

1U Pizza-Box EPON OLT



Pizza-Box OLT series products is 1U high 19 inch rack mount product. The features of the OLT are small, convenient, flexible, easy to deploy, high performance. It is appropriate to deploy in an compact room environment.

The OLT can use for "Triple-Play", CPN, IP Camera, Enterprise LAN and IOT applications. It is a high performance products.

FD1104SN-R1 provides 1 USB port, 4GE and 4 SFP slots interface for uplink, and 4 EPON ports for downstream. It can support 256 ONU under 1:64 splitter ratio.

Specifications

	Item	Parameter
Uplink Port	QTY	8
	Copper	10/100/1000M auto-negotiable,RJ45:4pcs
	SFP	4 SFP slots
	QTY	4
PON Port	Physical Interface	SFP Slots
PUN PUIL	Connector Type	1000BASE-PX20+
	Max splitting ratio	1:64
	LICE D	1 Type-C interface
	USB Port	Similar to the CONSOLE port function, used for serial port login
Man	agement Ports	1*10/100/1000Mauto-negotiable outband port
IVIdii	agement Ports	1CONSOLE port
	Transmission Distance	20KM
	PON port speed	Symmetrical 1.25Gbps
PON Port	Wavelength	1490nm TX,1310nm RX
Specification	Connector	SC/PC
(Apply to	Fiber Type	9/125μm SMF
C-Data PON	TX Power	+2.5~+7dBm
module)	Rx Sensitivity	-27dBm
	Saturation Optical	-6dBm
	Power	-oubiii
Management Mode		SNMP, Telnet, CLI management mode.
Management Function		Fan Group Detecting
ividildg	ement function	Port Status monitoring and configuration management;



		Layer-2 switch configuration such as Vlan, Trunk ,RSTP,IGMP ,QOS, etc;
		EPON management function: DBA ,ONU authorization, ACL ,QOS ,etc;
		Online ONU configuration and management
		User management
		Alarm management
Layer-two Switch		Support Vlan and protocol Vlan
		Support Vlan tag/Untag ,vlan transparent transmission;
		Support 4096 VLAN
		Support 802.3dd trunk
		Support RSTP
		Support QOS based on port ,VID,TOS and MAC address
		Support IGMP Snooping
		Support 802.x flow control
		Support Port stability statistic and monitoring
		Support port-based rate limitation and bandwidth control;
		In compliant with IEEE802.3ah Standard
		Up to 20KM transmission Distance
		Support data encryption, group broadcasting, port Vlan separation,
		RSTP, etc.
		Support Dynamic Bandwidth Allocation (DBA)
		Support ONU auto-discovery/Link detection/remote upgrade of
		software;
		Support VLAN division and user separation to avoid broadcast storm;
		Support various LLID configuration and single LLID
EPC	ON Function	configuration .Different user and different service could provide
		different QoS by means of different LLID channels.
		Support power-off alarm function ,easy for link problem detection
		Support broadcasting storm resistance function
		Support port isolation between different ports
		Support ACL and SNMP to configure data packet filter flexibly
		Specialized design for system breakdown prevention to maintain stable
		system
		Support dynamic distance calculation on EMS online
		Support RSTP,IGMP Proxy
Backplane Bandwidth		18G
Dimension		440*230mm*44mm(L*W*H)
Weight		3.4kg(without package)
Power Supply		220VAC: AC: 90V~240V, 47/63Hz
Power Supply Power Consumption		34W
rowei	Working Temperature	0~50°C
Operating		-40~85℃
Environment	Storage Temperature	
	Relative Humidity	$5\sim$ 90%(non-condensing)