

ZISA OP1601

Single PON GPON OLT



Product Overview

Zisa OP1601 is a box-type GPON OLT with one PON port. The price of OP1601 is very attractive and the performance is very strong. The splitting ratio of its PON port is 1:128, and the farthest transmission distance is 20KM. Its uplink and downlink bandwidth is as high as: 1.25Gbps/2.5Gbps. OP1601 can be widely used in FTTH, SOHO, small business office and other application scenarios.

Main Feature

- High Performance Chipset
- Built-in PON optic C+++ module
- Mini Metal Shell
- Easy Deployment
- 10GE(SFP+) Uplink



Technical Specifications

Item		OP1601
Chassis	Rack	1U
Uplink Port	QTY	3
	RJ45(GE)	2
	SFP(GE)/SFP+(10GE)	1
GPON Port Specification	QTY	1
	Fiber Type	9/125μm SM
	Connector	SC/UPC, Class C++/Class C+++
	GPON port speed	Upstream 1.244Gbps, Downstream 2.488Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Max splitting ratio	1:128
	Transmission Distance	20KM
Management Ports		1*CONSOLE port
Backplane Bandwidth (Gbps)		60
Port Forwarding Rate(Mpps)		21.576
Management Mode		Console/WEB/Telnet/CLI
Lightning protection level	Power supply	4KV
	Device Interface	1KV

Management Function

- Telnet,CLI,WEB
- Port Status monitoring and configuration management
- Online ONTconfiguration and management
- User management
- Alarm management

Layer2 Switch

- 1K Mac address
- Support 4096 VLANs
- Support port VLAN
- Support VLAN tag/Un-tag, VLAN transparent transmission
- Support storm control based on port
- Support port isolation
- Support port rate limitation
- Support 802.1D and 802.1W
- Access control list
- IEEE802.x flowcontrol
- Port stability statistic and monitoring

GPON Function

- Tcont DBA
- Gempport traffic
- In compliant with ITU-T984.x standard
- Up to 20KM transmission Distance
- Support data encryption, multi-cast, port VLAN, separation, 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

Dimension (L*W*H)

- 210mm*173mm*43.6mm

Weight

- Net weight of single power: 1.07kg

Power Adapter

- DC 12V/2A
- AC 85~264V, 47/60Hz(Default)

Working Temperature

- -20°C ~+60°C

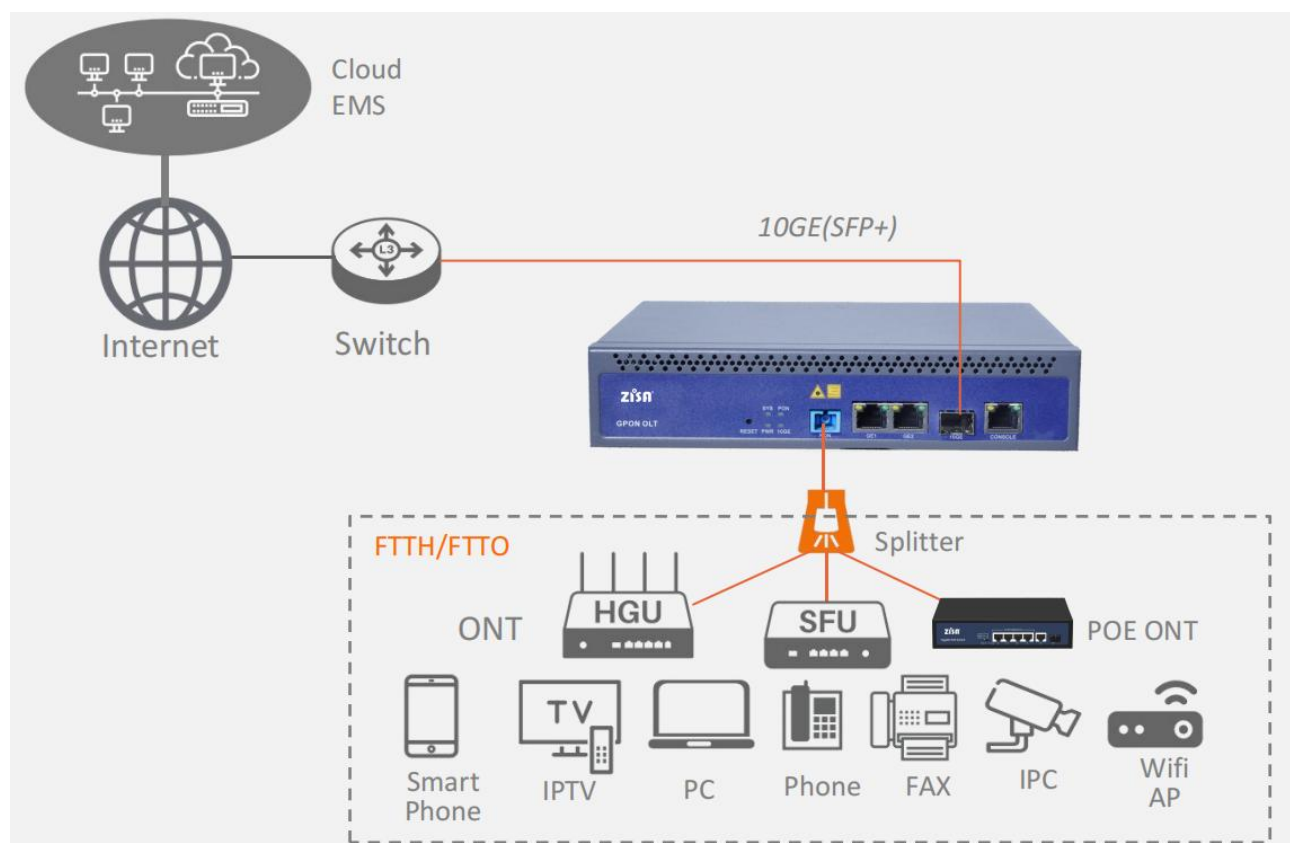
Storage Temperature

- -40~+70°C

Relative Humidity

- 5~95% (non-condensing)

Application Scenarios



Ordering Information

Product Name	Product Description	Power Configuration	Accessories
OP1601	1*GPON, 2*GE(RJ45)+1*SFP/(10G)SFP+ Uplink port, built-in C+++ module	1*AC(Default)/ 1*DC12V/1*AC+1*DC12V	Giga SFP module / 10G SFP+ module
OP1602	2*GPON,2*GE(RJ45)+2*SFP/10G(SFP+) Uplink port	1x AC (Default) / 1x DC / 1x AC+1x DC	Extra C+++ module
OP1604	4*GPON,2*GE(RJ45)+2*SFP/10G(SFP+) Uplink port	1x AC 1x DC/1x AC+1x DC	Extra C+++ module
OP1608	8*GPON,4*GE(RJ45)+2*GE(SFP)+2*10G(SFP+) Uplink port	1x AC 1x DC/1x AC+1x DC	Extra C+++ module
OP1604E	4*EPON,4*RJ45,4*(SFP+) Uplink port	1x AC 1x DC/1x AC+1x DC	Extra PX20+++ module

OLT SFP Module	C+++ for GPON OLT		
OLT SFP Module	PX20++ for EPON OLT		
10G SFP module	10G SFP+ Module MM 300meter / SM 10KM /Bidi 10KM		
ONU			
OP151S	1GE port SFP ONU GPON Stick		
OP251	1GE port XPON ONU		Power adapter
OP254WV	1GE+3FE+1POTS+2.4G Wifi XPON ONU		Power adapter
OP254V-AC	4GE+1POTS+1USB+2.4G/5G Wifi XPON ONU		Power adapter
OP354V-WIFI6	XPON 4GE+1POTs+1*WIFI 6 (2.4G&5G) AX3000M+USB XPON ONU		Power adapter
OP251-RF	1GE+1 CATV XPON ONU		Power adapter

Contact us

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