

## 8 PON Ports GPON OLT [ HPF3708 ]

Dimension (mm): 442 (L) x 290 (W) x44 (H)  
Weight: 7kg

### Overview

HPF3708 GPON OLT designed with Broadcom chipset, which provides 8 GPON ports, 4 GE copper RJ45 Ethernet ports, 2 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 multi-service access OLT devices oriented towards the service-integrated network.

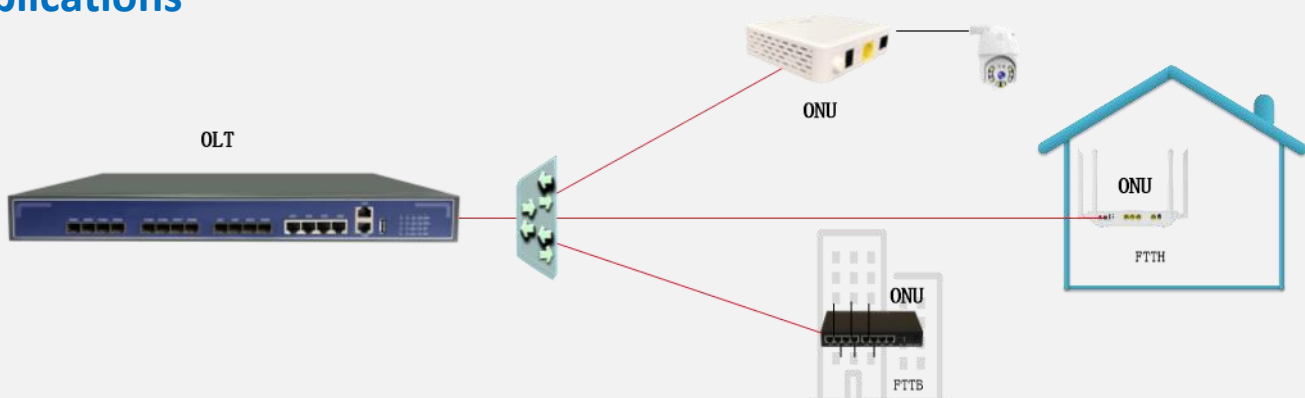
HPF3708 OLT integrates with network security, supports data, voice and video, and provides continuous forwarding, graceful restarting and ring protection, improving the work efficiency and securing the maximum running time.

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"(data voip and IPTV) applications.

### 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
- Friendly Web/Telnet/CLI management
- Remote online ONT configuration and management
- 32K Mac address
- Support 4096 VLANs, port VLAN and protocol VLAN;
- Support port rate limitation
- Support 802.1D and 802.1W
- Access control list;
- Port stability statistic and monitoring;
- Support IGMP snooping
- DHCP relay,DHCP snooping
- Support ONT auto-discovery, auto configuration
- Support broadcasting storm resistance function;
- Support ACL and SNMP to configure data packet filter flexibly;
- Two power supply redundancy design

### Applications



## Interface

PON standard		GPON ITU-T G984/G.988
PON interface		8*GPON SFP Ports (Class C+), Receiving sensitivity: $\leq -30$ dBm(Saturation Optical -12dBm). Power, Transmitting optical power: +3~+7dBm Transmission distance: 20KM. Max splitting ratio1:128
Wavelength	nm	Tx1490, Rx 1310
Speed	Gbps	Downstream 2.488G Upstream1.244G
Uplink	GE	4*copper Ethernetports 10/100/1000Mauto-negotiation
	SFP GE	2*SFP(GE)
	SFP 10GE	2* SFP+ (10GE)
USB		1*USB2.0(Type A)
Management Ports		1*10/100BASE-T out-band port, 1*CONSOLE port

## Function Data

Distance		Up to 20KM transmission Distance
Management		WEB/Telnet/SNMP
Backplane	Gbps	92
MAC table	K	32
Multicast		Support IGMP v1/v2/v3 Support IGMP Proxy an Snooping
ONU management		Support ONT auto-discovery/link detection/remote upgrade of software
Broadcast		Support broadcasting storm resistance function
VLAN		4096 VLANs Support port VLAN Support VLAN tag/Un-tag, VLAN transparent transmission
DHCP		Support DHCP Server & DHCP Relay
Security		Port stability statistic and monitoring Access control list

## Environmental Specifications

Operating condition	°C	Working temp: -5 ~ +55°C Working humidity:5~90%(non-condensing)
Storing condition	°C	Storing temp: -40 ~ +85°C Storing humidity:5~ 90% (non-condensing)
Power supply	V	AC 85~265
Power consumption	W	$\leq 45$ W