

AZ547G

4GE+10GE XGS-PON SFU





 **Descriptions**

The AZ547G is a 10GE XGSPON fiber optic modem, which is designed to meet the FTTH ultra-wide band access requirements of home and SOHO users. It supports NAT / firewall and other functions. It is based on stable and mature GPON technology with high cost-performance and layer 2 Ethernet switch technology. It is reliable and easy to maintain, guarantees QoS, and fully conforms to ITU-T g.9807 XGSPON standard.

 **Features**

● XGS-PON WAN port with 10Gbps uplink / 10Gbps downlink link speed;

● 1x 10/100/1000/2.5G/5G/10G BASE-T Ethernet RJ45 Ports;

● 4x 10/100/1000BASE-T Ethernet RJ45 Ports ;





 **Specifications**

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| AZ547G Specifications |
| CPU | Dual-Core ARM Cortex-A55 at 1.0GHz |
| Chip model | RTL9615C |
| Memory | NAND FLASH 1Gbit(128MB)/DDR4 4Gbit（512MB） |
| Bob Driver | GN28L98 |
| PON Protocol Specification | The XGS-PON(10G/10G)ITU-T G.9807.1 MAC supports the following featuresSupports data rate of:~10Gbps(9953 Mbps)downstream.~10Gbps(9953Mbps) upstream. Up to 256 GEM port-IDs.Up to 40 AlloclDs. Ranging and activation process support. Downstream characteristics:-Downstream AES-128 encryption and key exchange process. -Downstream FECRS(248216).-Dedicated independent queues for PLOAM and CPU packets.Upstream characteristics:-Upstream AES-128 encryption and key exchange process. -Upstream FECRS(248216.)-Normal queues for PLOAM and CPU.Support ToD synchronization perITU-TG.9807.1.Support ONU power saving operation perITU-TG.9807.1. |
| Network Protocol Specifications | ANSI/IEEE 802.3 NWay auto-negotiation 802.1D bridgingVLAN TranslationIP ToS/DSCP to 802.1p mappingClass of Service based on UNI, VLAN-ID, 802.1p bit, and combinationMarking/remarking of 802.1pIGMP v2/v3 snooping and IGMP snooping with proxy reportBroadcast/Multicast rate limiting |





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|  | 802.1Q VLAN tagging/un-taggingSupport flexible traffic classificationSupport VLAN Intelligent Bridging and Cross Connect mode  |
| Interface | WAN: 1\*10G optical interface (APC)LAN: 1\*10/100/1000/2.5G/5G/10G auto MDI/MDI-X RJ-45 portsLAN：4\*10/100/1000M auto MDI/MDI-X RJ-45 ports |
| LED Indicators | Power, PON/ LOS, INTERNET, 10G LAN, LAN4-LAN1 |
| Power Supply | DC12V 1.0A |
| Security | Firewall, Dos Protection |
| WAN Networking | Static IP WAN connection DHCP client WAN connection PPPoE WAN connection  |
| Management | Standard OMCI (G.988)Web GUI (HTTP/HTTPS)Firmware upgrade via FTP/TFTP/HTTPTelnet, Web, SSHCLI command via telnet/consoleTwo-level administration privilege for web configurationConfiguration backup/restoreTR069 |
| Product Size | 150X115X36mm(length X width X height) |
| Work Environment | Working temperature: 0°C—40°CWorking humidity: 5—95% |





 **Applications**



## 未标题-3 **Contact us**

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