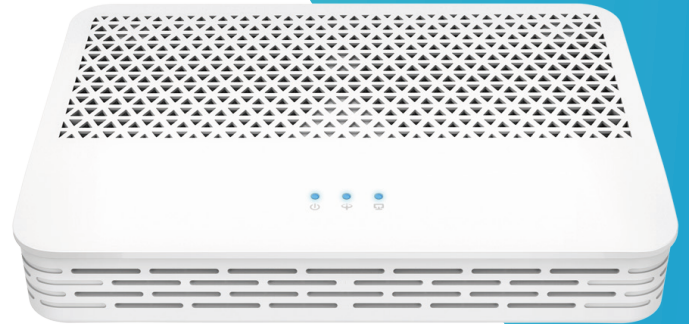


# 1-Port XGS-PON Terminal

MODEL: XGZ030 2.0



## Overview

TP-Link's XGZ030 XGS-PON Terminal provides up to 10 Gbps of uplink and 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.



### 10G Wired Performance

Supports XGS-PON + 10 Gbps LAN port to enable ultra-fast 10G network connections



### Bridge Mode

High-speed transparent transmission for the best signal



### Remote Management

Supports OMCI, enables an operator to remotely configure and manage end-user devices



### BOSA on Board Design

Support SC/APC port

## Features



### High Speed

Downstream and upstream rates up to 10Gbps



### Easy Management

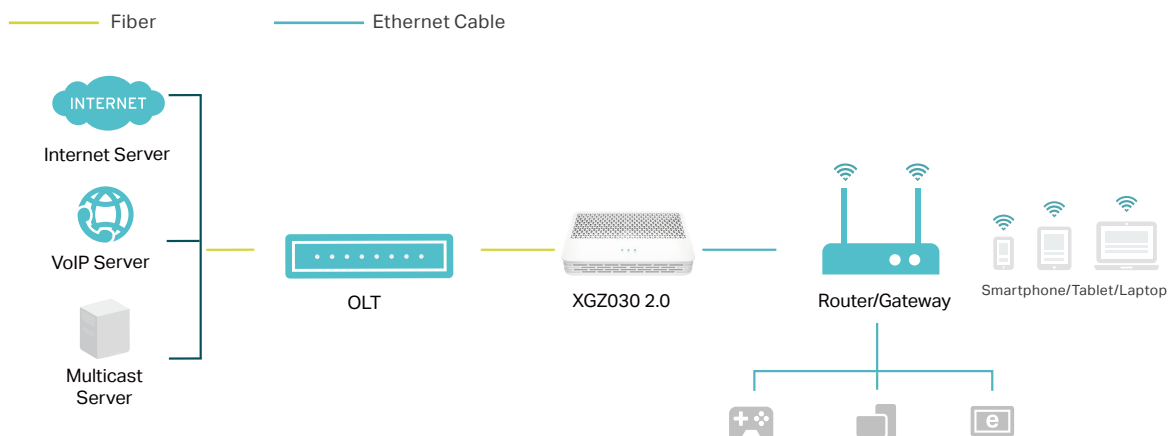
Supports OMCI (ONT Management Control Interface) remote management



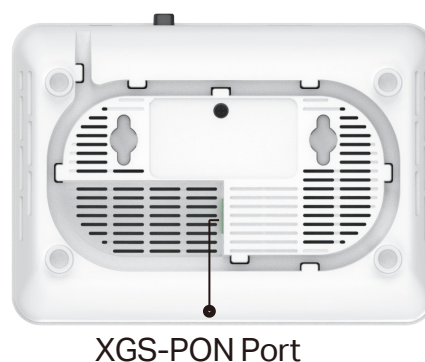
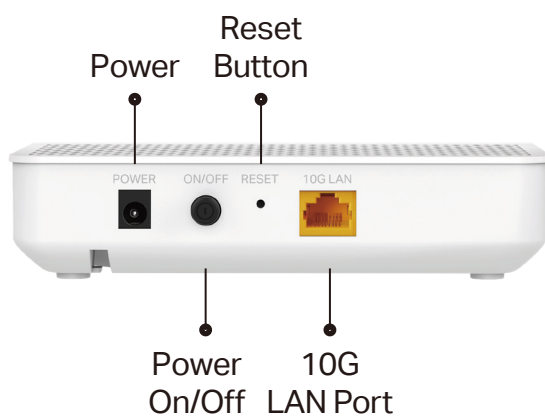
### Ease of Use

Quick and hassle-free installation  
Intelligent power-saving method

## Network Topology



## Hardware Description



# Specifications

## Hardware

- **Interface**  
1× 10GE LAN Port, 1× XGS-PON Port
- **Button**  
Power On/Off Button, Reset Button
- **External Power Supply**  
12V/1A
- **Dimensions (W \* D \* H)**  
6.19 × 4.42 × 1.46 in (157.2 × 112.4 × 37.0 mm)
- **Optical Module**  
Class E1
- **GPON Standards**  
ITU-T G.9807.1, ITU-T G.988
- **Transmitter**  
DFB Laser
- **Receiver**  
PIN-TIA
- **Data Rate**  
Upstream: 10 Gbps, Downstream: 10 Gbps
- **Wavelength**  
Upstream: 1270nm, Downstream: 1577nm
- **Distance**  
0 ~ 20Km Max
- **Flash**  
128M NAND Flash
- **RAM**  
256M DDR3

## Software

- **VLAN**  
802.1Q tag VLAN, Q in Q VLAN  
VLAN transparent mode/VLAN translation mode/VLAN trunk mode  
Authentication based on SN and Password
- **IGMP**  
IGMP v1/v2/v3
- **Security**  
AES Encryption, Packet Filter based on VLAN
- **Management**  
Managed by Web, OMCI and Telnet, TR-069/TR-098/TR-181/TR-143  
Specified the management IP,  
Reset to Factory default by Reset button or Web UI, Real-time statistics,  
Optical Diagnostic, Dual Image,  
Schedule Reboot, LED Schedule
- **Advanced Functions**  
Upstream and Downstream FEC,  
Dynamic Bandwidth Allocation(DBA) support NSR/SR, Up to 32 T-CONTs and 256 GEM Ports,  
Optical power detection, Dying Gasp,  
Terminal Silent mechanism,  
802.3az EEE Energy Conservation

## Others

- **Certification**  
CE, FCC, RoHS
- **Environment**  
Operating Temperature: 0°C~40°C (32°F~104°F),  
Storage Temperature: -40°C~60°C (-40°F ~140°F)  
Operating Humidity: 5% to 95%
- **Package Contents**  
1-Port XGS-PON Terminal XGZ030  
Power Adapter  
Quick Installation Guide