

ZX127GB

4GE AC1200 GPON HGU



Descriptions

The ZX127GB is a gigabit dual-band GPON with the 802.11ac technology, compatible with IEEE 802.11b/g/n and IEEE 802.11a networks. The Wi-Fi 2.4g maximum rate is 300Mbps and 5G maximum rate is 867Mbps. The full gigabit network ports enhance the home Internet experience, maximize the bandwidth at home, and make your wireless connection faster and wider to meet the needs of the booming multimedia applications.

Features

- GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink link speed ;
- 4x 10/100/1000BASE-T Ethernet RJ45 Ports ;
- Support Voip;
- Support 802.11n 2T2R speed up to 300Mbps ;
- Support 802.11ac 2T2R speed up to 866.7Mbps ;

Specifications	
CPU	900MHz Mips 1004Kc with dual-core
Chip model	EN7528HU
Memory	NAND FLASH 1Gbit(128MB)/DDR3 2Gbit (256MB)
WiFi Chip	2.4G&5G: MTK7592+MTK7613
Bob Driver	EN7571
GPON Protocol Specification	<p>Comply ITU-T G.984 GPON standard:</p> <p>G.984.1 general characteristics</p> <p>G.984.2 physical Media Dependent (PMD) layer specifications</p> <p>G.984.3 transmission convergence layer specifications</p> <p>G.984.4 ONT management and control interface specification</p> <p>Support DS/US transmission rate to 2.488 Gbps/1.244 Gbps</p> <p>Wavelength: 1490 nm downstream & 1310 nm upstream</p> <p>Comply with class B+ type PMD</p> <p>Physical distance reach to 20 km</p> <p>Support Dynamic Bandwidth Allocation (DBA)</p> <p>GPON Encapsulation Method (GEM) supports Ethernet packet</p> <p>Supports GEM header removal/insertion and data extraction/segmentation (GEM SAR)</p> <p>Configurable AES DS and FEC DS/US</p> <p>Support up to 8 T-CONs each with priority queues (US)</p>
Network Protocol Specifications	<p>802.3 10/100/1000 Base T Ethernet</p> <p>ANSI/IEEE 802.3 NWay auto-negotiation</p> <p>802.1Q VLAN tagging/un-tagging</p> <p>Support flexible traffic classification</p> <p>Support VLAN staking</p> <p>Support VLAN Intelligent Bridging and Cross Connect mode</p>
Interface	<p>WAN: One Giga optical interface (APC or UPC)</p> <p>LAN: 4*10/100/1000 auto MDI/MDI-X RJ-45 ports</p>

	Voip:1*RJ-11 port USB:1*USB2.0
LED Indicators	Power, PON, LOS, INTERNET, 2.4GWLAN, 5GWLAN , LAN1-4, USB, FXS, WPS
WiFi Rate	2.4G: 802.11n with 300Mbps 5G: 802.11ac with 866.7Mbps
Frequency Band	2.4 GHz frequency band 40MHz and 5.8 GHz frequency band 80MHz
Buttons	WPS/Reset/WLAN
Antennas	2.4G/5G 4dbi dual-band external antenna
Power Supply	DC12V 1.5A
Product Size	204.7X121.4X37.7 mm(length X width X height)
Work Environment	Working temperature: 0°C—40°C Working humidity: 5—95%
Security	WPA/WPA2, 64/128 bit WEP data encryption Firewall, Dos Protection
WAN Networking	Static IP WAN connection DHCP client WAN connection PPPoE WAN connection
VOIP	G.711A/μ, G.729, and G.722 encoding/decoding T.30/T.38/G.711 fax mode DTMF /Emergency calls (with the SIP protocol)
Management	Standard OMCI (G.984.4) Web GUI (HTTP/HTTPS) Firmware upgrade via FTP/TFTP/HTTP Telnet, Web, SSH CLI command via telnet/console Configuration backup/restore TR069
Certification	CE/WiFi certification