

Technical parameters

8 PON OLT SPECS

Item		V1600D8
Chassis	Rack	1U 19 inch standard box
1000M Uplink Port	QTY	16
	Copper	8*10/100/1000M auto-negotiation
	SFP (independent)	8*SFP Or 4*SFP and SFP+ slots (SFP+ is 10GE port)
EPON Port	QTY	8
	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
	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; 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*320mm*43.6mm
Weight		4.5kg
Power Supply	220VAC	AC:90~264V, 47/63Hz
Power Consumption		45W
Operating Environment	Working Temperature	-10~+55°C
	Storage Temperature	-40~+85°C
	Relative Humidity	5~90%(non-conditioning)