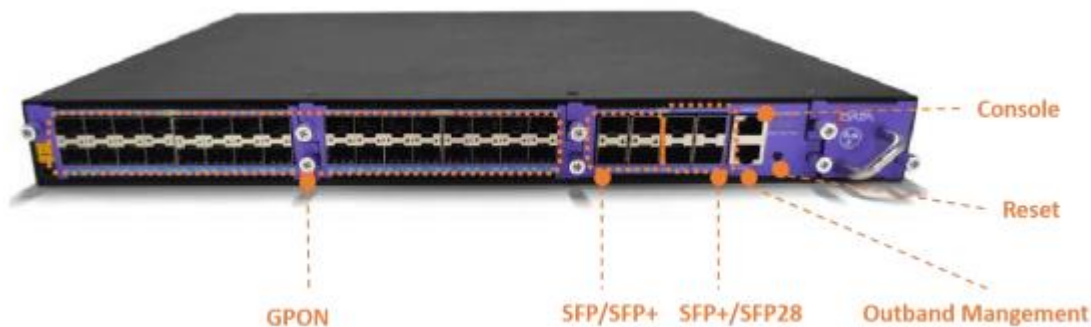


## OLT GPON 32 PORT C/FSP



### DESCRIPCION

OLT GPON -32 PUERTOS - Modular

### MODELO

FD1732S

### CODIGO WT

4281396

#### Casa Central

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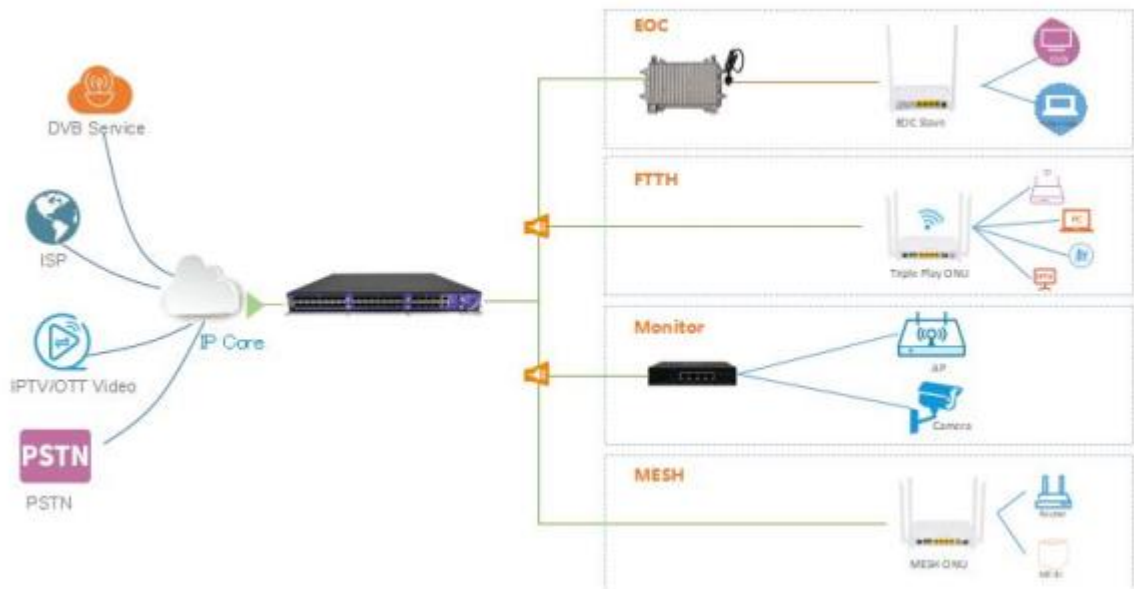
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# 1 – APLICACION

- ❖ El GPON OLT FD1700S cumple completamente con los estándares relevantes de ITU G.984.x y FSAN.
- ❖ Es un dispositivo de 1RU que cuenta con un puerto de enlace ascendente SFP con opciones de 4\*1G/10G y 4\*10G/25G.
- ❖ Los puertos PON están disponibles en configuraciones de 4/8/16 puertos. Cada puerto GPON admite una relación de división de 1:128.
- ❖ En consecuencia, el sistema GPON puede soportar hasta 4096 conexiones finales, dependiendo del número de puertos PON seleccionados.

# 2 – DIAGRAMA DE APLICACION



## 2 – CARACTERÍSTICAS

### GPON Function

- ITU-T G.984/G.988 standard
- Support OMCI protocol
- T-CONT DBA
- GEMPORT traffic
- ONU auto discover
- Ranging function
- Downstream data encrypted

### Layer 2 Switching Function

- Access/Trunk/Hybrid L2 access mode
- Support 64K MAC address
- Support 4094 VLANs
- VLAN filter function,VLAN transform
- Smart QinQ
- L2 port mirror
- Support 1024 static MAC address
- MAC address learning/aging
- MAC address limitation
- Static/Dynamic LACP
- ACL
- RSTP

### Layer 3 Switching Function

- Static routing
- DHCP server/DHCP relay/DHCP snooping
- ARP proxy

### Multicast Function

- IGMP snooping
- IGMP V1/V2/V3
- Multicast VLAN translation
- Multicast QOS
- IGMP protocol statistics

### QOS Guarantee

- Traffic control function
- Congestion avoidance function
- Queue scheduling function
- COS Priority function
- ACL function

### Reliability Function

- 1+1 power modules
- BBU optional
- Fan speed automatically adjusts based on temperature
- Enables manual adjustment for primary and secondary power sources

### Management Function

- CLI/WEB/Telnet/SSH
- Performance Management
- Alarm Management
- Security Management

### Maintenance Function

- Device log
- Device upgrade
- Fault diagnose function
- Condition monitoring function

## 3 – ESPECIFICACIONES

### Hardware

Uplink Port	4*1G(SFP)/10G SFP+ 4*10G(SFP+)/25G(SFP28)	
PON Port	Quantity	4*GPON/8*GPON/16*GPON/8*XG(S)PON
	Physical interface	SFP slot
	Interface type	GPON: ITU-TG.984.2 Class B+/Class C+
	Max splitting ratio	GPON: 1:128
Management Port	1 100/1000BASE-Tx out-band Ethernet port 1 CONSOLE local management port	
PON Port attribute	Transmission distance	20KM
	Port rate	GPON: Downstream: 2.5Gbps Upstream: 1.25Gbps
	Wavelength	Forwarding: 1490nm Receiving: 1310nm
	Interface type	SC/UPC
	Fiber type	9/125µm SMF (Single Mode Fiber)
	Light transmission power	Class B+: +1.5 ~ +5dBm Class C+: +3 ~ +7dBm
	Receiving sensitivity	Class B+: -28dBm Class C+: -30dBm
Saturation power	Class B+: -8dBm Class C+: -12dBm	
Backplane Bandwidth	400G	

### Power Supply

AC	90V ~ 240V
DC	-40 ~ - 57 V

### Environment

Working temperature	-15 ~ 50°C
Storage temperature	-40 ~ 85°C
Ambient humidity	5 ~ 90% (Non-condensing)