

## Descriptions

The AZ535G 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 10M/100M/1G BASE-T Ethernet RJ45 Ports ;
- 1x 2.5G/5G/10G BASE-T Ethernet RJ45 Ports ;



# Specifications

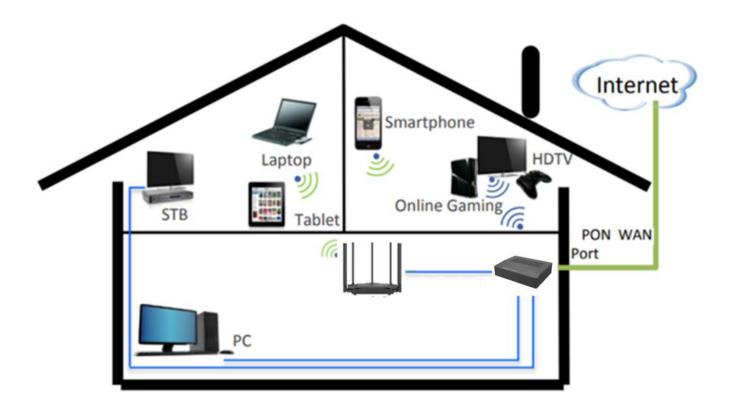
AZ535G 10GE Specifications	
CPU	1.3GHz Mips 1004Kc with dual-core
Chip model	EN7580ST
Memory	NAND FLASH 1Gbit(128MB)/DDR3 2Gbit (256MB)
Bob Driver	EN7573
PON Protocol Specification	The XGS-PON(10G/10G)ITU-T G.9807.1 MAC supports the following features
	Supports data rate of:
	~10Gbps (9953 Mbps) downstream.
	~10Gbps(9953Mbps) upstream: Up to 256 GEM port-IDs.
	Up to 40 AllocIDs.
	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 bridging
	VLAN Translation
	IP ToS/DSCP to 802.1p mapping
	Class of Service based on UNI, VLAN-ID, 802.1p bit, and combination
	Marking/remarking of 802.1p
	IGMP v2/v3 snooping and IGMP snooping with proxy report
	Broadcast/Multicast rate limiting



	802.1Q VLAN tagging/un-tagging
	Support flexible traffic classification
	Support VLAN Intelligent Bridging and Cross Connect mode
Interface	WAN: 1*10G optical interface (APC)
	LAN: 1*10M/100M/1G auto MDI/MDI-X RJ-45 ports
	1*2.5G/5G/10G auto MDI/MDI-X RJ-45 ports
LED Indicators	Power, XGS-PON, LOS, INTERNET, 10GE, GE
Power Supply	DC12V 1.0A
Product Size	150X115X35mm (length X width X height)
	Working temperature: -0°C—40°C
Work Environment	Working humidity: 5—95%
Security	Firewall, Dos Protection
	Static IP WAN connection
WAN Networking	DHCP client WAN connection
	PPPoE WAN connection
Management	Standard OMCI (G.988)
	Web GUI (HTTP/HTTPS)
	Firmware upgrade via FTP/TFTP/HTTP
	Telnet, Web, SSH
	CLI command via telnet/console
	Two-level administration privilege for web configuration
	Configuration backup/restore
	TR069
	CE/WiFi certification



## Applications



### **Contact us**

#### AZROAD TECHNOLOGY COMPANY LTD.

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