CX600D2

Overview

CX600D2 EPON OLT products is 1U height 19 inch rack mount product. The features of the OLT are small, convenient, flexible, easy to deploy, high performance. It is appropriate to be deployed in compact room environment.The OLTs can be used for "Triple-Play",VPN, IP Camera, Enterprise LAN and ICT applications.

CX600D2 provides 2GE(copper) and 2SFP slots independent interface for uplink, and 2*EPON OLT ports for downstream. It can support 128 ONUs under 1:64 splitter ratio.

Art No	: CX600D2
Material	: Steel Shell
Plastic Size	: 442mm*200mm*43.6mm（L*W*H）
Weight	: 3.1kg
Description	: 2 EPON port, Automatic configuration,Automatic upgrade, EMS & Web management

Technical parameters

Item		CX600D2
Chassis	Rack	1U 19 inch standard box
1000M Uplink Port	QTY	4
	Copper	2*10/100/1000M auto-negotiation
	SFP (independent)	2*SFP slots
EPON Port	QTY	2
	Physical Interface	SFP Slots
	Connector Type	1000BASE-PX20+
	Max splitting ratio	1:64
Management Ports		1*10/100BASE-T out-band port, 1*CONSOLE port
PON Port Specification	Transmission Distance	20KM
	EPON port speed	Symmetrical 1.25Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Connector	SC/PC
	Fiber Type	9/125μm SMF

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Item		CX600D2
	TX Power	+2~+7dBm
	Rx Sensitivity	-27dBm
	Saturation Optical Power	-6dBm
Management Mode		SNMP, Telnet and CLI
Management Function		Fan Group Detecting; Port Status monitoring and configuration management; Layer2 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.
Layer2 Switch		Support port VLAN and protocol VLAN; Support 4096 VLANs; Support VLAN tag/Un-tag ,VLAN transparent transmission, QinQ; Support IEEE802.3d trunk; Support RSTP; QOS based on port,VID,TOS and MAC address; IGMP Snooping; IEEE802.x flow control; Port stability statistic and monitoring.
Layer 3Route		1024 Host Routes; 512 Subnet Routes; 256 IP Multicast Groups;
EPON Function		Support port-based rate limitation and bandwidth control; In compliant with IEEE802.3ah standard; Up to 20KM transmission Distance; 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 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;

CALIX
DATA SHEET

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Item		CX600D2
EPON Function		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(L*W*H)		442mm*200mm*43.6mm
Weight		3.1kg
Power Supply	220VAC	AC:90~264V, 47/63Hz
Power Consumption		25W
Operating Environment	Working Temperature	-10~+55°C
	Storage Temperature	-40~+85°C
	Relative Humidity	5~90%(non-conditioning)