



GPOLT-3604-4TE-2AC-B

Layer 3 - 4 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
Small size and lightweight, easy to transport and install.
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-3604-4TE-2AC-B
Chassis	Rack	1U 19Inch StandardBox 4 2 2 4 SFP Slots Class (Class
GE/10GE Uplink Port	QTY	C++/Class C+++ 1:128 1*10/100/1000BASE-T out-band
	RJ45(GE)	port, 1*CONSOLE port, 1*USB2.0
	SFP(GE)/SFP+(10GE)	104 47.616
GPON Port	QTY	20KM Upstream 1.244Gbps, Downstream 2.488Gbps TX
	Physical Interface	1490nm, RX 1310nm SC/UPC 9/125μm SMF
	Connector Type	+4.5~+10dBm ≤-30dBm -12dBm
	Max splitting ratio	EMS, TR069 VACS, WEB, SNMP, Telnet, CLI
Management Ports		
Backplane Bandwidth (Gbps)		
Port Forwarding Rate(Mpps)		
PON Port Specification (Class C+++module)	Transmission Distance	
	GPON port speed	
	Wavelength	
	Connector	
	Fiber Type	
	TX Power	
	Rx Sensitivity	
	Saturation Optical Power	
Management Mode		

Management Function

- SNMP,Telnet,CLI,WEB,SSH v2;
- Fan Group Control
- Port Status monitoring and configuration management
- Online ONTconfiguration and management
- User management
- Alarm management

Layer2 Switch

- 32KMac address
- Support 4096 VLANs
- Support port VLAN and protocol VLAN
- Support VLAN tag/Un-tag, VLAN transparent transmission
- Support VLAN translation and QinQ
- Support storm control based on port
- Support port isolation
- Support port rate limitation
- Support 802.1D and 802.1W
- Support static LACP,Dynamic LACP
- QoS based on port, VID, TOS and MAC address
- Access control list
- IEEE802.x flowcontrol
- Port stability statistic and monitoring

Multicast

- IGMPsnooping
- 2048IP Multicast Groups;

DHCP

- DHCP server,DHCP relay,DHCP snooping
- DHCP option82

Layer 3 Route

- ARPproxy
- 4096hardware Host Routes,512hardware Subnet Routes
- Support 802.1X,Radius,Tacacs+
- Support IP source guard
- Support static route ,dynamic route RIP v1/v2,RIPngand OSPF v2/v3;

IPv6

- Support NDP;
- Support IPv6 Ping,IPv6 Telnet,IPv6 routing;
- Support ACL based on source IPv6 address, destination IPv6 address, L4 port, protocol type, etc;
- Support MLD v1/v2 snooping(Multicast Listener Discovery snooping)

GPON Function

- TcontDBA
- Gemport traffic
- In compliant with ITU-T984.x standard
- Up to 20KM transmission Distance
- Support data encryption, multi-cast, port VLAN, separation, RSTP, etc
- Support ONT auto-discovery/link detection/remote upgrade of software

- Support VLAN division and user separation to avoid broadcast storm
- Support power-off alarm function, easy for link problem detection
- Support broadcasting storm resistance function
- Support port isolation between different ports
- Support ACL and SNMP to configure data packet filter flexibly
- Specialized design for system breakdown prevention to maintain stable system
- Support RSTP,IGMP Proxy

Dimension (L*W*H)

- 442mm*220mm*43.6mm

Weight

- Netweight of single power: 2.95kg
- Grossweight of single power: 4.15kg

Power Consumption

- 35W

Working Temperature

- 0°C~+50°C

Storage Temperature

- -40~+85°C

Relative Humidity

- 5~90%(non-conditioning)