

## OLT GPON 4 Puertos



### GP3600-04

Pizza-box GPON OLT

- 1 console port
- 1 out-band 10/100M port
- 4 fixed PON ports
- 4 GE TX ports
- 4 10GE/GE SFP+ ports



**DESCRIPCION**

OLT GPON 4 PON  
s/SFP

**MODELO**

GP3600-4

**CODIGO WT**

4281361

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# 1 - CARACTERISTICAS

La serie BDCOM GP3600 cumple con ITU-T G.984 / G.988 y requisitos sobre GPON OLT en Técnica de acceso a la red.

Totalmente compatible CTC2.0, conexión automático y cooperación con ONU de diferentes fabricantes.

Soportes de la serie BDCOM GP3600 el enlace ascendente asimétrico 1,25 Gbps /enlace descendente 2.5Gbps PON tasa de transmisión.

Eficiente relación de acoplamiento sube a 1: 128, y su soporte de diferentes ONU híbridas las redes minimizando la inversión.

Soportes de la serie BDCOM GP3600 funciones de enrutamiento como RIP, OSPFy BGP.

LaSerie BDCOM GP3600, basada en las tecnologías de vanguardia, es fuerte en funciones y QoS garantía, SLA y DBA pueden ser enumerados fácilmente.

## 2 – ESPECIFICACIONES

### Standards

- ITU-T G.984/G.988
- IEEE 802.11D, Spanning Tree
- IEEE 802.1Q, VLAN
- IEEE 802.1w, RSTP
- IEEE 802.3ad physical link static/dynamic aggregation (LACP), 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
- BGP

### 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 GPON optical module
- Optical path protection of GPON (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

- Various management modes such as CLI, Telnet, SSH, HTTP, SSL and SNMP
- ISSU
- FTP/TFTP
- SPAN/RSPAN
- NTP

### Network Availability

- STP/RSTP/MSTP
- BPDU guard
- EAPS

## 3 – PARAMETROS

Item	GP3600-04	GP3600-08	GP3600-16
<b>Service interface</b>			
PON ports	4	8	16
GE uplink	4 GE TX	4 100/1000M SFP + 4 GE SFP/TX	4 100/1000M SFP + 4 GE SFP/TX
10GE uplink	4 10GE/GE SFP+	4 10GE SFP+	4 10GE SFP+
Supported GPON SFP module	Class B+, Class C+, Class C++		
<b>Management interface</b>			
RJ45 console	1		
Mini-USB console	1		
Out-of-Band	1		
<b>System capacity</b>			
DRAM (MB)	1024		
Flash (MB)	32		
Backplane (Gbps)	176		
MAC table	40K		
Buffer size (MB)	3		
Jumbo frame (KB)	9		
IPv4 routing table	32K		
IPv6 routing table	8K		
Active VLAN	4,094		
SVI number	512		
Forwarding mode	Store-and-forward		

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<b>Power supply</b>				
AC (V)	90 - 264			
DC (V)	36-72			
Power slots	2			
Max. consumption (W)	50	60	70	
Total output BTU (note: 1000 BTU/hr = 293W)	170.6	204.8	238.9	
<b>Cooling system</b>				
Fan number	3			
Air-flow	Left-right			
Noise@25°C(dBA)	< 45			
<b>Appearance</b>				
Chassis	Dimensions(WxDxH mm)	442.5 x 304 x 44	442.5 x 304 x 44	442.5 x 304 x 44
	Weight (kg)(empty)	5.3	5.5	5.6
Package	Dimensions(WxDxH mm)	576 x 448 x 94	576 x 448 x 94	576 x 448 x 94
	Weight (kg)	6.2	6.4	6.5
<b>Environmental specifications</b>				
Operating	Temperature	0-50°C		
	Humidity (non-condensing )	10%-85%		
Storage	Temperature	-40°C-80°C		
	Humidity (non-condensing )	5%-95%		
<b>Accessories</b>				
Parts	Power cord rackmount kits console cable			
<b>Reliability</b>				
MTBF (Hr)	95,000			
Certification	CE, FCC, ROHS			