



GPOLT-3608-2TE-2AC-B

Layer 3 - 8 Port GPON OLT

Highlights

- Compact design, meets various application scenarios
Supports the deployment in diverse scenarios including low density areas, remote areas, sparsely-populated areas and industry parks.
Supports FTTM and sharing site/rack with wireless base stations.
- Carrier-class security protection, support dynamic routing protocol RIP&OSPF, ensure the safe operation of network
Supports uplink redundancy protection including LACP STP, RSTP and MSTP, and support RIP&OSPF protocol. Supports link protection.
- Small size and lightweight, easier to delivery and install
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Supports multiple installation modes, like limited room space, basement, low-voltage room and small rack or cabinet.
- Lower TCO
Dramatically saves on investment fees in trunk fibers, pipe engineering, and facilities. Effectively reduce CapEx and OpEx.

Technical Specifications

	Item	GPOLT-3608-2TE-2AC-B
Chassis	Rack	1U 19Inch StandardBox 8 4 2 2 8 SFP Slots Class (Class C++/Class C+++)
	QTY	1:128 1*10/100/1000BASE-T out-band
GE/10GE Uplink Port	RJ45(GE)	port, 1*CONSOLE port, 1*USB2.0
	SFP(GE)	104 47.616
	SFP+(10GE)	20KM Upstream 1.244Gbps, Downstream 2.488Gbps TX
	QTY	1490nm, RX 1310nm SC/UPC 9/125μm SMF
GPON Port	Physical Interface	+4.5~+10dBm ≤-30dBm -12dBm
	Connector Type	EMS, TR069 VACS, WEB, SNMP, Telnet , CLI
	Max splitting ratio	
Management Ports		
Backplane Bandwidth (Gbps)		
Port Forwarding Rate(Mpps)		
	Transmission Distance	
	GPON port speed	
	Wavelength	
PON Port Specification (Class C+++module)	Connector	
	Fiber Type	
	TX Power	
	Rx Sensitivity	
	Saturation Optical Power	
ManagementMode		
Management Function	DHCP	
•SNMP,Telnet,CLI,WEB,SSH v2;	•DHCP server,DHCP relay,DHCP snooping	•Support VLAN division and user separation to avoid broadcast storm
•Fan Group Control	•DHCP option82	•Support power-off alarm function, easy for link problem detection
•Port Status monitoring and configuration management		•Support broadcasting storm resistance function
•Online ONT configuration and management	Layer 3 Route	•Support port isolation between different ports
•User management	• ARP proxy	•Support ACL and SNMP to configure data packet filter flexibly
•Alarm management	•4096 hardware Host Routes, 512 hardware Subnet Routes	•Specialized design for system breakdown prevention to maintain stable system
Layer2 Switch	•Support 802.1X, Radius, Tacacs+	•Support RSTP, IGMP Proxy
• 32K Mac address	• Support IP source guard	
•Support 4096 VLANs	•Support static route, dynamic route RIP v1/v2, RIPv2 and OSPF v2/v3;	
•Support port VLAN and protocol VLAN		
•Support VLAN tag/Untag, VLAN transparent transmission	IPv6	Dimension (L*W*H)
•Support VLAN translation and QinQ	•Support NDP;	• 442mm*220mm*43.6mm
•Support storm control based on port	• Support IPv6 Ping, IPv6 Telnet, IPv6 routing;	Weight
• Support port isolation	•Support ACL based on source IPv6 address, destination IPv6 address, L4 port, protocol type, etc;	•Netweight of single power: 4.05kg
•Support port rate limitation	•Support MLD v1/v2 snooping (Multicast Listener Discovery snooping)	•Grossweight of single power: 5.65kg
•Support 802.1D and 802.1W		Power Consumption
•Support static LACP, Dynamic LACP		•45W
•QoS based on port, VID, TOS and MAC address	GPON Function	Working Temperature
• Access control list	• Tcont DBA	• 0°C~+50°C
•IEEE802.x flow control	•Gempport traffic	Storage Temperature
•Port stability statistic and monitoring	•In compliant with ITU-T984.x standard	• -40~+85°C
Multicast	•Up to 20KM transmission Distance	Relative Humidity
• IGMP snooping	•Support data encryption, multi-cast, port VLAN, separation, RSTP, etc	• 5~90%(non-conditioning)
•2048 IP Multicast Groups;	•Support ONT auto-discovery/link detection/remote upgrade of software	