



The Smartest Network Device

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300Mbps Wireless VoIP GPON Router

Model No. **GH4202**



GPON Network



VoIP



300Mbps



USB for Sharing

➤ Overview

300Mbps Wireless VoIP GPON Router

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GH4202 is a next generation Gigabit Passive Optical Network(GPON) Integrated Access Device (IAD), designed for Fiber to The Home(FTTH) requirement. It is an incredibly robust all-in-one device allowing you to access high speed Internet via GPON port and share 300Mbps Wi-Fi speed. With one FXS port, users can make VoIP calls easily by connecting the device to existing telephone set.



➤ Features

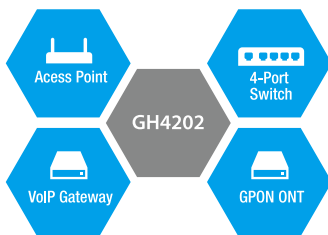
- Complies with ITU-T G.984.1, ITU-T G.984.2, ITU-T G.984.3 and ITU-T G.984.4.
- 1*SC/UPC GPON interface, 3*gigabit LAN ports, 1*gigabit port for IPTV, 1*FXS port for VoIP.
- Up to 300Mbps data rate for Wi-Fi network.
- One USB2.0 port for easy file sharing.
- Provides 64/128-bit WEP, WPA / WPA2 and WPAPSK / WPA2PSK security.
- Downstream rate up to 2.5Gbps and upstream rate up to 1.25Gbps.
- Supports GPON adaptive mode to meet different FTTH requirement.
- Supports OMCI (ONT Management Control Interface) remote management.
- Supports VoIP calls.
- High speed data forwarding.
- Supports remote diagnosis to accurately locate error.



Selling point

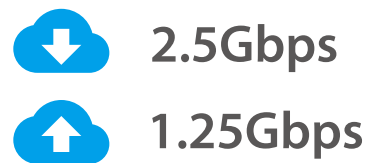
➤ All-in-One Device

Combined GPON ONT, Wireless Access Point, 4-port Switch and VoIP Gateway into one device providing a one-stop high speed networking solution.



➤ Incredibly Fast Data Transfer

Delivering up to 2.5Gbps downstream and 1.25Gbps upstream data rate.



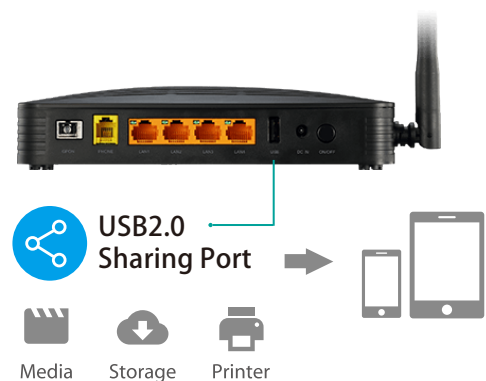
➤ 300Mbps Wireless Speed

Fully meet home Wi-Fi requirement, idea for downloading, online gaming and HD video streaming.



➤ USB 2.0 port

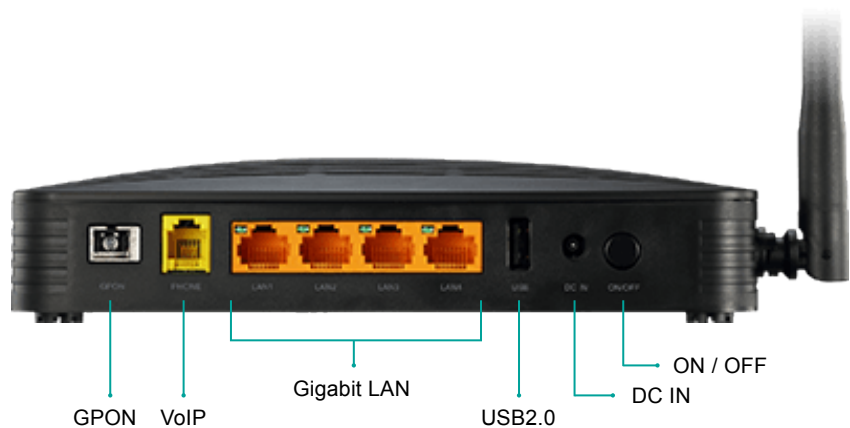
One multi-functional USB 2.0 port is provided to share files, media and printer throughout the network.



Specification

Hardware

Interface	- 4*10/100/1000Mbps LAN ports - 1 *SC/UPC GPON port - 1 *VoIP port
Power Supply Button	- 1*USB2.0 port - 12V DC / 1.5A - 1 *Power ON/OFF button - 1 *Wi-Fi ON/OFF button - 1 *Turbo button - 1 *WPS button - 1 *Reset button
LED Indicator	- 1 *Power, 1 *GPON, 1*Wireless, 1*Phone, 4*LANs, 1*LOS, 1*USB, 1*Turbo, 1*Internet
Data Rate	- Upstream: 1.25Gbps - Downstream: 2.5Gbps
GPON Standards	- ITU-T G.984.1, G.984.2, G.984.3, G.984.4
Distance	- Up to 20Km
Dimensions (L x W x H)	- 7.9 x 5.9 x 1.6 in. (202 x 149.8 x 41.5 mm)



Wireless

Standards	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
RF Frequency	- 2.4~2.4835GHz
EIRP	< 20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Wireless Functions	- Basic Setting, WDS Bridge, WMM

Specification

Software

Quality of Service Security	- Distinguishes priority, Different Transmission Queues - MAC / IP / URL Filtering, Denial of Service, SYN Flooding, Ping of Death, IP & MAC Address Binding
WAN Connection Type IPv6	- PPPoE/DHCP/Static IP - IPv6 and IPv4 dual stack
Management	- OMCI Management, Web Based Configuration, Firmware Upgrade
VoIP Standard	- SIP (RFC3261), ITU-T G.729, G.711a/u, G.711
VoIP Function	- VoIP Calls, Fax

Others

Package Contents	- GH4202 GPON Router *1 - Power Adapter *1 - Ethernet Cable *1
Environment	- Operating Temperature: 0℃~40℃ (32℉~104℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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Wireless VoIP GPON Router