

# GPON OLT

GPON OLT, 8 x 10/100/1000M , 6 x GE (SFP) , 2 x 10GE(SFP+)



## FEATURE

- 1U 19 inch standard chassis GPON OLT with 8 PON ports
- Compliant with ITU-T G984/G.988 standards and China Telecom GPON Technical Requirements
- 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 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



## OVERVIEW

FO-7308GF GPON OLT, 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.

FO-7308GF 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.

## SPECIFICATION

Parameter	Specifications
PON standard	GPON ITU-T G.984.x
PON interface	8*GPON SFP Ports (Class C+), Receiving sensitivity: $\leq -30\text{dBm}$ (Saturation Optical $-12\text{dBm}$ ). Power,Transmitting optical power: $+3 \sim +7\text{dBm}$ Transmission distance: 20KM. Max splitting ratio1:128 Upstream 2.488G Downstream 1.244G
Wavelength	Tx1310nm, Rx 1490nm
Uplink	8*copper Ethernet ports 10/100/1000M auto-negotiation 6*SFP(GE) , 2* SFP+ (10GE)
Layer 3	Support static route, ARP proxy, hardware Host Routes,
Management Ports	hardware Subnet Routes
Management Mode	1*10/100BASE-T out-band port, 1*CONSOLE port
VLAN	SNMP、 Telnet、 CLI、 WEB、 SSH v1/v2
Backplane	128Gbps
MAC table	16K
Operating condition	Operating temp: $-5 \sim +55^{\circ}\text{C}$
Storing condition	Storing temp: $-40 \sim +85^{\circ}\text{C}$
Humidity	5~90%(non-condensing)
Power consumption	$\leq 45\text{W}$
Dimension	442mm*320mm*44mm ( L×W×H)
Net weight	3.1Kg

## ORDER INFOMATION

PRODUCT	PART NUMBER
GPON OLT, 8 x 10/100/1000M , 6 x GE (SFP) , 2 x 10GE(SFP+)	FO-7308GF