

FTTH XPON ONT 2LAN WiFi-4

ST-XP121



Key Features :



Realtek Chipset
High Performance Solution



XPON Dual Mode
Automatically Access to
EPON/GPON



WiFi IEEE802.11b/g/n
2T2R 5dBi Antenna



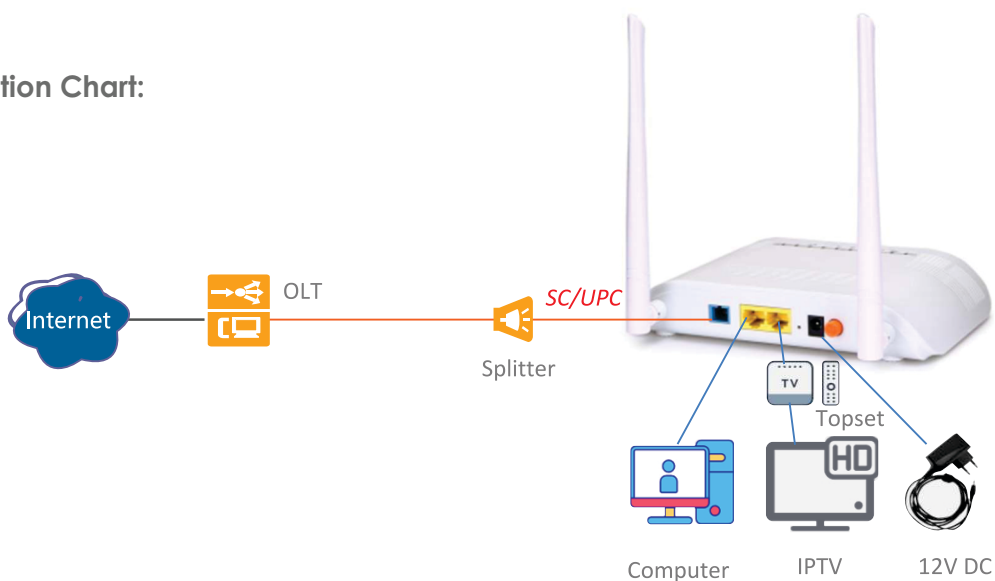
Powerful Firewall

Introduction:

ST-XP121 (1GE+1FE+WiFi 4 XPON ONT) is specially designed for different FTTH solutions. The ONT is based on a high-performance chipset (Realtek) technology solution, supporting IEEE802.11b/g/n WIFI technology and other Layer 2/Layer 3 functions, and can provide data services for carrier-grade FTTH applications.

The ONT has high reliability and is easy to manage and maintain. It has QoS guarantees for different services. It complies with the China Telecom CTC2.1/3.0 and international technical standards such as IEEE802.3ah, ITU-T G.984, etc.

Application Chart:



Hardware Parameter	
Dimension	185mmx120mmx34mm(LxWxH)
Net weight	0.24Kg
Operating condition	<ul style="list-style-type: none"> Operating temp: 0 ~ +50°C Operating humidity: 10 ~ 90% (non-condensed)
Storing condition	<ul style="list-style-type: none"> Storing temp:-30 ~ +60°C Storing humidity: 10 ~ 90% (non-condensed)
Power supply	≤7W
Power adapter	DC 12V/ 0.5A, external AC-DC power adaptor
Interfaces	1GE+1FE+WiFi4
Indicators	POWER,LOS,PON,GE,FE,WiFi

Interface Parameter	
PON interface	<ul style="list-style-type: none"> 1 XPON port(EPON PX20+ & GPON Class B+) 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
WiFi interface	<ul style="list-style-type: none"> IEEE802.11b/g/n (TX power:17dBm/16dBm /15dBm), Up to 300Mbps 2T2R, 5dBi external antenna Support 13 Channels
LAN interface	1*GE+1*FE,Auto-negotiation, RJ45 ports

Function Data	
XPON mode	Dual Mode , Can access EPON/GPON mainstream OLTs
Uplink Mode	Bridging and Routing Mode.
Firewall	Filtering Based on ACL/MAC/URL
Layer2	802.1D&802.1ad bridge,802.1p Cos,802.1Q VLAN.
Layer3	IPv4/IPv6 , DHCP Client/Server , PPPoE ,NAT , DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	<ul style="list-style-type: none"> WEB/TELNET/OAM/OMCI Support private OAM/OMCI protocol Unified network management of VSOL OLT.
WiFi	<ul style="list-style-type: none"> Authentication:WEP/WAP-PSK(TKIP)/WAP2-PSK(AES). Support multiple SSID



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