GPON OLT 4 PON PORTS 1U 19 inch HAODH 4*GE+2*GE(SFP)/10GE(SFP+)

Zion Code and Description

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7222104	GPON OLT 4 PON PORTS 1U 19 inch - HAODH 4*GE+2*GE(SFP)/10GE(SFP+)

Applications

This model of GPON OLT is a new product designed by Zion Communication, providing 4 GPON ports, 4*GE+2*GE(SFP)/10GE(SFP+) uplink ports. It has high reliability,
High density and powerful switching and routing capabilities. Is a new generation of broadband multi-service access Business integrated network OLT equipment.
Integrate with network security, support data, voice and video, and provide continuous forwarding,
Elegant restart and ring protection improve work efficiency and ensure the longest running time.
1U high 19-inch rack-mounted product, 4 PON ports, each port supports up to 128 ONUs,
The whole machine supports up to 512 ONUs. Small volume and high density OLT, easy to install,
Convenient, flexible, and easy-to-deploy high-performance broadband access network.
It can be deployed in a compact room environment, and can also be used for "triple play" VPN, network cameras, corporate LAN and ICT applications.

Features

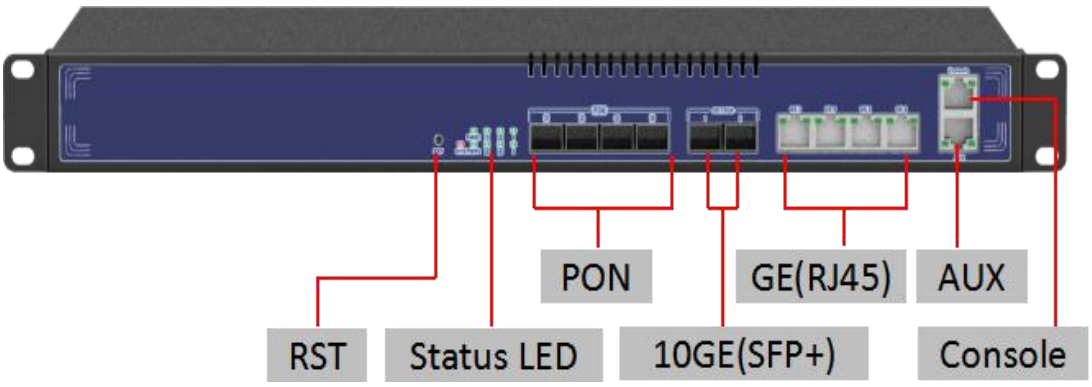
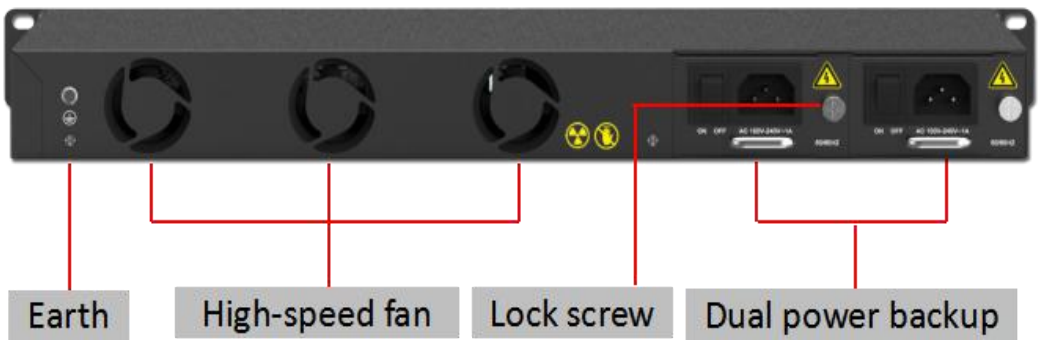
- 1U 19 inch standard chassis GPON OLT with 4PON ports
- Compliant with ITU-T G984/G.988 standards and China Telecom GPON Technical Requirements
- Friendly EMS/Web/Telnet/CLI management
- 16K Mac address
- Open to any brand of ONT
- Support 4096 VLANs, port VLAN and protocol VLAN;
- Support VLAN tag/Un-tag ,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;
- QoS based on port, VID, TOS and MAC address;
- Access control list;
- IEEE802.x flow control;
- Port stability statistic and monitoring;
- QoS based on port, VID, TOS and MAC address
- Support IGMP snooping, 256 IP Multicast Groups
- DHCP server,DHCP relay,DHCP snooping
- 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;
- Tcont DBA, Gemport traffic
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto-discovery/link detection/remote upgrade of software
- Support ONT automatically discovery, auto configuration
- Support remote software upgrade,download ONT firmware to OLT from web/tftp/ftp
- Two power supply redundancy design to improve reliability

Detailed product specifications

1.Parameters

PON standard.	GPON ITU-T G.984.x, G.988
PON interface	4*GPON SFP Ports (Class C+), Receiving sensitivity: ≤ -30dBm(Saturation Optical -12dBm). Transmitting optical power: +3～+7dBm Transmission distance: 20KM. Max splitting ratio1:128
Speed	Upstream 2.488G Downstream 1.244G
Wavelength	Tx1310, Rx 1490 nm
Uplink	4*GE(copper Ethernet)+2*GE(SFP)/ 4*10GE (SFP+) auto-detection
Layer 3	Support static route, RIP v1/v2, OSFP v2, ARP proxy
Management Ports	1*10/100BASE-T out-band port, 1*CONSOLE port
Management Mode	SNMP, Telnet, CLI, WEB
VLAN	Tag / Un-tag，VLAN transmission，QinQ
Operating condition	Operating temp: 0 ~ +50 ℃
Storing condition	Storing temp: -40 ~ +85 ℃
Humidity	5~90(non-condensing)%
Power Supply	100～240V, 47/63Hz, (DC:-48V optional) AC
Power consumption	≤45 W
Dimension	442*220*43.6（L×W×H）mm
Net weight	2.8Kg

2.Shipping packaging

Data of packaging	1pcs /ctn,5.0kg/ctn,575*380*115mm 5pcs /ctn,25.5kg/ctn,597*402*645mm

3.Detail Panel