# 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.

### 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.

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## Features

### AX1800 Dual-Band Wi-Fi 6

1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

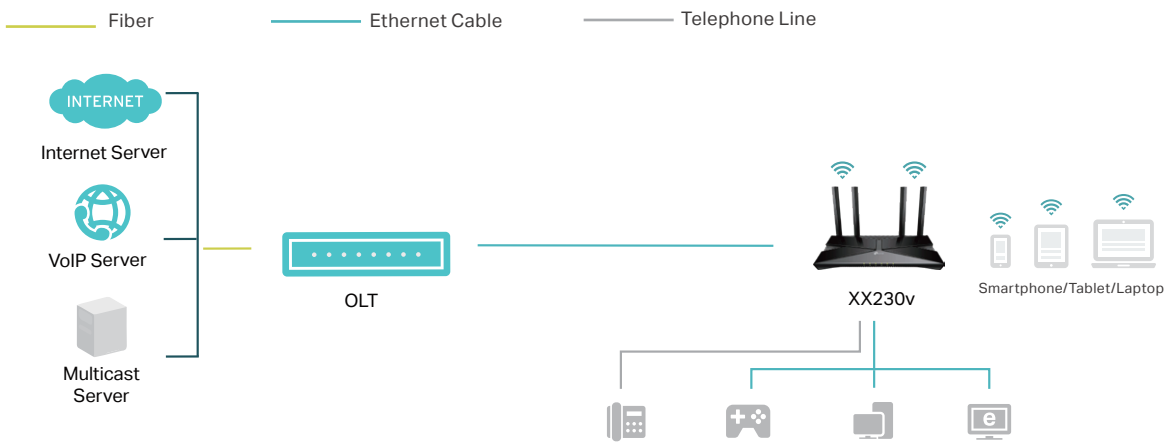
### VoLTE/VoIP Telephony

Support VoIP and DECT base functions

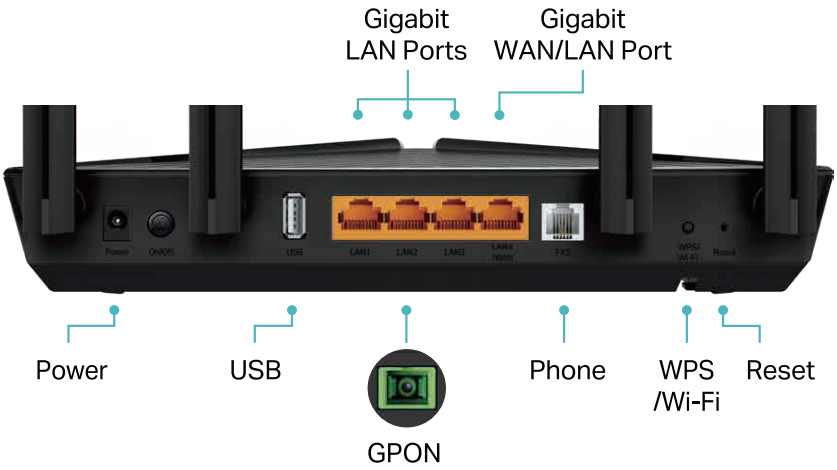
### Full Gigabit Ports and USB 2.0

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

## Network Topology




## Hardware Description



# 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 Beamforming, 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°C~40°C (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