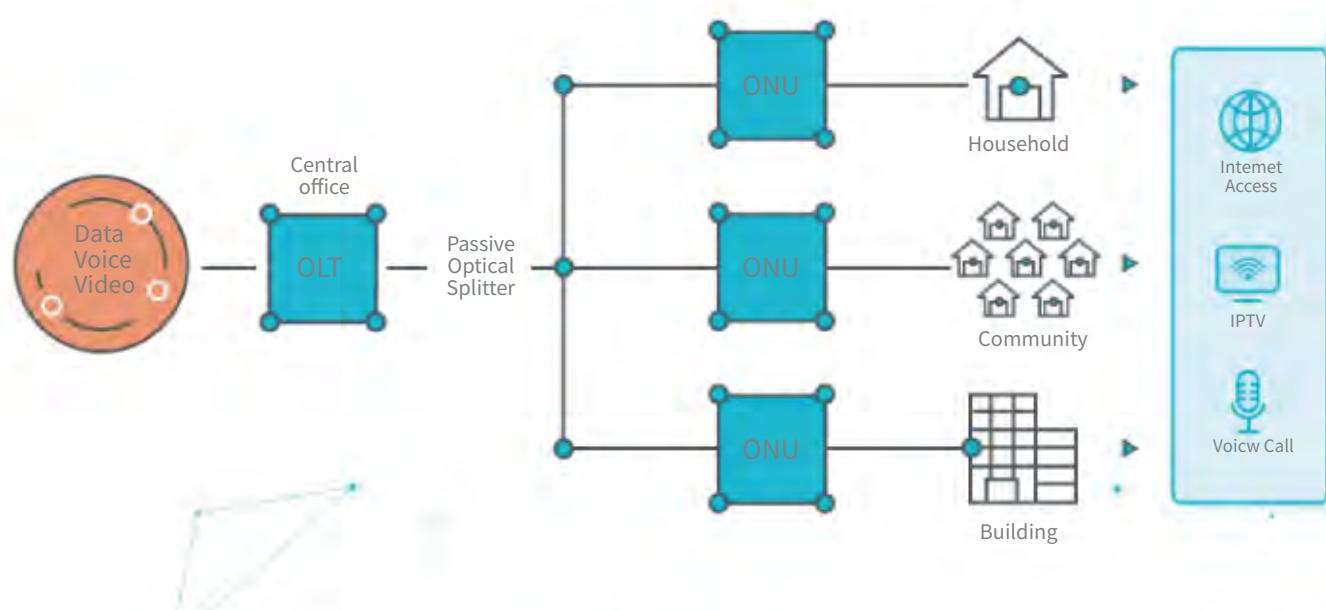
Access to Fiber Optical Network

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

GP742GVF 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 GP742GVF 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 GP742GVF 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
- **CATV Module:**

  Light reflection loss: >45dB

  Input optical power: -18dBm～0dBm

  RF bandwidth: 47MHz~1000MHz

  RF output level: 78dBuV (@-12~-2dBm@85MHz)

  Output reflection loss: >12dB 47MHz~1000MHz

Hardware

- **Interfaces:** 1 x SC/APC GPON Port, 2 x 10/100/1000Mbps LAN Port, 1 x FXS Port, 1 x RF Port
- **Buttons:** Power ON/OFF Button, WPS/WiFi Button, Reset Button
- **Power Supply:** DC 12V 1A
- **Antenna:** 2 x 5dBi fixed external dualband antennas
- **Dimensions (W X D X H):** 202 x 128x 35mm

POTS   POWER   WPS/WiFi

PON   CATV   LAN   ON/OFF   RESET

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