

1U 8PON Port JD-AE28 EPON OLT



JD-AE28 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

Specifications

Item		JD-AE28
Chassis	Rack	1U 19 inch standard box
	Slots	NA
Uplink Port	QTY	16
	Copper	10/100/1000M auto-negotiable,RJ45:8pcs
	SFP	8SFP slots (Combo)
PON Port	QTY	8
	Physical Interface	SFP Slots
	Connector Type	1000BASE-PX20+
	Max splitting ratio	1:64
Management Ports		1*100BASE-TX outband port 1CONSOLE port
PON Port Specification (Apply to JRS Digital PON module)	Transmission Distance	20KM
	PON port speed	Symmetrical 1.25Gbps
	Wavelength	1490nm TX,1310nm RX
	Connector	SC/PC
	Fiber Type	9/125μm SMF
	TX Power	+2.5~+7dBm
	Rx Sensitivity	-27dBm

	Saturation Optical Power	-6dBm
Management Mode		SNMP,Telnet,CLI management mode.
Management Function		<ul style="list-style-type: none"> ✚ 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 ✚ Alarm management
Layer-two Switch		<ul style="list-style-type: none"> ✚ 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		<ul style="list-style-type: none"> ✚ Support port-based rate limitation and bandwidth control; ✚ In compliant with IEEE802.3ah Standard ✚ Up to 20KM transmission Distance ✚ Support data encryption, group port broadcasting, port Vlanseparation ,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

		<ul style="list-style-type: none"> 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
Backplane Bandwidth		32G
Dimension		440*280*44(mm*mm*mm)
Weight		4.5kg
Power Supply	220VAC	AC: 90V~240V, 47/63Hz
	-48DC	DC:-36V~-72V
Power Consumption		45W
Operating Environment	Working Temperature	0~50°C
	Storage Temperature	-40~85°C
	Relative Humidity	5~90%(non-condensing)