

OLT SUPREME 1 PUERTO



BRIEF

GPON OLT FD1601S-B1 COMPLETELY MEET RELATIVE STANDARD OF ITU G.984.X AND FSAN, THE DEVICE WITH 1 USB INTERFACE, 2UPLINK ETHERNET PORTS AND 1 OPTIONAL PORT (XGPON/10 GIGABIT UPLINK PORT) AND 1 GPON PORT.EACH GPON PORT SUPPORTS THE SPLITTING RATIO OF 1:128, THE GPON SYSTEM SUPPORTS UP TO 128 TERMINAL CONNECTIONS.

TECHNICAL SPECIFICATIONS

• 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
L2 PORT MIRROR
MAC ADDRESS LEARNING/AGING

• OTHER

DISPLAY SCREEN CAN SHOW THE IP
ADDRESS, THE NUMBER OF ONU
TERMINALS, ETC

• MULTICAST FUNCTION

IGMP SNOOPING
IGMP V1/V2/V3
MULTICAST VLAN
TRANSLATION

• MANAGEMENT FUNCTION

CLI/WEB/TELNET/SSH/MQTT
PERFORMANCE
MANAGEMENT
ALARM MANAGEMENT
SECURITY MANAGEMENT
WIFI ACCESS, DIRECT MOBILE
PHONE WIFI LOGIN DEVICE
MANAGEMENT

• MAINTENANCE FUNCTION

DEVICE LOG
DEVICE UPGRADE
FAULT DIAGNOSE FUNCTION
CONDITION MONITORING
FUNCTION

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TECHNICAL SPECIFICATIONS

Mechanics		
Dimensions		440mm(L)*276mm(W)*44mm(H)
Weight		4.50Kg
Hardware		
Uplink Port	2 10/100/1000M auto-negotiation Ethernet ports	
Optional port	XGPON port / 10 Gigabit uplink port	
PON Port	Quantity	1
	Physical interface	SFP slot
	Interface type	GPON: ITU-TG.984.2 Class B+/Class C+
	Max splitting ratio	GPON: 1:128
Management Port		1 CONSOLE local management port
USB Port		1 USB interface (It's used to backup configuration, upgrade program, and record log information)
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		11.5G (Optional port is XGPON port) 27.75G (Optional port is 10 Gigabit uplink port)
Power supply		
AC		90V ~ 240V, 47~63Hz
DC		External adapter mode 12V/2A
Environment		
Working temperature		-15 ~ 50°C
Storage temperature		-40 ~ 85°C
Ambient humidity		5 ~ 90% (Non-condensing)

