

WXP4200-W Series 10G XPON ONU



WXP4200-W has the characteristics of unified platform architecture design, flexible deployment, common upper application platform, and the current network is compatible with multi manufacturer and multi type OLT, which is convenient for the use of various environments: the unified platform supports the basic functional requirements and plug-in operation environment requirements of telecom / Unicom / mobile and other operators; Two high-speed spatial streams are connected with 802.11ac to provide users with high-speed Internet access experience. At the same time, four 10 / 100 / 1000m Base-T network interfaces are provided, which are suitable for full-service access and different interface requirements of various devices.

Technical Specifications

Item	10G/XPON	
Optional	CPU	EN7580GAT
	WIFI (optional)	2.4G wifi MT7592N+5G wifi MT7615EN
	VOIP (optional)	LE9643
	BOSA drive	Semetch GN28L95
	DDR3	512MByte
	flash	256MByte
Products	User interface (optional)	4GE+2*USB+1POTS+WIFI Dual band Wi-Fi (2.4GHz and 5.8GHz)
Ethernet interface	Type	10G/XPON
Rate	Asymmetric mode	Downstream 10Gbps, upstream 1.25Gbps/2.5Gbps
User side interface	LAN (GE)	4*10/100/1000M Base-T
PON	ONU Identification authentication	MAC、LOID、Password Identification authentication
	FEC	Support
	DBA	Report t-cont queue status; Accept OLT bandwidth allocation; Five

		t-cont bandwidth types are supported
	Optical link detection	Operating temperature, power supply voltage, bias electro-hydraulic, sending and receiving light power of optical module, etc.
Ethernet	MAC Address capacity	8K
VLAN	802.1q VLAN	4K(1~4094 VLAN IDoptional)
	VLAN function	Port-based VLAN partitioning, VLAN tagging, de-tagging, transfer, filtering, VLAN Trunk, 1:1 VLAN conversion, Cos Remark
QoS	Flow Classification	Deep packet detection: Upstream classification based on physical port, source and destination MAC address, VLAN ID, User Priority, Ethernet type, source and destination IP address, IP protocol type, IP DSCP, source and destination L4 protocol port
	Stream Marker	Optimize level tagging for upstream data based on stream classification to force modification of priority Tags
	Scheduling algorithm	SP/WRR/SP+WRR
Multicast	multicast protocol	IGMP Snooping/
	Multicast Capacity	1K
Security	PON Data Encryption	AES-128
	MAC Quantity Limit	1~256 ports
	ACL	8
Network management	Network management	OMCI、OMCI+TR069、HTTP、Telnet
	Management type	Status monitor, configuration management, alarm management, log management
PON port	Interface	SC/APC、SC/UPC
	PON Port Parameter	1
	PON port standard	CLASS B+
	PON wavelength	Tx 1270nm/ Rx 1577nm
	Optical Interface Receive Rate	10Gbit
	Optical Interface Send Rate	1.25Gbit/2.5Gbit
	Output optical power	Min +0.5dBm; Max +5dBm
	Receiver Sensitivity	-28.5dBm NOTE : TX on, ER-6dB, BER=10 ⁻³
	Saturation optical power	Min -8dBm
Power	Input	AC 100 - 240V 50/60Hz
	Output	DC 12V 1.5A
Dimension	Dimension	162mm(L) x112mm(W) x30mm(H)