# EPON OLT
## GEPON OLT,  4 SFP PON ports with 10G uplink

**FOCOMM**

## FEATURE

- Supply 4 SFP PON ports, 12 1000M RJ45 uplink,2 1000M SFP uplink,

  2 10G SFP+ uplink

- Each PON port supports maximum 1.64 split ratio,

  total 1256 ONUs access

- Distance can reach 20km under 1:32 split ratio

- Support to work with different brands EPON and XPON ONUs to

  establish passive network

- Support WEB and SNMP and CLI, integrate switching function

- Apply for town,village fiber network and surveillance, apply for FTTX

  network, to transmit IP phone, data,IPTV and other IP services access

- Support Dynamic Bandwidth Allocation (DBA)

- Provide logs, alarms and performance statistics;



## OVERVIEW

FO-7304CNX is a 1U rack type 4 PON ports OLT.It supplies 4 PON SFP ports,12 1000M RJ45 uplink ports, 2 1000M SFP uplink ports and 2 10G

SFP+ upink ports. FO-7304CNX works with different brands EPON ONUs and XPON ONUs which support CTC stanadard. The whole system

supports 4-PON, 256 ONUs.

FO-7304CNX applies to counties, towns and villages fiber network access. It is also applied to FTTH/FTTB/FTTO projects, for IP phone, Ethernet

data and IPTV services access.

The product is particularly suitable for residential broadband fiber access (FTTx), telephone and television "triple play", the power consumption

information collection, video surveillance, networking, private network applications and other applications.

## TECHNICAL SPECIFICATION

| Parameter | Specification |
|---|---|
| EPON Standard | Comply with IEEE802.3ah,CTC 2.0,2.1 and 3.0 standard;Support IEEE 802.1d (STP), 802.1w (RSTP) and MSTP Spanning Tree Protocol,Support 802.1p priority queue scheduling;Support NTP protocol,Support IEEE 802.3x full-duplex flow control;Support IEEE 802.3x flow control; |
| Interfaces | 4 SFP PON ports; 12 1000M RJ45 uplink ports; 2 1000M SFP uplink ports; 2 10G SFP+ uplink ports |
| Security | Support PON line AES and triple churing encryption;Support ONU MAC address binding and filtering; |

ISO 9001   ISO 14001   OHSAS 18001   UL

# TECHNICAL SPECIFICATION

| Parameter | Specification |
| --- | --- |
| VLAN | Support 4095 VLAN additions, transparent transmission, conversion and deletion;Support VLAN Stacking (QinQ) |
| MAC address learning | Support 32K MAC addresses;Hardware-based wire-speed MAC address learning;Based on port, VLAN, link aggregation MAC restrictions; |
| Multicast | Support IGMP Snooping and IGMP Proxy, support CTC |
| QoS | controllable multicast;Support IGMP v1/v2 and v3 |
| Access Control Lists (ACL) | Support SP, WRR or SP + WRR scheduling algorithm; According to the destination IP, source IP, destination MAC,source MAC, destination protocol port number, source protocol port number, SVLAN, DSCP, TOS, Ethernet frame type, IP precedence, IP packets carried protocol type ACL rules set; Support the use of the ACL rules for packet filtering; Support Cos ACL rule using the above settings, IP priority setting, mirroring, speed limit and redirect the application; |
| Management P | Provide 10/100Base-T RJ45 out-band network management port It can manage the in-band network through any GE uplink port Provide local configuration port Provide 1 CONSOLE port |
| Data exchange | 3 layer Ethernet switching, switching capacity 128Gbps, to ensure non-blocking switching |
| Power Supply | 220VAC AC: 100V~240V,50/60Hz DC:-36V~-72V |
| Working Temperature | 0~55$^{o}$C |
| Dimension | 440mm(length) x 210mm(width) x 44mm(height) |
| Weight | 2.3 Kg |

# ORDER INFOMATION

| PRODUCT | PART NUMBER |
| --- | --- |
| GEPON OLT,  4 SFP PON ports with 10G uplink | FO-7304CNX |