



GPTC448B design to supporting flexible deployment and provides 8 downlink PON ports and total 8 uplink port 4x10GE SFP+ and 4xGE RJ45 ports. Each GPON supports up to 128 ONU, the whole device supports up to 1024 ONU.

PRODUCT HIGHLIGHTS

- 150V – 265V AC redundancy power supply

DELIVERING CAPACITY

- Backbone bandwidth 256Gbps

SECURITY FEATURES

- Bidirectional data encryption
- ONU authentication
- MAC limit, L2 – L4 ACL
- Port Isolation

LAYER 2 FUNCTIONS

- Fully support of QoS
- Support VLAN Translation
 - Support VLAN QinQ
 - Support VLAN tagging
 - Support Link aggregation

RELIABILITY

- ARP, ARP proxy
- DHCP relay, DHCP proxy
- Static routing, Dynamic routing

Parameter	Technical specifications	
GPON Port	QTY	8
	Physical Interface	SFP Slots
	Connector Module Type	Class B+/C+/C++
Uplink Port	QTY	8
	SFP	4x10GE SFP+
	Ethernet	4xGE RJ45 10/100/1000M autonegotiation
Transmission Distance	20 KM	
PON Port Speed and Wave length	Downstream: 2.5Gbps Upstream: 1.25Gbps, 1490nm TX, 1310nm RX	
Max ONU	1024	