AX1800 Dual Band Wi-Fi 6 GPON Router

MODEL:XX230v

Overview

Compliant with the ITU-T G.984 GPON standards, XX230v supports maximum data rates of up to 2.488Gbps downstream and 1.244Gbps upstream. Along with a 10/100/1,000Mbps WAN/LAN port and 3 10/100/1,000Mbps LAN ports, users can enjoy high-speed GPON services and bandwidth-intensive multimedia applications—such as interactive gaming, streaming, and real-time audio—much faster and easier than ever before.

Wi-Fi 6

802.11ax Technology

Create a seamless Wi-Fi network in your home with the revolutionary combination of OFDMA, MU-MIMO, and Beamforming technologies

Ultimate Wireless Speed

Combined wireless speeds of up to 574 Mbps (over 2.4 GHz) and 1201 Mbps (over 5 GHz)

Supports EasyMesh

Adopts EasyMesh technology, which has further improved and standardized Wi-Fi functions, such as Wi-Fi diagnostics, channel selection and traffic separation

Easy Remote Management

Supports Aginet APP, OMCI, TR-069, TR-098, and TR181 now and can be upgraded through software to support TAUC cloud management.

tp-link | **Aginet**

Features

**AX1800
Dual-Band Wi-Fi 6**
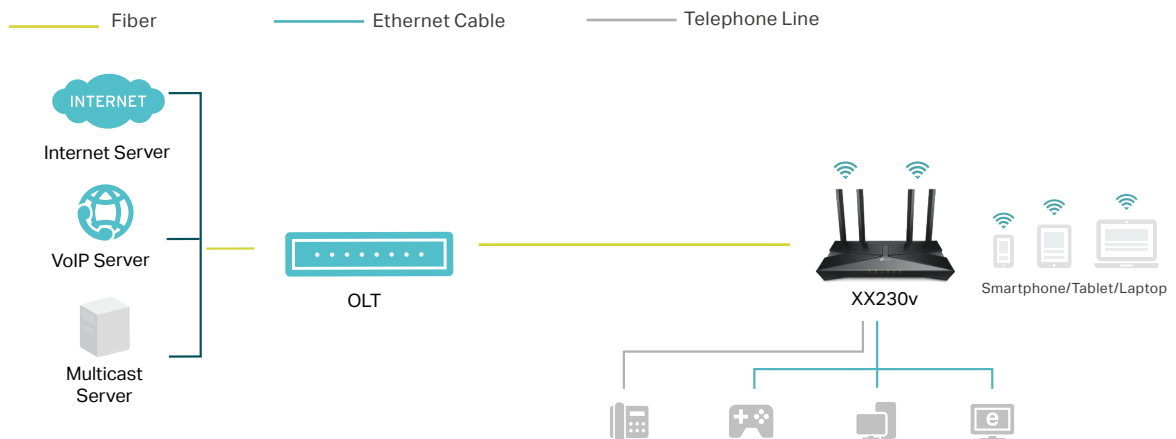
1201 Mbps (5 GHz) + 574
Mbps (2.4 GHz)

**VoLTE/VoIP
Telephony**

Support VoIP base functions

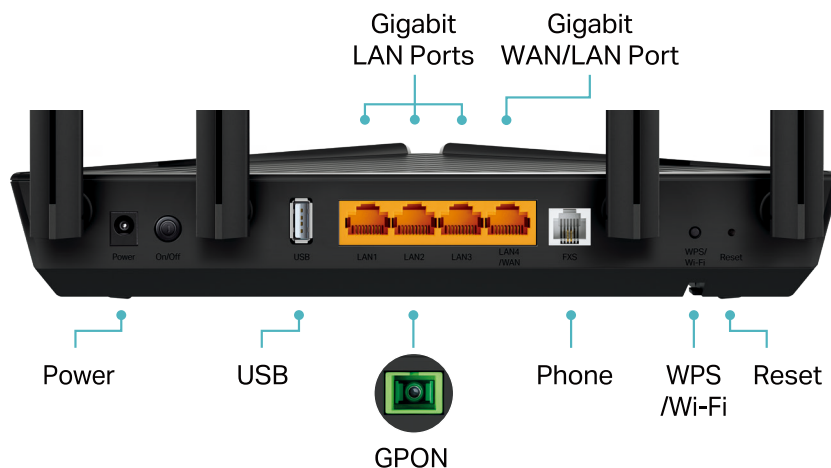**Full Gigabit Ports
and USB 2.0**

1x GE WAN/LAN + 3x GE LAN
+ 1x FXS + 1x USB 2.0 ports

Network Topology

Fiber   Ethernet Cable   Telephone Line

INTERNET

Internet Server

VoIP Server

Multicast
Server

OLT

XX230v

Smartphone/Tablet/Laptop

Hardware Description

Gigabit
LAN Ports

Gigabit
WAN/LAN Port

Power   USB   GPON   Phone   WPS
/Wi-Fi   Reset

Specifications

Hardware

- **Interface**
  1 10/100/1000 Mbps WAN/LAN Port,
  3 10/100/1000 Mbps LAN Ports,
  1 USB 2.0 Port, 1 FXS Port, 1 SC/APC GPON Port

- **Button**
  Power On/Off Button, WPS/Wi-Fi Button, Reset Button

- **External Power Supply**
  12V/1.5A

- **Dimensions (W * D * H)**
  10.2 × 5.3 × 16.4 in (260.2 × 135.0 × 416 mm)

- **Antenna**
  4 High-Performance External Antennas

Wireless

- **Wireless Standards**
  IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz

- **Frequency**
  2.4 GHz and 5 GHz

- **Signal Rate**
  1201 Mbps at 5 GHz, 574 Mbps at 2.4 GHz

- **Transmit Power**
  CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz)

- **Wireless Function**
  Enable/Disable Wireless Radio, Wireless Schedule, WMM,
  Wireless Statistics

- **Mesh**
  EasyMesh, IEEE 802.11k/v/r, Self-healing, Seamless
  Roaming

- **Wireless Security**
  WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES), WPA2
  PSK/WPA PSK mixed mode 802.1x(WPA2 Enterprise)

- **Wireless Schedule**
  Support 2.4 GHz and 5 GHz Wireless Schedule

Software

- **DHCP**
  Server, DHCP Client List, Address Reservation

- **Quality of Service**
  Hardware QoS, Flow Classification

- **VPN Server**
  PPTP VPN, IPSec VPN , OpenVPN

- **Firewall Security**
  DoS, IPv4 SPI Firewall, IPv6 Firewal, IP and MAC Address Binding,
  Access Control

- **Dynamic DNS**
  TP-Link, DynDns, NO-IP

- **Protocols**
  IPv4, IPv6

- **USB**
  Samba, FTP, DLNA Server

- **Management**
  Local Management, Remote Management, Aginet APP,
  TR069(TR-098/TR-181)

- **Advanced Functions**
  VoIP, Parental Controls, Port Forwarding, TX Beamform-
  ing, MU-MIMO, supports IGMP Proxy V1/V2/V3 and IGMP
  Snooping, Airtime Fairness, Band Steering, Milti-SSID,
  Wi-Fi Schedule

Others

- **Certification**
  CE

- **Environment**
  Operating Temperature: 0℃~40℃ (32°F~104°F),
  Storage Temperature: -40℃~70℃ (-40°F ~158°F)

- **Package Contents**
  AX1800 Dual-Band Wi-Fi 6 GPON Router
  Power Adapter
  RJ45 Ethernet Cable
  Quick Installation Guide