

16 PON PORT GPON OLT

S-OLT-GPON-16OLT-L3D



Overview:

GPON OLT S-OLT-GPON-16OLT-L3D completely meet relative standard of ITU G.984.x and FSAN, which is 1U height 19 inch rack mount products, 8 uplink GE ports, 4 1GE/10GE uplink SFP/SFP+ ports, and 16 GPON ports, each GPON port supports the splitting ratio of 1:128 and provides downstream bandwidth of 2.5Gbps and upstream bandwidth of 1.25Gbps, system support 2048 GPON terminals accessing in for the most. This product meets the requirements in device performance and size of compact server room as the product has high performance and compact size, is convenient and flexible to use, and is easy to deploy as well. Moreover, the product meets the requirements of promoting network performance, improving reliability and reducing power consumption in the perspective of access network and enterprise network and is applicable to three-in-one broadcast television network, FTTP (Fiber to the premise), video monitoring network, enterprise LAN (Local Area Network), internet of things and other network applications with a very high price/performance ratio.

Functional Characteristics:

Satisfactory Standard

- Meet ITU-T G984/G.988 standard
- Support OMCI remote management for ONT/ONU, compatible with ITU-T G.984.4/G.988 OMCI Protocol

L3 OLT

- Support static route RIP v1/v2, OSFP v2(optional)

Fully Open Platform

- Open to any brand of ONT

Easy to Manage

- Friendly EMS/Web/Telnet/CLI management
- CLI command style similar to mainstream manufacturers
- Support APP management

High performance cost

- 1U height compact design
- Adopt mainstream chip scheme

Specification		S-OLT-GPON-16OLT-L3D	
Chassis	Rack	1U 19 inch standard box	
1G/10G Uplink Port	QTY	12	
	Copper 10/100/1000M auto-negotiation	8	
	SFP 1GE	4	
	SFP+ 10GE		
GPON Port	QTY	16	
	Physical Interface	SFP Slot	
	Connector Type	Class C+	
	Max splitting ratio	1:128	

Management Ports	1*10/100BASE-T out-band port, 1*CONSOLE port	
PON Port Specification(Class C+ module)	Transmission Distance	20KM
	GPON port speed	Upstream 1.244G, Downstream 2.488G
	Wavelength	TX 1490nm, RX 1310nm
	Connector	SC/UPC
	Fiber Type	9/125μm SMF
	TX Power	+3 ~ +7dBm
	Rx Sensitivity	-30dBm
	Saturation Optical Power	-12dBm
Dimension(L*W*H)	442*320*43.6mm	
Weight	4.5kg	
AC Power Supply	AC:100 ~ 240V, 47/63Hz	
DC Power Supply(DC:-48V)	√	
Double Power Module Hot Backup	√	
Power Consumption	85W	
Operating Environment	Working Temperature	0°C +50°C
	Storage Temperature	-40°C~+85°C
	Relative Humidity	5 ~ 90%(non-conditioning)

Typical Application

