

1-Port Gigabit GPON Terminal

MODEL:XZ000-G3



Overview

TP-Link's XZ000-G3 Gigabit GPON Terminal provides up to 2.488 Gbps of uplink and 1.244 Gbps of downlink 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 and gigabit port provide incredibly fast transfer speeds.



Full Gigabit Wired

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



Make Fiber-to- the-Home Yours

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



Easy Remote Management

Supports OMCI, which make it easy to activate, configure and manage remotely.

Features



Speed

- Blazing Fast Wireless Speed
- Support 802.11 ac
- MU-MIMO Technology
- Gigabit Wired Speed



Wi-Fi Range

- Optimal Range Wi-Fi
- Wi-Fi with Beamforming



Reliability

- Simultaneous Dual Band
- Easy Bandwidth Management



Ease of Use

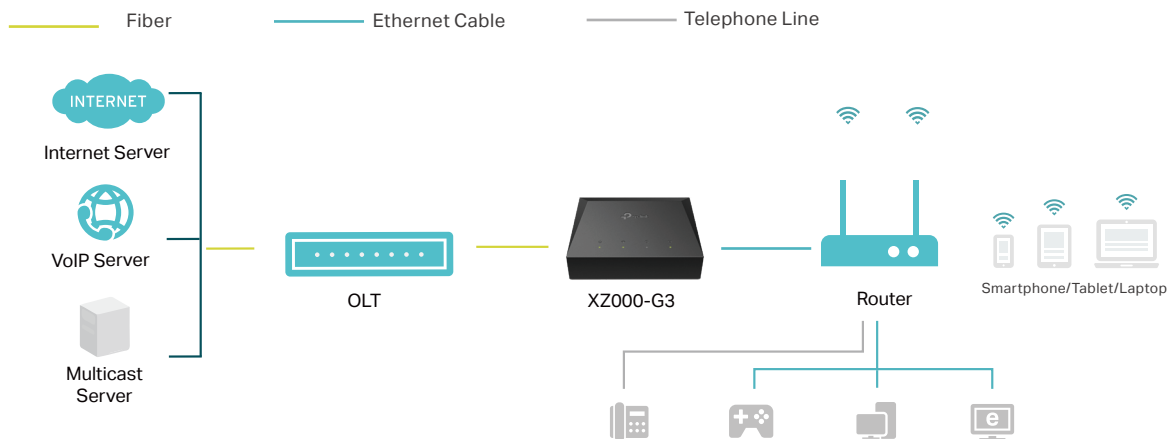
- Intuitive Web UI
- Fast Encryption
- Web UI Upgrade



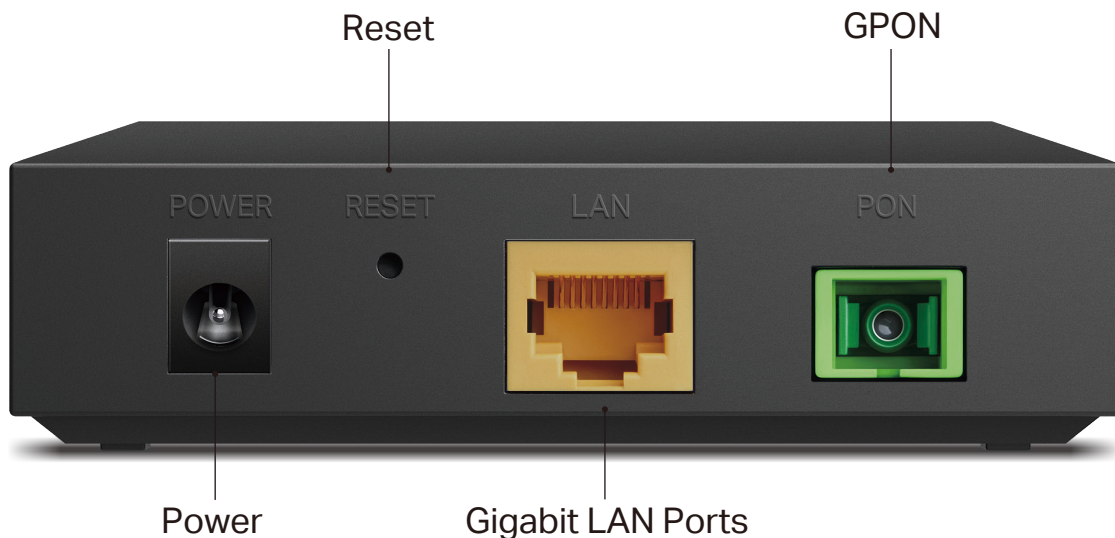
Security

- Multi-SSID
- Parental Control
- Encryptions for Secure Network

Network Topology



Hardware Description



Specifications

Hardware

- Interface
1*GE LAN Port, 1* GPON Port
- Button
Reset Button
- External Power Supply
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)
- Optical Module
Class B+
- GPON Standards
ITU-T G.988, G.984.1, G.984.2, G.984.3, G.984.4
- Transmitter
DFB Laser
- Receiver
PIN-TIA
- Data Rate
Upstream: 1.244Gbps Downstream: 2.488Gbps
- Wavelength
Upstream: 1310nm Downstream: 1490nm
- Distance
0 ~ 20Km Max

Software

- VLAN
802.1Q tag VLAN,
VLAN transparent mode/VLAN translation mode/VLAN trunk mode
Authentication based on SN and Password, VLAN Auto Detect
- IGMP
IGMP v1/v2/v3
- Security
AES Encryption, Packet Filter based on VLAN
- Management
Managed by Web, OMCI and Telnet, Specified the management IP,
Reset to Factory default by Reset button or Web UI,
Real-time statistics, Optical Diagnostic
- 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, FCC, RoHS
- System Requirements
Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or
other JavaScript-enabled browser
Cable or DSL Modem (if
needed) Subscription with an internet service provider (for internet
access)
- Environment
Operating Temperature: 0°C~40°C (32°F~104°F),
Storage Temperature: -40°C~70°C (-40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- Package Contents
1-Port Gigabit GPON Terminal XZ000-G3
Power Adapter
Quick Installation Guide
GPL Statement