GPON OLT

GPON OLT , 16 ports , 8GE RJ45 ports and 4 x GE(SFP) / 4 x 10GE(SFP+)

FOCOMM

FEATURE

- 1U 19 inch standard box GPON OLT with 16 PON ports
- Compliant with ITU-T G984/G.988 standards and China Telecom GPON Technical Requirements
- Tcont DBA, Gemport traffic
- QoS based on port, VID, TOS and MAC address
- Support VLAN tag/Un-tag, VLAN transparent transmission, QinQ
- Support IGMP snooping, 256 IP Multicast Groups, IGMP Proxy
- Support 802.1D and 802.1W
- Support static LACP
- 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 ACL and SNMP to configure data packet filter flexibly
- Support broadcasting storm resistance function
- Firewall function
- Support remote software upgrade
- Two power supply redundancy design to improve reliability
- Support power-off alarm function,easy for link problem detection
- Support for Industrial Temperature

OVERVIEW

FO-7316GF GPON OLT provides 16 GPON ports, 8GE copper RJ45 Ethernet ports and 4*GE(SFP)/4*10GE(SFP+). It has high reliability, high density and powerful switching and routing abilities. It is a new generation of broadband and multi-service access OLT devices oriented towards the service-integrated network.

FO-7316GF 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 16 PON ports, each port supports up to 128 ONUs, the whole device supports up to 2048 ONUs. Small size and high density OLT, easy to install, convenient, flexible and easy to deploy high performance broadband access network. It can be deployed in compact room environment, and can also be used for "Triple-Play" applications.

ISO 9001   ISO 14001   OHSAS 18001   UL

SPECIFICATION

Items	Specifications
PON standard	GPON ITU-T G.984.x
PON interface	16*GPON SFP Ports (Class C+), Receiving sensitivity:≤-30dBm(Saturation Optical -12dBm). Power,Transmitting optical power: +3〜 +7dBmTransmission 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 4*SFP(GE)/4* SFP+ (10GE)
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	128Gbps
MAC table	16K
Operating condition	Operating temp: -5 ~ +55°C
Storing condition	Storing temp: -40 ~ +85°C
Humidity	5~90%(non-condensing)
Power consumption	≤45W
Dimension	442mm×200mm×44mm （L×W×H）
Net weight	4.5Kg

ORDER INFOMATION

PRODUCT	PART NUMBER
GPON OLT , 16 ports , 8GE RJ45 ports and 4 x GE(SFP) / 4 x 10GE(SFP+)	FO-7316GF