

GPON OLT 8 PON PORTS

GPON OLT 8 PON PORTS 1U 19 inch HAOHH - 8*GE+6*GE(SFP)+2*10GE(SFP+)



Applications

This model of 8 PON PORTS GPON OLT, is a new product designed by superlink, which provides 8 GPON ports, 8 GE copper RJ45 ethernet ports, 6 SFP(GE) and 2SFP+(10GE) optical uplink ports , it has high reliability, highly dense broadband access and robust switching and routing abilities, is a new generation of broadband and multiservice access OLT devices oriented towards the service-integrated network. 8 PON PORTS OLT integrates with network security, supports data, voice and video, and provides continuous forwarding, graceful restarting and ring protection, improving the work efficiency and securing the maximum running time. Independent 1U chassis equipment with 8 PON ports, each port supports up to 128 ONUs, the whole device supports up to 1024 ONUs. Small size and high density OLT, easy to install, convenient, flexible and easy to deploy high performance broadband access network. It is appropriate to be deployed in compact room environment. The OLTs can also be used for "Triple-Play" applications.

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Features

- 1U 19 inch standard chassis GPON OLT with 8PON ports
- Compliant with ITU-T G984/G.988 standards and China Telecom GPON Technical Requirements
- L3 function, support static route, ARP proxy, hardware Host Routes, hardware Subnet Routes
- Tcont DBA, Gempport traffic
- QoS based on port, VID, TOS and MAC address(16K Mac address)
- Support VLAN tag/Un-tag, VLAN transparent transmission, QinQ
- Support IGMP snooping, IGMP Proxy
- Specialized design for system breakdown prevention to maintain stable system
- Support port-based rate limitation and bandwidth control
- Support data encryption, multi-cast, port VLAN, separation, RSTP, etc
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto-discovery/link detection/remote upgrade of software
- Support ONT automatically discovery, auto configuration
- Support ONT firmware can be auto upgraded, download ONT firmware to OLT from web/tftp/ftp
- Support SNMP, telnet, CLI, OMCI/OAM and Web management
- Support power-off alarm function, easy for link problem detection
- Support broadcasting storm resistance function
- Firewall function
- Support remote software upgrade
- Two power supply redundancy design

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Detailed product specifications

1.Parameters

PON standard.	GPON ITU-T G.984.x
PON interface	8*GPON SFP Ports (Class C+), Receiving sensitivity: ≤-30dBm(Saturation Optical -12dBm). Power, 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	8*GE(copper Ethernet)+6*GE(SFP)+ 2*10GE (SFP+) auto-detection
Layer 3	Support static route, ARP proxy, hardware Host Routes, hardware Subnet Routes
Management Ports	1*10/100BASE-T out-band port, 1*CONSOLE port
Management Mode	SNMP、Telnet、CLI、WEB、SSH v1/v2
Backplane	128 Gbps
MAC table	16 K
Operating condition	Operating temp: 0 ~ +55 °C
Storing condition	Storing temp: -40 ~ +85 °C
Humidity	5~90(non-condensing)%
Power Supply	100~240V, 47/63Hz, (DC:-48V optional) AC
Power consumption	≤45 W
Dimension	442*200*44 (L×W×H) mm
Net weight	3.1Kg

2.Shipping packaging

Data of packaging	1pcs /ctn,7kg/ctn,575*500*115mm 5pcs /ctn,35kg/ctn,645*597*525mm
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3.Detail Panel

