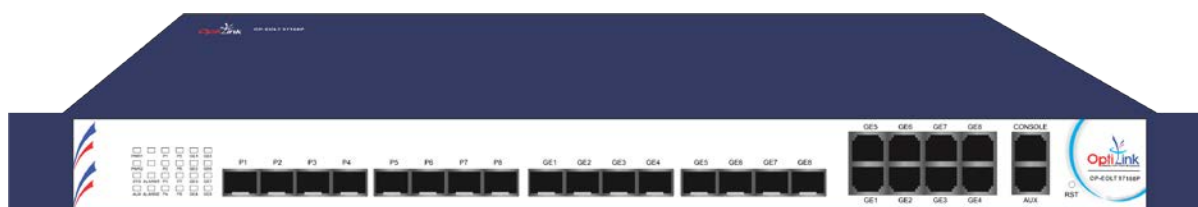# OP-EOLT 97168P

8PON Ports 1U Pizza-Box 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 a compact room environment.

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

OP-EOLT 97168P provides 8GE (copper) and 8SFP slots Combo interface for uplink and 8 EPON ports for downstream. It can support 512 ONU under 1:64 splitter ratio.

Specifications

Item		OP-EOLT 97168P
Chassis	Rack	1U 19 inch standard box
	Slots	NA
Uplink Port	QTY	16
	Copper	10/100/1000M auto-negotiable,RJ45:8pcs
	SFP	8 SFP slots（Combo）
PON Port	QTY	8
	Physical Interface	SFP Slots
	Connector Type	1000BASE-PX20
	Max splitting ratio	1:64
Management Ports		1*100BASE－TX outband port 1 CONSOLE port
PON Port Specification	Transmission Distance	20KM
	PON port speed	Symmetrical 1.25Gbps
	Wavelength	1490nm TX,1310nm RX
	Connector	SC/PC
	Fiber Type	9/125μm SMF
	TX Power	+2～+7dBm
	Rx Sensitivity	-27dBm
	Saturation Optical Power	-6dBm
Management Mode		SNMP, Telnet, and CLI management mode.

Management Function	Fan Group Detecting 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 port VLan and protocol Vlan Support Vlan tag/Untag ,Vlan transparent transmission; Support 4096 VLAN Support 802.3dd trunk RSTP QOS based on port ,VID,TOS and MAC address IGMP Snooping 802.x flow control Port stability statistic and monitoring
EPON Function	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 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
Dimension		442mm(L)*315mm(W)*44mm(H)
Weight		4.2kg
Power Supply	220VAC	AC: 90V～240V，47/63Hz
	-48DC	DC:-36V～-72V
Power Consumption		45W
Operating Environment	Working Temperature	-10～45℃
	Storage Temperature	-40～85℃
	Relative Humidity	5～90%(non-conditioning)