TP-LINK ®

1-Port Gigabit GPON Terminal

TX-6610

◉ Features：

- Complies with ITU G.984.1, ITU G.984.2, ITU G.984.3 and ITU G.984.4 provides users comprehensive GPON network compatibility
- Downstream rates of up to 2.488Gbps and upstream rates up to 1.244Gbps*
- Gigabit port ensures rapid transfer speeds
- Quality of Service control for traffic prioritization and bandwidth management
- Quick and hassle-free installation
- Intelligent power-saving method

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

◉ Description：

TP-LINK's TX-6610 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 TX-6610 provides high-performance forwarding capabilities to ensure smooth VoIP, HD video streaming experiences.

◉ Specifications：

HARDWARE FEATURES	
Interface	1 10/100/1000Mbps RJ45 Port 1 SC/UPC Port
Button	1 Power On/Off Button 1 RESET Button
External Power Supply	9VDC/0.6A
Dimensions (W x D x H)	4.0*1.5*4.2 in.（102.7 x 37.9 x 106.9mm）
IEEE Standards	IEEE 802.3, 802.3u, 802.1Q
Optical Module	Class B+
Data Rate	Upstream: 1.244Gbps Downstream: 2.488Gbps
Wavelength	Upstream: 1310nm Downstream: 1490nm

Transmitter	DFB Laser
Receiver	APD-TIA
Distance	0 ~ 20Km Max
GPON Standards	ITU-T G.984.1, G.984.2, G.984.3, G.984.4

SOFTWARE FEATURES

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 7 T-CONTs and 4095 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	IGMP v2/v3 IGMP Snooping/Proxy

OTHERS

Certification	CE, FCC,RoHS
System Requirements	Microsoft® Windows 8/7/Vista/XP, MAC® OS, NetWare®, UNIX® or Linux.
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉) Storage Temperature: -40℃~70℃ (-40℉~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

◉ Diagram:

Wired

INTERNET

AC1750 Wireless Dual Band
Gigabit Router
Archer C7

Set-Top Box & IPTV

Laptop Gaming Console Tablet Smart phone

Package Contents:

- 1-Port Gigabit GPON Terminal
  TX-6610
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Resource CD
- Power Adapter

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