



10GE+1 GE
XGS-PONONT

XGS1200-X



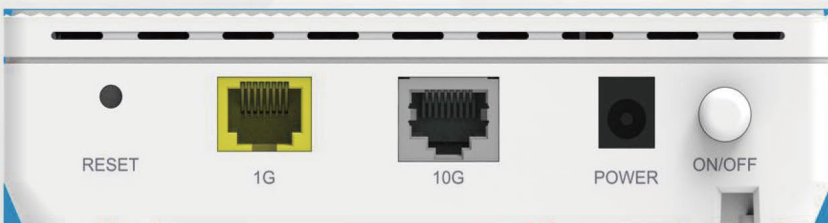
INTERNET



SPLITTER



ONT



Hardware Parameters

CPU Frequency	1GHz dual-core
Flash	128MB NAND
Memory	256MB DDR4
LED	POWER+PON+LOS+10GE +1GE
Port	1*1RJ45(10GE)
	1*1RJ45(GE)
	1*Reset+1*Power Jack
	1*SC/APC (or SC/UPC)
	1*DC in
Size	130*90*37 mm
consumption	≤12W

Ethernet Port

- Ethernet port-based VLAN tags and tag removal
- VLAN transparent and aggregation
- MAC address learning
- 100/1000/10000Mbps Autonegotiation
- 10/100/1000Mbps Autonegotiation

Product Function

XGSPON

- ITU-T G.984.1-4
- ITU-T G.988 /ITU-T G.9807.1
- 32 TCONTs /256GEM ports
- 8 Egress queues per TCONT at least
- VLAN or VLAN plus priority gem mapping mode
- SN/LOID/SN+ Password authentication
- Performance monitoring: eth/Gem port
- Dying gasp

Layer 2 Features

- MAC learning (SVL)/aging
- Support max frame length to1518 bytes
- VLAN tagging for untagged packets
- Support VLAN 1-4094
- VLAN transparent/translation

QoS

- Support 8 Queues with Strict Priority
- Ethernet port rate limitation
- 802.1ppriority
- SP/WRR/SP+WRR
- Service flow classification

Multicast

- IGMP v2 (RFC 2236) and IGMP v3 (RFC 3376)
- IGMP snooping and IGMP Proxy
- MLD v1/v2

Environment

Operating Temperature	0°C~45°C
Storage Temperature	-20°C~70°C
Operating Humidity	5% ~ 95% (non-condensing)
Power Supply	12V/1A

Product Function-Continued

Management

- OMCI/Web UI/TR069
- SSH management with CLI commands
- Dual-system software backup and rollback