

# FASTLINK 2 PON GPON OLT



## Highlights :



Simple Design for  
Small application



Stable  
Connection



2 PON Port &  
2 SFP+ Uplink

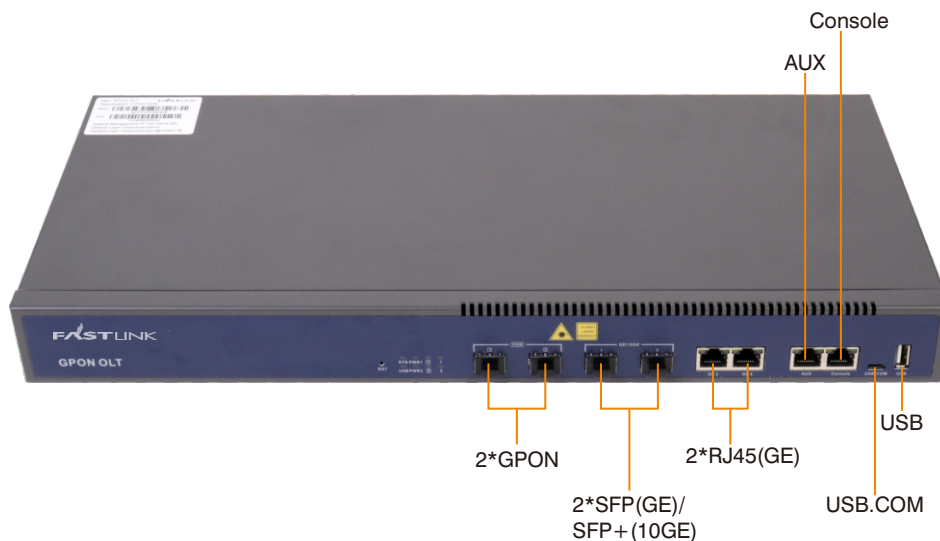


Easy Install  
Easy O&M

## Introduction:

Fastlink GPON OLT with two GPON ports that meets flexible and fast FTTx access, suiting the scenarios such as sparse/ remote/cost-sensitive area, smart industrial park, commercial building and FTTM, etc.

## Interface Description :



# FASTLINK 2 PON GPON OLT

## Technical Specifications

Item		FASTLINK 2 PON GPON OLT
Chassis	Rack	1U 19Inch Standard Box
Uplink Port	QTY	4
	RJ45(GE)	2
	SFP(GE)/SFP+(10GE)	2
GPON Port	QTY	2
	Physical Interface	SFP Slots
	Supported PON module level	Class C+ /Class C++ /Class C+++
	Max splitting ratio	1:128
Management Ports		1*10/100/1000BASE-T out-band port, 1*CONSOLE port, 1*USB-COM, 1*USB2.0
Backplane Bandwidth (Gbps)		208
Port Forwarding Rate(Mpps)		40.176
PON Port Specification (Class C+++)	Transmission Distance	20KM
	PON port speed	Upstream 1.244Gbps, Downstream 2.488Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Connector	SC/UPC
	Fiber Type	9/125µm SMF
	TX Power	+4.5~+10dBm
	Rx Sensitivity	≤ -30dBm
	Saturation Optical Power	-12dBm
Power Supply	AC	Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
	DC	Working Voltage Range: -36~-75V, Rated Voltage: -48V/-60V
Management Mode		WEB , Telnet , CLI

### Management Function

- Telnet,CLI,WEB;
- Fan Group Control
- Port Status monitoring and configuration management
- Online ONT configuration and management
- User management
- Alarm management

### Layer2 Switch

- 16K Mac address
- Support 4096 VLANs
- Support port 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

- 1K L3 Multicast Groups;

### DHCP

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

### Layer 3 Route

- ARP proxy
- 16K hardware Host Routes,1024 hardware Subnet Routes
- Support static route;

### 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

- Tcont DBA
- Gempport traffic
- In compliant with ITU-T G.984
- 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 to configure data packet filter flexibly
- Specialized design for system breakdown prevention to maintain stable system

### Dimension (L\*W\*H)

- 442mm\*200mm\*43.6mm

### Weight

- Net weight of single power 2.485kg

### Power Consumption

- 35W

### Working Temperature

- -20°C ~+60°C

### Storage Temperature

- -40~+70°C

### Relative Humidity

- 5~95% (non-condensing)