

深圳市沃克网络产品有限公司

Shenzhen Wolck Network Product Co.,Ltd

EPON OLT Product Description

1U 16PON Port Pizza-Box EPON 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 an compact room environment.

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

WK-OLT-16P provides 1 USB interface, 4GE(copper) and 4GE optical interface, 2*10Gb uplink interface, and 16 EPON ports for downstream. It can support 1024 ONUs under 1:64 splitter ratio.

Specifications

	Item	WK-OLT-16P
Chassis	Rack	1U 19 inch standard box
Uplink Port	QTY	10
	Copper	10/100/1000M auto-negotiable,RJ45:4pcs
	Optical interface	4 GE
	10Gb uplink interface	2*10Gb
	QTY	16
PON Port	Physical Interface	SFP Slots
PONPOR	Connector Type	1000BASE-PX20+
	Max splitting ratio	1:64
LICD Dowt	QTY	1
USB Port	Connector Type	Type-C
Management Por	ts	1*100BASE — TX outband port; 1CONSOLE port
	Transmission Distance	20KM
DON Down	PON port speed	Symmetrical 1.25Gbps
PON Port	Wavelength	1490nm TX,1310nm RX
Specification	Connector	SC/PC
(Apply to C-Data PON	Fiber Type	9/125µm SMF
module)	TX Power	+2.5~+7dBm
	Rx Sensitivity	-27dBm
	Saturation Optical Power	-6dBm
10Gb SFP+ Port	Transmission Distance	10KM
Specification	PON port speed	8.5-10.51875Gbps
(Apply to	Wavelength	1310nmTX, 1310nmRX



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Management Function EPON management function: DBA, ONU authorization, ACL, QOS Online ONU configuration and management User management Alarm management Support port VLan and protocol Vlan Support Van auta/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 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 set RSTP, etc. Support Dynamic Bandwidth Allocation (DBA) Support ONU auto-discovery/Link detection/remote upgr software; Support VLAN division and user separation to avoid broadcast sts Support VLAN division and user separation and single configuration. Different user and different service could different QoS by means of different LILD channels. Support broadcasting storm resistance function Support port isolation between different ports Support broadcasting storm resistance function Support port isolation between different ports Support Droadcasting storm resistance function Support port isolation between different ports Support Broadcasting storm resistance function Support Static routing protocol Support Static routing protocol Support Static routing protocol Support date, celient and dhcp-relay function Support date, celient and dhcp-relay function Support date, celient and dhcp-relay function Support date fine fine fine and dhcp-relay function Support date fine fine fine fine fine and dhcp-relay function Support date fine fine fine fine fine fine fine fin			Connector	C-Data 10Gb
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220/46		74kg	Weight	
		C: 90V~240V,47/63Hz	220VAC	Danier Court
Power Supply -48DC DC:-36V~-72V			-48DC DC:-36V∼-72V	rower Supply
Power Consumption 80W)W	Power Consumption	
Working Temperature 0∼50°C		~50℃	Working Temperature	
\mid Storage Temperature \mid -40 \sim 85 $^{\circ}$ C			Storage Temperature	Operating Environment
Environment Relative Humidity $5\sim$ 90%(non-condensing)		~90%(non-condensing)	Relative Humidity	