



# 1-Port Gigabit GPON Terminal



XZ000-G3



GE LAN



Remote Management

# Description



TP-LINK's XZ000-G3 is a next-generation Gigabit Passive Optical Network (GPON) terminal, ideal for Fiber to The Home solution. It's an incredibly robust device allowing users to access high-speed internet connections via its GPON port and share it with a Gigabit Ethernet port. With the transmission rates of up to 2.488Gbps, one GPON port and one Gigabit Ethernet port, the XZ000-G3 provides high-performance forwarding capabilities to ensure smooth VoIP, HD video streaming experiences.

# Features



## Speed

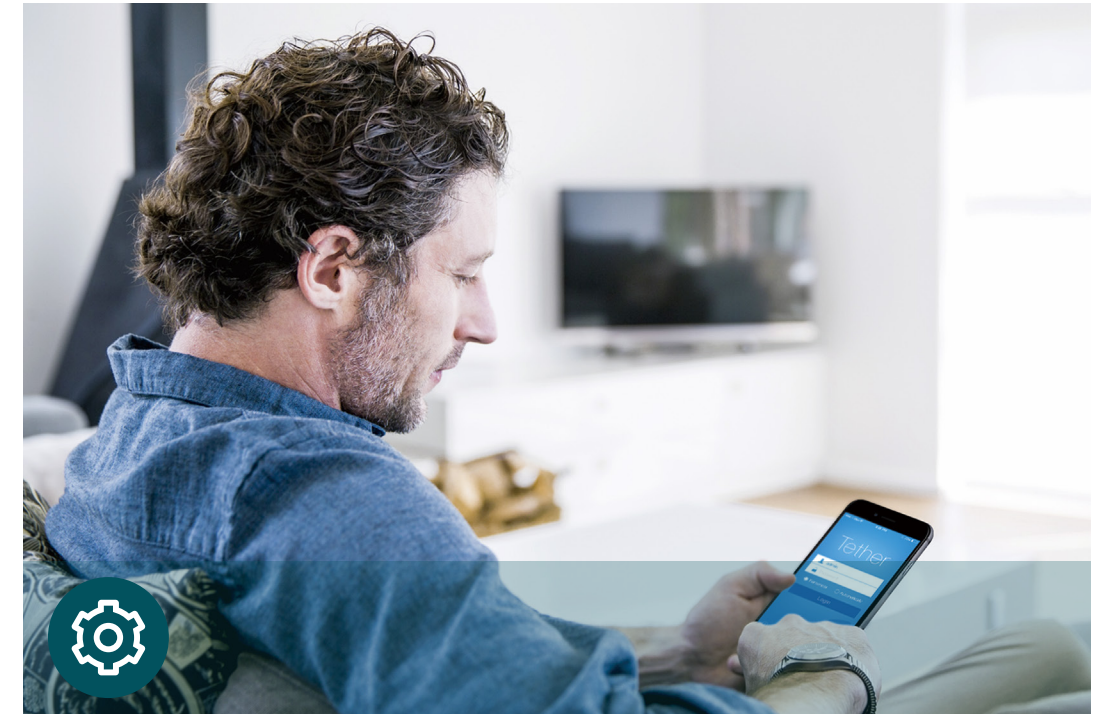
- Downstream rates of up to 2.488Gbps and upstream rates up to 1.244Gbps\*
- Gigabit port ensures rapid transfer speeds

\* Actual speed will vary depends on the bandwidth provided by your ISP



## Management

- Supports OMCI (ONT Management Control Interface) remote management
- Quality of Service control for traffic prioritization and bandwidth management



## Ease of Use

- Quick and hassle-free installation
- Intelligent power-saving method

# Specifications

## Hardware

- Interface: 1 10/100/1000Mbps RJ45 Port, 1 SC/APC Port
- Button: 1 RESET Button
- External Power Supply: 9VDC/0.6A
- Dimensions (W x D x H): 3.7 x 3.0 x 1.2 in. (95.0 x 75.0 x 29.3 mm)
- IEEE Standards: IEEE 802.3, 802.3u, 802.1p, 802.1Q
- Optical Module: Class B+
- Data Rate: Upstream: 1.244Gbps, downstream: 2.488Gbps
- Wavelength: Upstream: 1310nm, downstream: 1490nm
- Transmitter: DFB Laser
- Receiver: PIN-TIA
- Distance: 0 ~ 20Km Max
- GPON Standards: ITU-T G.984.1, G.984.2, G.984.3, G.984.4



## Software

- Quality of Service: Service Flow Classification based on VLAN, Schedule rules Support SP/WRR, Upstream Priority Label Support 802.1D User Priority, Rate Limit and Traffic shaping, Congestion Control Support Tail-Drop
- VLAN: 802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode, Authentication based on SN and Password, VLAN Auto Detect
- Advanced Features: 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, 802.3az EEE Energy Conservation
- 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
- IGMP: GMP v2/v3, IGMP Snooping



# Specifications

## Others

- Certification

CE, FCC, RoHS

- System Requirements

Microsoft® Windows 10/8/7/Vista/XP, MAC® OS, NetWare®, UNIX® or Linux

- 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

