

XPON HGU 4GE+VOIP+WIFI6 AX3000

ONT-VU4630H



ONT-VU4630H 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, two USB ports and one POTS port that providing with high-speed data services.

Feature

- Support docking compatibility with OLT of various manufacturers
- Support automatically adapt to the EPON or GPON mode used by the peer OLT
- Support 2.4G and 5G Hz dual band WIFI
- Support multiple WIFI SSID
- Support EasyMesh 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
- 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

Hardware Specifications:

Interface: 1* G/EPON+4*GE+2.4G/5G
WLAN+1*FXS+2*USB
Power adapter input: 100V-240V AC, 50Hz-60Hz
Power Supply: DC 12V/1.5A
Indicator light: POWER/PON/LOS/LAN1/ LAN2 /LAN3/LAN4/WIFI/WPS/USB2/USB1/FXS
Button: Power switch Button, Reset Button, WLAN Button, WPS Button
Power Consumption: <18W
Working temperature: -20℃ ~+55℃
Environment humidity: 5% ~ 95%
(non-condensing)
Dimension: 180mm x 122mm x 28mm
(L×W×H Without antenna)
Net Weight: 0.41Kg

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: 574Mbps
5G WLAN: 2402Mbps
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