

AX3000 Dual Band Wi-Fi 6 XPON Router

MODEL:XX534v



Overview

Compliant with the ITU-T G.984 GPON standards, XX534v 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.

Features



AX3000 Dual-Band Wi-Fi 6

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



VoIP Telephony

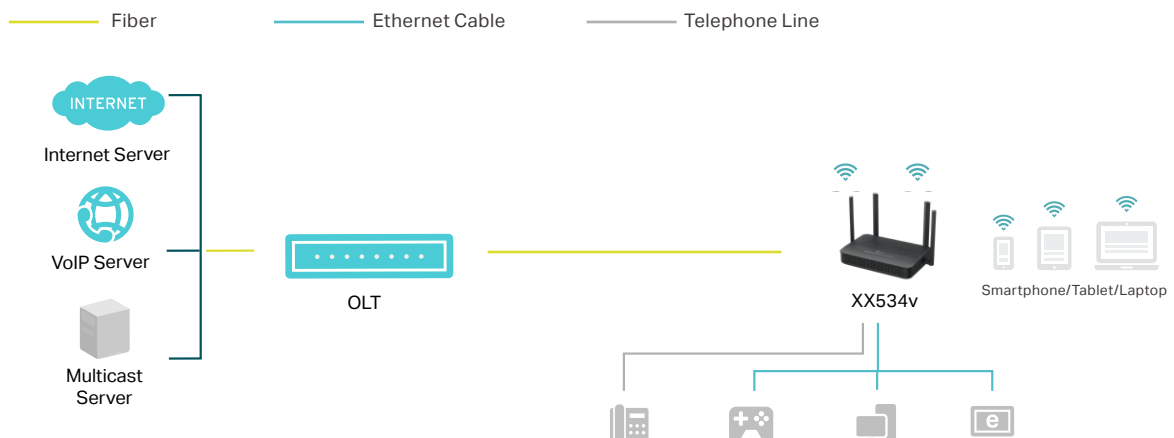
Support VoIP base functions



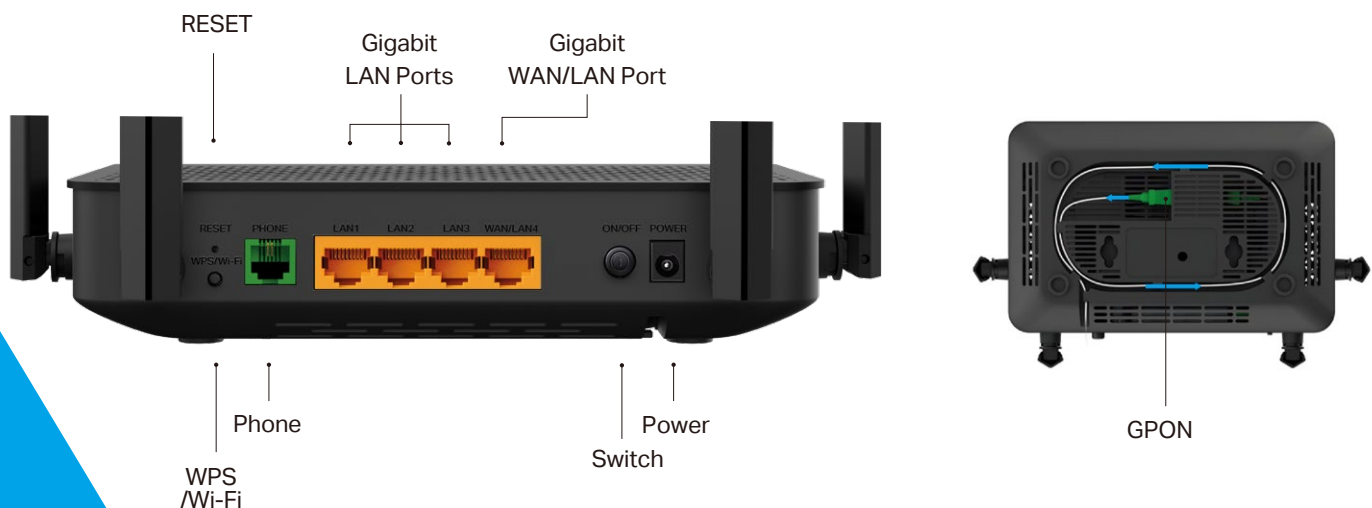
Full Gigabit Ports

1x GE WAN/LAN + 3x GE LAN
+ 1x FXS

Network Topology



Hardware Description



Specifications

Hardware

- **Interface**
1 × 10/100/1000 Mbps WAN/LAN Port,
3 × 10/100/1000 Mbps LAN Ports,
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)**
8.0 × 5.2 × 1.8 in (203 × 132.4 × 45.7 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
- **Signal Rate**
2402 Mbps at 5 GHz, 574 Mbps at 2.4 GHz
- **Transmit Power**
EU1: <20 dBm (2.4 GHz), <23 dBm (5 GHz)
US1: <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

- **Frequency**

Band	US1	EU1
2.4G	2402-2472MHz (1-11)	2402-2482MHz (1-13)
5G	5170-5250MHz (band1) 5250-5330MHz (band2) 5490-5730MHz (band3) 5735-5835MHz (band4)	5170-5250MHz (band1) 5250-5330MHz (band2) 5490-5725MHz (band3)

Software

- **DHCP**
Server, DHCP Client List, Address Reservation
- **Quality of Service**
Hardware QoS, Flow Classification
- **Firewall Security**
DoS, IPv4 SPI Firewall, IPv6 Firewall, IP and MAC Address Binding, Access Control
- **Dynamic DNS**
TP-Link, DynDns, NO-IP
- **Protocols**
IPv4, IPv6
- **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, Multi-SSID, Wi-Fi Schedule

General Specifications

- **GPON**
ITU G. 984 standard, Class B+
2.488Gbps downstream/1.244Gbps upstream
- **EPON**
1000BASE-PX20+symmetric
1.25Gbps downstream/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

Others

- **Package Contents**
AX3000 Dual-Band Wi-Fi 6 XPON Router XX534v
Power Adapter
RJ45 Ethernet Cable
Quick Installation Guide
- **Certification**
CE
- **Environment**
Operating Temperature: 0°C~40°C (32°F~104°F),
Storage Temperature: -40°C~60°C (-40°F ~140°F)