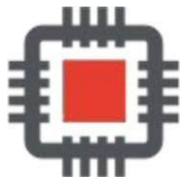




SY-GPON-4010-AX3000 WiFi6 ONT

> Key Features :



High performance
chipset



Next-Gen Gigabit WiFi6
2.4GHz & 5GHz Dual



IPv4/IPv6 Dual Stack



USB3.0 Interface For
Shared Storage/Print

> Introduction :

SY-GPON-4010-AX3000 is a broadband access device specially designed to meet the needs of fixed network operators for FTTH and triple play services.

The ONT is based on high-performance chip solutions, supports XPON dual-mode technology (EPON and GPON), and also supports IEEE802.11b/g/n/ac/ax WiFi 6 technology and other Layer 2/Layer 3 functions, providing data service for carrier-grade FTTH applications.

The ONT has high reliability, is easy to manage and maintain, and has QoS guarantees for various services. It conforms to a series of international technical standards such as IEEE802.3ah and ITU-T G.984

> Hardware Parameter


Dimension	205mm×140mm×37mm(L×W×H)
Net weight	0.34Kg
Operating condition	Operating temp:0 ~ +55°C
	Operating humidity:5 ~ 90% (non-condensed)
Storing condition	Storing temp: -30 ~ +60°C
	Storing humidity: 5 ~ 90% (non-condensed)
Power adapter	DC 12V, 1.5A, external AC-DC Power adaptor
Power supply	≤18W
Interface	1*XPON+1*2.5GE+3*GE+1*POTS+WiFi6
Indicators	PWR,PON ,LOS,WAN,WiFi,FXS,
	ETH1~4,WPS,USB

>> Interface Parameter :

PON	1XPON port(EPON PX20+ and GPON Class B+)
Interface	SC single mode, SC/UPC connector
	TX optical power: 0~+4dBm
	RX sensitivity: -27dBm
	Overload optical power: -3dBm(EPON) or - 8dBm(GPON)
	Transmission distance: 20KM
	Wavelength: TX 1310nm,RX1490nm
User interface	(1*2.5GE+3*GE), Auto-negotiation,RJ45 ports
	1×POTS RJ11 Connector
Antenna	4 ×5dBi external antennas
USB	1×USB 3.0 for Shared Storage/Printer

>> Function Data :

O&M	WEB/TELNET/OAM/OMCI/TR069
Internet connection	Support Routing Mode
Multicast	IGMP v1/v2/v3, IGMP snooping
	MLD v1/v2 snooping
VoIP	SIP andIMS SIP
	G.711a/G.711u/G.722/G.729 Codec
	Echo cancellation,VAD/CNG,DTMF Relay
	T.30/T.38 FAX
	Caller Identification/Call Waiting/Call Forwarding/Call Transfer/Call Hold/3-way
	Conference Line testing according to GR-909
WIFI	Wi-Fi 6: 802.11a/n/ac/ax 5GHz & 802.11g/b/n/ax 2.4GHz
	WiFi Encryption:WEP-64/WEP-128/ WPA/WPA2/WPA3
	Support OFDMA, MU-MIMO, Dynamic QoS, 1024-QAM
L2	802.1D&802.1ad bridge, 802.1p Cos,802.1Q VLAN
L3	IPv4/IPv6, DHCP Client/Server,PPPoE, NAT, DMZ, DDNS
Firewall	Anti-DDoS, Filtering Based on ACL/MAC
	/URL

 **Ordering Information :**

Product Name	Product Description	Accessories
SY-GPON-4010-AX3000	1XPON+1x2.5GE,+3x3GE+1POTS+WiFi6	AC-DC power adaptor: DC12V / 1.5A