

AX3000 Dual Band Wi-Fi 6 GPON Router

MODEL:XX530v



Overview

Compliant with the ITU-T G.984 GPON standards, XX530v 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 video—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 2402 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.



Features



AX3000 Dual-Band Wi-Fi 6

2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)



Telephony

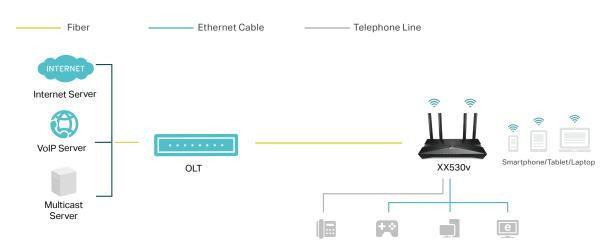
Support VoIP base functions



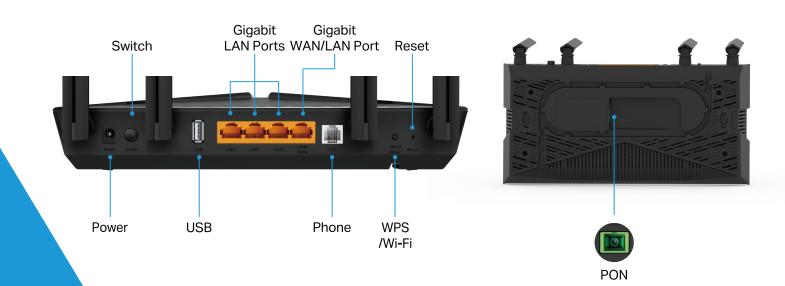
Full Gigabit Ports and USB 2.0

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

Network Topology



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/2A
- Dimensions (W * D * H) 10.2 × 5.3 × 1.9 in (260.2 × 135.0 × 49 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 2402 Mbps at 5 GHz, 574 Mbps at 2.4 GHz
- Transmit Power EU: <20 dBm (2.4 GHz), <23 dBm (5 GHz) US: <26 dBm (2.4 GHz), <28 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

Others

- Certification
 - CE
- Environment

Operating Temperature: 0°C~40°C (32°F~104°F), Storage Temperature: -40°C~60°C (-40°F ~140°F)

Package Contents

AX3000 Dual-Band Wi-Fi 6 GPON Router XX530v Power Adapter RJ45 Ethernet Cable Quick Installation Guide

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

General Specifications

• GPON

ITU G. 984 standard, Class B+ 2.488Gbps downstream/1.244Gbps upstream

- Wavelength
 1490nm downstream/1310nm upstream
- Receiving sensitivity
 GPON: -27dBm
- Saturated power
 GPON: -8dBm
- Transmitting power
 GPON: 0.5~5dBm
- Transmitter DFB Laser
- Receiver
 PIN-TIA
- Distance
 0 ~ 20Km Max