

1-Port Gigabit XPON Terminal

MODEL:XZ000-G6



Overview

TP-Link's 1-Port Gigabit XPON Terminal XZ000-G6 provides up to 2.488 Gbps downstream and 1.244 Gbps upstream bandwidth simultaneously. It meets the higher bandwidth demand of various high-bandwidth services. It also reduces both capital and operating expenditure, protecting ISPs' existing infrastructure investments.



High-Speed GPON Service

Full Gigabit Port-Fiber access provides incredibly fast transfer speeds.



Full Gigabit Wired

Supports maximum data rates of up to 2.488Gbps downstream, 1.244Gbps upstream.



Make Your Fiber-to- the-Home

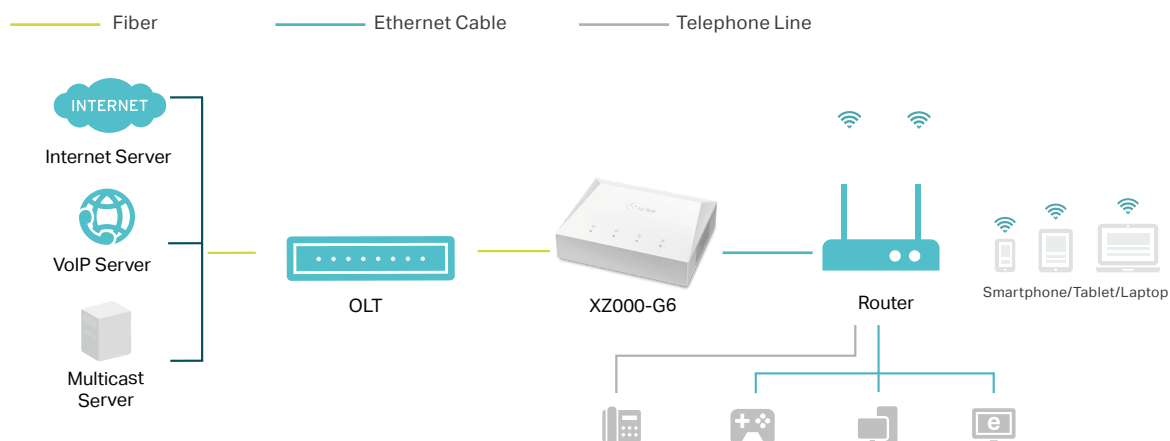
A Gigabit Passive Optical Network (GPON) terminal, which is ideal for fiber-to-the-home solutions.



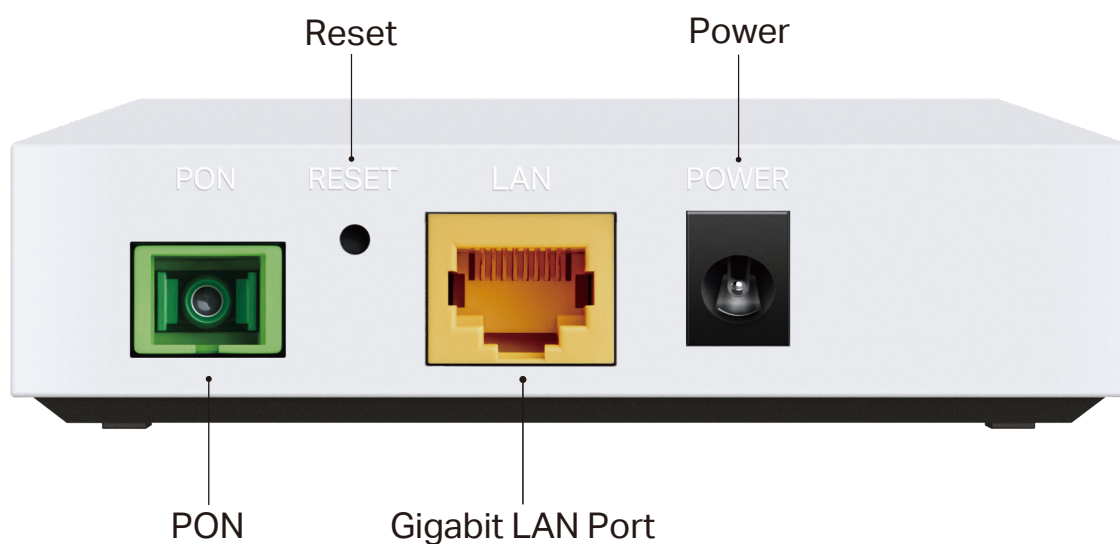
Easy Remote Management

Supports OMCI, easy to activate, configure and manage remotely.

Network Topology



Hardware Description



Specifications

Hardware

- Interface
1× 10/100/1000Mbps LAN Port, 1× SC/APC PON Port
- Button
Reset Button
- Power Adapter Input
100-240V/50-60Hz
- Power Adapter Output
9V/0.6A
- Dimensions (W * D * H)
3.7 x 3.0 x 1.2 in. (95.0 x 75.0 x 29.3 mm)

General Specifications

- GPON
ITU G. 984 standard, Class B+
2.488Gbps downstream/1.244Gbps upstream
- EPON
1000BASE-PX20+ symmetric
1.25Gbps downstream/upstream
- Wavelength
1490nm downstream/1310nm upstream
- Receiving sensitivity
GPON: -27dBm; EPON: -27dBm
- Saturated power
GPON: -8dBm; EPON: -3dBm
- Transmitting power
GPON: 0.5~5dBm; EPON: 0~4dBm
- Input optical power
-18dBm~0dBm
- Output reflection loss
>15dB 47MHz~1000MHz
- Transmitter
DFB Laser
- Receiver
PIN-TIA
- Distance
0 ~ 20Km Max

Software

- Protocols
Supports IPv4 and IPv6
- Working Mode
Bridge
- Features
GPON, DBA, FEC
- Management
Local management, OMCI
- VLAN
802.1Q tag VLAN
- VLAN Mode
Transparent/Translation/Trunk
- Authentication
Based on SN and Password, VLAN Auto Detect
- IGMP
IGMP v1/v2/v3
- Security
AES Encryption, Packet Filter based on VLAN
- Advanced Functions
Upstream and Downstream FEC, Dynamic Bandwidth Allocation(DBA) Support NSR/SR, Up to 16 T-CONTs and 256 GEM Ports, Optical Power Detection, Dying Gasp, Terminal Silent Mechanism

Others

- Certification
CE, RoHS
- Environment
Operating Temperature: 0°C~40°C (32°F~104°F),
Storage Temperature: -40°C~60°C (-40°F ~140°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- Package Contents
1-Port Gigabit XPON Terminal XZ000-G6
1× Power Adapter
1× Quick Installation Guide
1× GPL Statement