1U Pizza-Box OLT Series

Inotech

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.

FD1104S 4PON Ports 1U Pizza-Box OLT

FD1104S provides 4GE (copper) and 4SFP slots Combo interface for uplink and 4 EPON ports for downstream. It can support 256 ONU under 1:64 splitter ratio.

FD1108S 8PON Ports 1U Pizza-Box OLT

FD1108S 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.

Inotech

Specifications

Uplink Port	QTY	8	16
	Copper	10/100/1000M auto-negotiable,RJ45:8pcs	10/100/1000M auto-negotiable,RJ45:8pcs
	SFP	4 SFP slots Combo	8SFP slots Combo
PON Port	QTY	4	8
	Physical	SFP Slots	SFP Slots
	Connector Type	1000BASE-PX20+	1000BASE-PX20+
	Max splitting	1:64	1:64
Management Ports		1*100BASE－TX out band port 1CONSOLE port	
PON Port Specification (Apply to Inotech PON module）	Transmission	20KM	
	PON port	Symmetrical 1.25Gbps	
	Wavelength	1490nm TX,1310nm RX	
	Connector	SC/PC	
	Fiber Type	9/125μm SMF	
	TX Power	+2～+7dBm	
	Rx Sensitivity	-27dBm	
	Saturation	-6dBm	
Management Mode		SNMP,Telnet, 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	
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	

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	
Dimension	440*280*44(mm*mm*mm）	
Weight	4.2kg	4.5kg
Power Supply	220VAC	AC: 90V～240V，47/63Hz
	-48DC	DC:-36V～-72V
Power Consumption	30W	45W
Operating Environment	Working	0～50℃
	Storage	-40～85℃
	Relative Humidity	5～90%(non-condensing)