HG7124GAX

XPON HGU
4GE+VOIP+WIFI6(2.4G+5G)+2USB

Product Introduction:

HG7124GAX is launched to be oriented to multi-service integration network as an optical network unit device, which belongs to XPON HGU terminal for FTTH/O scenario. It configures four 10/100/1000Mbps ports,WiFi6(2.4G+5G) port, one POTS port that providing with high-speed data services.

Features:

- Compliant with IEEE 802.3ah(EPON) & ITU-T G.984.x(GPON) standard
- Compliance with IEEE802.11b/g/n/ax 2.4G & IEEE802.11a/n/ac/ax 5G WIFI standard
- Support IPV4 & IPV6 Management and transmission
- Support TR-069 remote configuration and maintenance
- Support Layer 3 gateway with hardware NAT
- Support Multiple WAN with Route/Bridge mode
- Support Layer 2 802.1Q VLAN, 802.1P QoS, ACL etc
- Support IGMP V2 and MLD proxy/ snooping
- Support DDNS, ALG, DMZ, Firewall and UPNP service
- Support POTS interface for VOIP service
- Support bi-directional FEC

Highlights:

- Support docking compatibility with OLT of various manufacturers
- Support automatically adapt to the EPON or GPON mode used by the peer OLT
- Support 2.4GHz and 5GHz dual band WIFI
- Support multiple WIFI SSID
- Support Easy Mesh WIFI function
- Support WIFI WPS function
- Support multiple wan configuration
- Support WAN PPPoE/DHCP/Static IP/Bridge mode.
- Support fast transmission of hardware NAT
- Support OFDMA, MU-MIMO,1024-QAM

Hardware Specifications:----------

- interface: 1* G/EPON+4*GE+2.4G/5G WLAN+1*FXS
- Power adapter input: 100V-240V AC, 50Hz-60Hz
- Power Supply: DC 12V/1.5A
- Indicator light: POWER/PON/LOS/LAN1/ LAN2 /LAN3/LAN4/FXS/2.4G/5G
- Button: Power switch Button, Reset Button, WLAN Button, WPS Button
- Power Consumption: <18W
- Working temperature: -20℃～+50℃
- Environment humidity: 5% ~ 95% (non-condensing)
- Dimension：180mm x 122mm x 28mm (L×W×H Without antenna)
- Net Weight：0.28Kg

PON Interface: ----------

- Interface Type: SC/UPC, CLASS B+
- Transmission distance: 0～20km
- Working wavelength: Up 1310nm； Down 1490nm
- RX Optical power sensitivity: -27dBm
- Transmission rate:
  GPON: Up 1.244Gbps； Down 2.488Gbps
  EPON: Up 1.244Gbps； Down 1.244Gbps

Ethernet Interface : ----------

- Interface type：4* RJ45
- Interface parameters：10/100/1000BASE-T

Wireless: ----------

- Interface type: External 2*2T2R External antenna
- Antenna gain: 5dBi
- Interface maximum rate:
  2.4G WLAN： 573.5Mbps
  5G WLAN： 1201Mbps
- Interface working mode:
  2.4G WLAN：802.11 b/g/n/ax
  5G WLAN：802.11 a/n/ac/ax

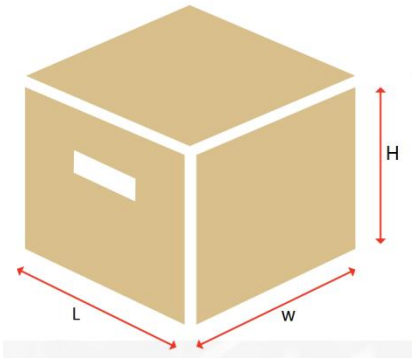
POTS Interface: ----------

- Interface type: FXS , RJ11 connector
- Support G.711 codec

Packing list: ----------

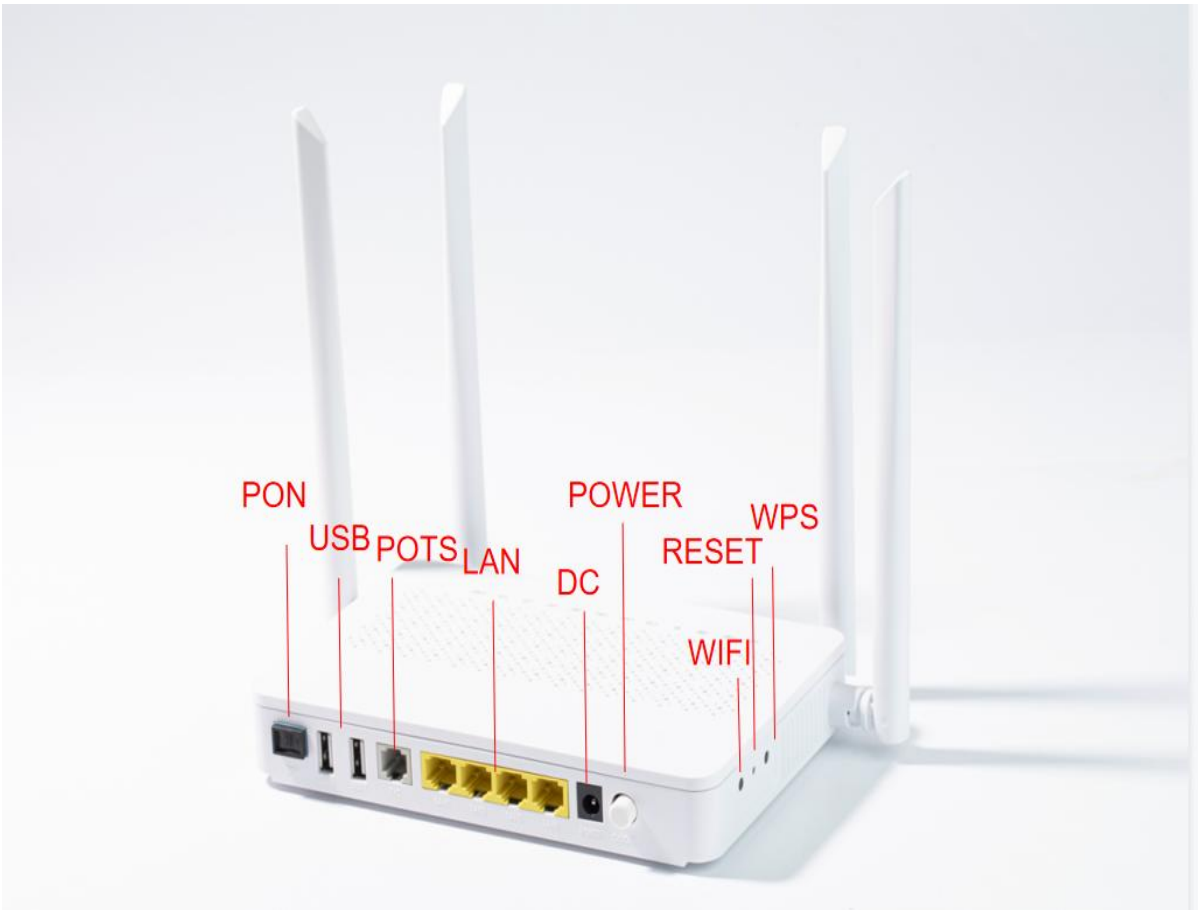
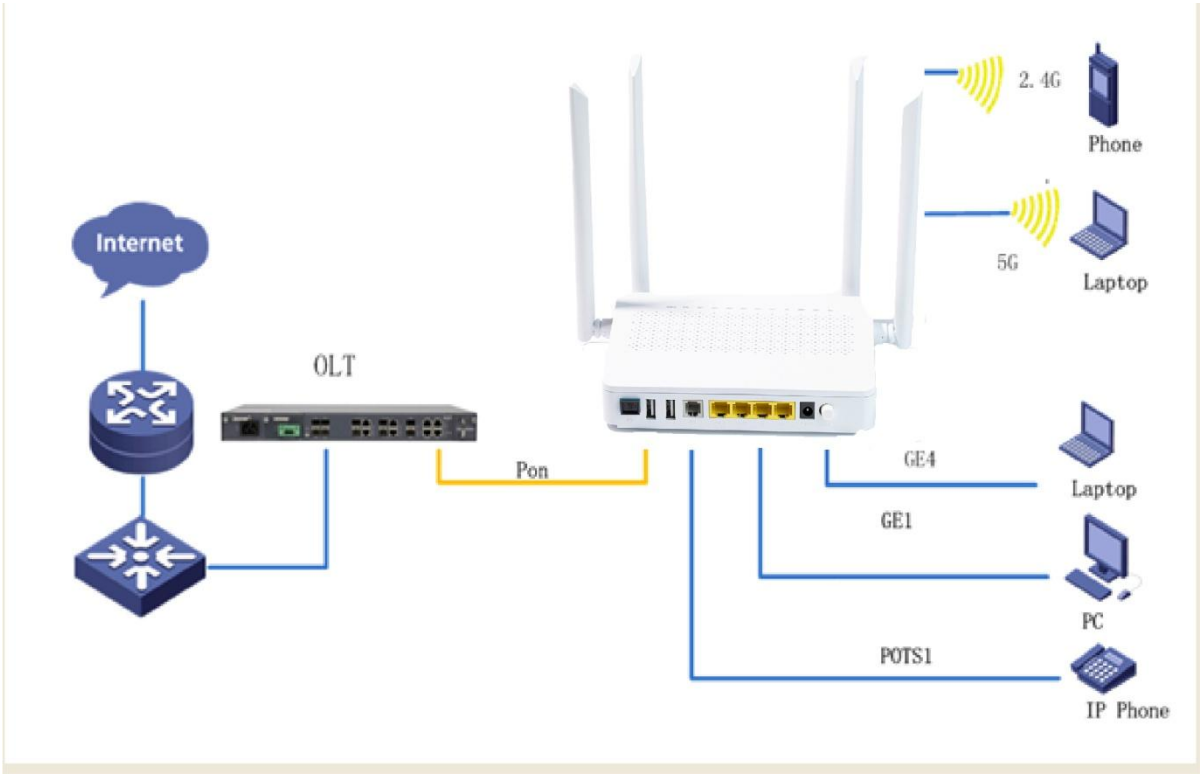
ONU * 1 PC
Power adaptor *1 PC
Network cable *1 PC
Box *1 PC

Packing size: ----------



Measurement: 27.1 * 25.5 * 5.5 cm, 0.49kg

Interface and Button: ----------



Application Scenario: ----------