

Connect Faster & Easier Than Ever



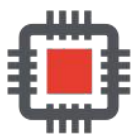
E/GPON (XPON) ONU



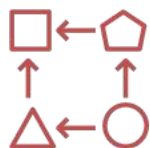
UB5020 GW

1GE+1FE+WIFI

SINGLE BAND WIFI



Realtek Chipset
High Performance
Solution



XPON Dual Mode
Automatically Access
to EPON/GPON



WiFi IEEE802.11b/g/n
2T2R 5dBi Antenna



Powerful Firewall



Product Description

1GE+1FE+WiFi 4 XPON ONT UB5020 GW is based on mature and stable, cost-effective XPON technology. It can switch automatically with EPON and GPON when it access to the EPON OLT or GPON OLT. And it's based on comes with high performance Realtek chipset(RLT9603C) which multi-function feature ensures stable, efficient and fast connection.

UB5020 GW is designed as HGU (Home Gateway Unit) in deferent FTTH solutions by UBIQCOM, The carrier-class FTTH application provides data service access. It adopts high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance of the module of China Telecom EPON CTC3.0 and GPON Standard of ITU-TG.984.X.

XPON mode

Dual Mode , Can access EPON/GPON mainstream OLTs

Uplink mode

Bridging and Routing Mode.

PRODUCT FEATURES AND SPECIFICATIONS

Hardware Parameter

Dimension	185mm×120mm×34mm (L×W×H)
Net weight	0.24Kg
Operating condition	<ul style="list-style-type: none"> Operating temp: 0 ~ +50°C Operating humidity: 10 ~ 90% (non-condensed)
Storing condition	<ul style="list-style-type: none"> Storing temp: -30 ~ +60°C Storing humidity: 10 ~ 90% (non-condensed)
Power adapter	DC 12V, 1A, external AC-DC power adaptor
Power supply	≤7W
Interfaces	1GE+1FE+WiFi4
Indicators	POWER、LOS、PON、GE、FE、WiFi

Interface Parameter

PON interface	<ul style="list-style-type: none"> 1 XPON port(EPON PX20+ & GPON Class B+) SC single mode, SC/UPC connector TX optical power: 0~+4dBm RX sensitivity: -27dBm Overload optical power: -3dBm(EPON) or -8dBm(GPON) Transmission distance: 20KM
WIFI interface	<ul style="list-style-type: none"> IEEE802.11b/g/n (TX power:17dBm/16dBm/15dBm), Up to 300Mbps 2T2R, 5dBi external antenna Support 13 Channels
LAN interface	1*GE+1*FE,Auto-negotiation, RJ45 ports

Function Data

Firewall	Filtering Based on ACL/MAC/URL.
Layer2	802.1D&802.1ad bridge,802.1p Cos,802.1QVLAN.
Layer3	IPv4/IPv6 , DHCP Client/Server , PPPoE ,NAT ,DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	<ul style="list-style-type: none"> WEB/TELNET/OAM/OMCI Support private OAM/OMCI protocol Unified network management of VSOL OLT.
WiFi	<ul style="list-style-type: none"> Authentication:WEP/WAP-PSK(TKIP)/WAP2- PSK(AES). Support multiple SSID

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