




## > Features:

- Provides 4GE (copper)
- 4SFP/4SFP+ slots independent interface for uplink
- 4\*EPON OLT ports for downstream.
- It can support 256 ONUs under 1:64 splitter ratio

## > Specifications:

Item	GOPON 4OLT L	
Chassis	Rack	1U 19 inch standard box
1000M Uplink	QTY	8
Port	Copper	4*10/100/1000M auto-negotiation
	SFP (independent)	4*SFP/4*SFP+
EPON Port	QTY	4
	Physical Interface	SFP Slots
	Connector Type	1000BASE-PX20+
	Max splitting ratio	1:64
	Management Ports	1*10/100BASE-T out-band port,
	1*CONSOLE port	
PON Port Specification	Transmission Distance	20KM
	EPON port speed	Symmetrical 1.25Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Connector	SC/PC
	Fiber Type	9/125μm SMF
	TX Power	+2~+7dBm
	Rx Sensitivity	-27dBm
	Saturation Optical Power	-6dBm
Management Mode	SNMP, Telnet and CLI	
Management Function	Fan Group Detecting; Port Status monitoring and configuration management; Layer2 switch configuration such as VLAN, Trunk, RSTP, IGMP, QOS, etc; EPON management function: DBA, ONU authorization AQL, QOS, etc; Online ONU configuration and management; User Management; Alarm management	
Layer2 Switch	Support port VLAN and protocol VLAN; Support 4096 VLANs; Support VLAN tag/Un-tag, VLAN transparent transmission, QinQ; Support IEEE802.3d trunk; Support RSTP; QOS based on port, VPI, TOS and MAC address; Access control list; IEEE802.x flow control; Port stability Statistic and monitoring	


**Specifications:**

Item	GOPON-4OLT-L3	
Multicast	IGMP snooping 256 IP Multicast Groups;	
DHCP	DHCP relay DHCP snooping	
Layer 3 Route	Arp proxy Static route 1024 hardware Host Routes; 512 hardware Subnet Routes;	
EPON Function	Support port-based rate limitation and bandwidth control; In compliant with IEEE802.3ah standard; Up to 20KM transmission distance; Support data encryption, multi-cast, port VLAN , separation, RSTP, etc.;Support Dynamic and width Allocation (DBA); Support ONU auto- discovery/link detection/remote upgrade of software ; Support VLAN division and user separation to avoid broadcast storm; Support various LID configuration and single LLID configuration; Different user and different service could Provide different QoS by means of different LLID channels; 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 dynamic distance calculation on EMS online;	
Support	STP, IGMP Proxy.	
Dimension (L*W*H)	442mm*200mm*43.6mm	
Weight	4.2kg	
Power Supply	220V AC	AC:90~264V, 47/63Hz
Power Consumption	30W	
Operating Environment	Working Temperature	-10~+55°C
	Storage Temperature	-40~+85°C
	Relative Humidity	5~90%(non-conditioning)