

OLT EPON 8 PON



BDCOM

P3608B

High-density Pizza-box EPON OLT



DESCRIPCION

OLT EPON
8 PON

MODELO

P3608B s/SFP

CODIGO WT

4281380

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1 - CARACTERISTICAS

- ❖ OLT con 8 puertos EPON
- ❖ 1 puerto de consola.
- ❖ 1 puerto de administración fuera de banda 10 / 100M,
- ❖ 8puertos PON integrados (excluyendo el módulo OLT SFP),
- ❖ 4 puertos combinados GE TX / SFP,4 puertos GE SFP;
- ❖ 1 fuente de alimentación AC90-264V, expansible a fuente de alimentación dual,
- ❖ 19-pulgadas montado en bastidor; 2 puertos 10GE SFP +

Standards

- IEEE802.3ah
- YD-T 1475-2006 access network requires EPON basis
- YD-T 1771-2008 access network requires EPON intercommunication
- China Telecom EPON standard CTC2.1/3.0
- Ethernet – II

VLAN

- Port/IP/Protocol/MAC-based VLAN
- 4K VLAN
- QinQ and flexible QinQ

Multicast

- L2 multicast
- IGMP snooping
- MLD snooping
- Fast-leave

Layer 3 Function

- Static route
- RIPv1/v2
- OSPF

QoS

- Backpressure flow control (half duplex)
- IEEE 802.3x flow control (full duplex)
- IEEE 802.1p, CoS
- WRR, SP and FIFO queue schedule
- Limiting the uplink/downlink rate based on each ONU
- DBA and SLA

Reliability

- Unidirectional Link Detection (UDLD)
- Hot swap of the EPON optical module
- Optical path protection of EPON (type B/C, hand-in-hand)
- Abnormal luminescence ONU detection such as long luminescence
- IEEE 802.3ad LACP

DHCP Function

- Server/Relay/Client
- DHCP snooping
- DHCP option 66,67,82
- DAI
- IP source guard

Network Security

- L2-4 ACL
- Flow-based ACL
- MAC limitation
- MAC sticky
- Port isolation
- Packet storm control
- Transmission data encryption on the PON interface
- Anti attack for DDOS, TCP-SYN-flood, UDP-flood, ARP-flood, etc.

Management

- CLI, Telnet, SSH, HTTP/HTTPS and SNMP
- ISSU
- FTP/TFTP
- SPAN
- NTP

Network Availability

- STP/RSTP/MSTP
- BPDU guard
- EAPS

2 – ESPECIFICACIONES

Item	P3608B
Service interface	
PON ports	8
GE uplink	4 100/1000M SFP + 4 GE TX/SFP
10GE uplink	2 10GE/GE SFP+
Supported GPON SFP module	PX20, PX20+, PX20++
Management interface	
RJ45 console	1
Mini-USB console	1
Out-of-Band	1
System capacity	
DRAM (MB)	512
Flash (MB)	32
Backplane (Gbps)	72
MAC table	32K
IPv4 routing table	32K
IPv6 routing table	8K
Buffer size (MB)	3
Jumbo frame (KB)	2
Active VLAN	4,094
Total SVI	400
Forwarding mode	Store-and-forward

3 – CARACTERÍSTICAS FÍSICAS

Item	P3608B	
Power supply		
AC (V)	90 - 264	
DC (V)	36-72	
Power slots	2	
Hot-swap	Support	
Max. consumption (W)	70	
Total output BTU (note: 1000 BTU/hr = 293W)	256	
Cooling system		
Fan number	2	
Air-flow	Left-right	
Noise@25°C(dBA)	< 45	
Appearance		
Chassis	Dimensions(WxDxH mm)	442.5 x300 x 44
	Weight (Kg)(empty)	5
Package	Dimensions(WxDxH mm)	576 x 448 x 94
	Weight (Kg)	5.9
Environmental specifications		
Operating	Temperature	0-45°C
	Humidity (non-condensing)	10%-85%
Storage	Temperature	-40°C-80°C
	Humidity (non-condensing)	5%-95%
Accessories		
Parts	Power cord, rackmount kits, console cable	
Reliability		
MTBF (Hr)	95,000	
Certification	CE, FCC, ROHS	