

2.2 Hardware Specifications

Items	Description		Comments
Main Chipset	ZX279128S+MT7603E+MT7613BEN		
CPU	1000Mhz		
DDR	512MB		
FLASH	256MB		
WiFi	802.11 a/b/g/n/ac 2.4GHz & 5.8GHz, 2T2R		
Interface (Front Panel)	LED Display	PWR	Power status: On: The ONU is power on; Off: The ONU is Power off;
		LOS	Fiber optical signal: On: Optical power lower than receiver sensitivity ; Off: Optical in normal
		PON	ONU registration: On: Success to register to OLT; Blinking: In process of registering to OLT; Off: In process of registering to OLT;
		TEL	Telephone port status: On: The connection between the telephone port and the voice server has been set up; Blinking: The voice service of the telephone port is established; Off: The connection between the telephone port and the voice server is no set up.
		1~4	LAN1~LAN4 Ethernet port status: On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection isn't set up.
		WiFi	WiFi: Blinking: Data is being transmitted On: WiFi function opens
		WPS	WPS: Blinking: WPS function is being paired On: WPS function opens
		USB-1~USB-2	USB-1~USB-2 port status: On: USB connection is normal; Blinking: Data is being transmitted through the USB port; Off: USB connection isn't set up
		Others	None
Interface (Rear Panel)	Ethernet Port	4* 10/100/1000 Mbps	LAN1~LAN4
	RJ11 Port	1	Telephone port
	USB	2*USB2.0	

Items	Description		Comments
	Power Switch	1	
	Reset	1	
	WPS	1	
	Antenna	External 2*5dbi	
	Others	None	
Interface (Side Panel)	LED Switch	0	
	Others	None	
Power Adaptor	AC IN	100 ~ 240V AC	
	DC OUT	12V, 1.0A	
	Operation Temperature	0~40 °C	
Cabinet	Cabinet Materials	Normal ABS	
	Cabinet Size	170*170*30mm	
Packaging	Normal Packaging		
Accessories	Power Adaptor	1	
	Ethernet Cable	1	
	User Manual	1	
	Others	None	
Operating Temperature	0-50 degrees Celsius; should meet customer requirement		
Humidity Parameters	<95%; should meet customer requirement		

2.3 Software Features

Items	Description	Comments
GPON/EPON Basic	Support ITU-T G.984.1/2/3/4 Support 8 Tcont, 128 Gemport Support FEC (Forward Error Correction) downstream and upstream Support SBA/DBA Support Dying-gasp Support OMCI/PLOAM	
	Support IEEE 802.3ah Support loop-detection function Support port / VLAN binding	
Management	WEB /TR069/TELNET/CLI	
DHCP	Support DHCP Server Support DHCP Relay	
WLAN	Support Frame aggregation Support Host sleep(AP mode) Support Airtime Fairness(QoS) Support WFA WPA/WPA2,WPS2.0,WAPI Support 802.11w protected managed frames Support WFA WMM, WMM PS Support WIFI Direct Support 8 SSIDs	
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN translation mode	

Items	Description	Comments
	Support VLAN QinQ mode	
Multicast	Support IGMPv1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping	
QOS	Support 8 queues Support SP and WRR Support 802.1P Support DSCP	
Security	Support Firewall Support Mac filter Support ACL Support URL filter Support ARP multicast filter	
VOIP	Support SIP protocol Support Voice coding: ITU-T G.711/G.722/G.729 Support Fax over IP Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length Support high/low speed fax/Modem, bypass fax, and T.38 fax Support InBand / RFC2833/SIP INFO, MD5 authentication, call forward, call waiting, hot-line call, and all kinds of value-added voice service. Multi-party conferencing Support Voice Activity Detection and Comfort Noise Insertion	
L3	Support IPv4、 IPv6 and IPv4/IPv6 dual stack,DS-Lite Support DHCP/PPPOE/Statics Support Static route Support NAT Support Bridge, Route ,Route and Bridge mixed mode Support DMZ Support DNS Support ALG Support UPnP	
Other	Support image backup	

2.4 Outlook/Housing



Note: Plastic, 170*170*30mm

2.5 Power Adaptor

Note: Standard should meet customer requirement; 12V, 1.0A

2.6 Accessories

PSU*1

Pon*1

Manul*1