

# UB5042 GVWD

4GE+2POTS+1USB3.0+WiFi5

**DUAL BAND WIFI**



ZTE XPON Chipset  
+ MTK Wi-Fi Chipset



WiFi 5 Dual  
Band



IPv4/IPv6 Dual Stack

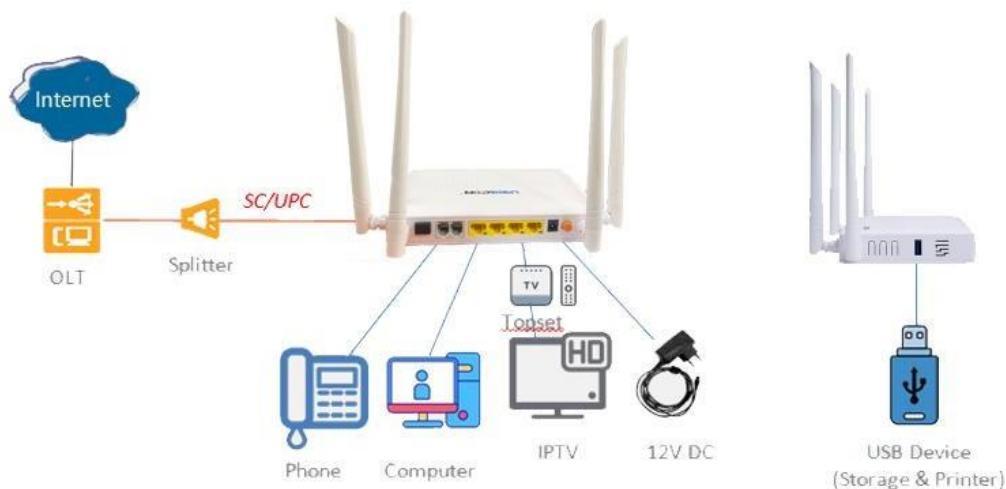


USB 3.0 Interface  
For Shared

## Product Description

4GE+2POTS+WiFi5 XPON HGU terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators. These boxes are based on the mature Chipset (ZTE+MTK) technology, which have high ratio of performance to price, and the technology of IEEE802.11b/g/n/ac WiFi, Layer 2/3, and high quality VoIP as well. Support full management of HGU devices through UBIQCOTM OLT. They are highly reliable and easy to maintain, with guaranteed QoS for different service. And they are fully compliant with technical regulations such as IEEE802.3ah, ITU-T G.984.x and technical requirement of GPON Equipment.

### Application Chart:



## PRODUCT FEATURES AND SPECIFICATIONS

# UB5042 GVWD xPON ONU

### Hardware Parameter

Dimension	205mm×140mm×37mm(L×W×H)
Net weight	0.32Kg
Operating condition	Operating temp:0 ~ +55°C Operating humidity:5 ~ 90% (non-condensed)
Storing condition	Storing temp: -30 ~ +60°C Storing humidity: 5 ~ 90% (non-condensed)
Power adapter	DC 12V,1.5A, external AC-DC power adaptor
Power supply	≤10W
Interface	4GE+2POTS+USB3.0+WiFi5
Indicators	PWR,PON ,LOS,WAN,WiFi,FXS, ETH1~4,WPS,USB

### Function Data

Management	<ul style="list-style-type: none"><li>• WEB/TELNET/OAM/OMCI/TR069</li><li>• Support private OAM/OMCI protocol and Unified network management of VSOL OLT</li></ul>
Internet connection	Support Routing Mode
Multicast	IGMP v1/v2/v3, IGMP snooping
VoIP	<ul style="list-style-type: none"><li>• SIP and IMS SIP</li><li>• G.711a/G.711u/G.722/G.729 Codec</li><li>• Echo cancellation,VAD/CNG,DTMF Relay</li><li>• T.30/T.38 FAX</li><li>• Caller Identification/Call Waiting/Call Forwarding/Call Transfer/Call Hold/3-way Conference</li><li>• Line testing according to GR-909</li></ul>
WiFi	<ul style="list-style-type: none"><li>• Support Frequency:2.4 GHz,5GHz</li><li>• IEEE 802.11a/n/ac Wi-Fi@ 5GHz(2x2)</li><li>• IEEE 802.11b/g/n Wi-Fi@2.4GHz(2x2)</li><li>• Multiple SSIDs for each band</li><li>• WEP/WPA-PSK(TKIP)/WPA2-PSK(AES) Security</li></ul>
L2	802.1D&802.1ad bridge, 802.1p Cos,802.1Q VLAN
L3	IPv4/IPv6, DHCP Client/Server,PPPoE, NAT,DMZ, DDNS
Firewall	Anti-DDOS, Filtering Based on ACL/MAC /URL

### Interface parameter

PON Interface	<ul style="list-style-type: none"><li>• 1XPON port(EPON PX20+ and GPON Class B+)</li><li>• SC single mode, SC/UPC connector</li><li>• TX optical power: 0~+4dBm</li><li>• RX sensitivity: -27dBm</li><li>• Overload optical power: -3dBm(EPON) or -8dBm(GPON)</li><li>• Transmission distance: 20KM</li><li>• Wavelength: TX 1310nm, RX1490nm</li></ul>
User interface	<ul style="list-style-type: none"><li>• 4×GE, Auto-negotiation,RJ45 ports</li><li>• 2×POTS, RJ11 Connector</li></ul>
Antenna	4 ×5dBi external antennas
USB	1×USB 3.0 for Shared Storage/Printer

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