

BE3600 Dual-Band Wi-Fi 7 GPON Router

MODEL:XB230v Pro



Overview

XB230v Pro is a premium GPON dual-band VoIP router based on the next-gen Wi-Fi 7 technology. It can deliver fastest Wi-Fi speeds to multiple devices all at once with less interference and congestion while being backwards compatible with Wi-Fi 6/5/4 devices. It also equipped with a 2.5GE WAN/LAN port for direct Ethernet internet access and multiple 1GE ports for fast and reliable wired connection. Perfect for FTTH deployment and a fully connected home.

Features



BE3600 Dual-Band Wi-Fi

Deliver total Wi-Fi speeds up to 3.6 Gbps across 5 GHz and 2.4 GHz bands for even faster speeds, lower latency, and better online experience.



Multi-Gig Wired Connection

Take full use of the bandwidth speeds through a 2.5GE WAN/LAN port and three GE LAN ports for blazing-fast wired connections.



EasyMesh Compatible

Create smart mesh Wi-Fi network to cover every corner of a home with great flexibility based on standard mesh technology.



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



BE3600 Dual-Band Wi-Fi 7

2880 Mbps (5 GHz) +
688 Mbps (2.4 GHz)



VoIP Telephony

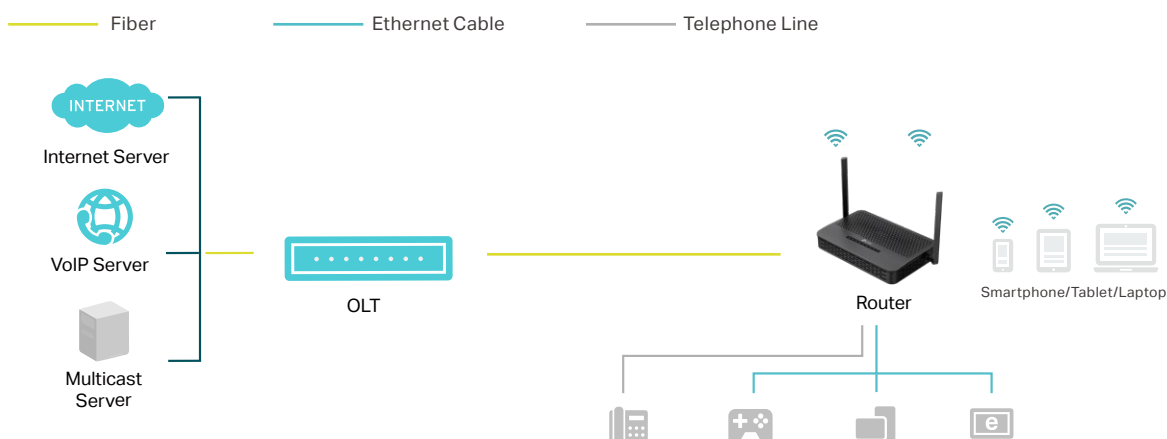
Support VoIP base functions



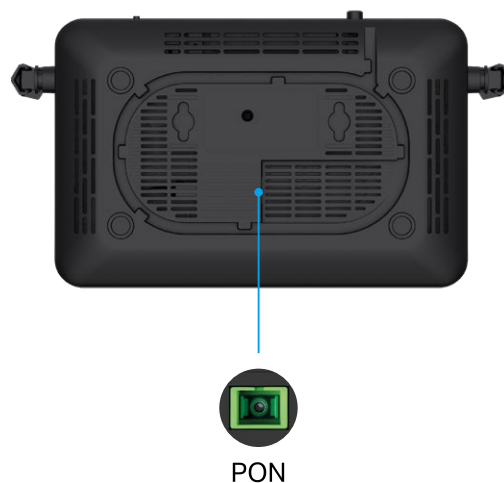
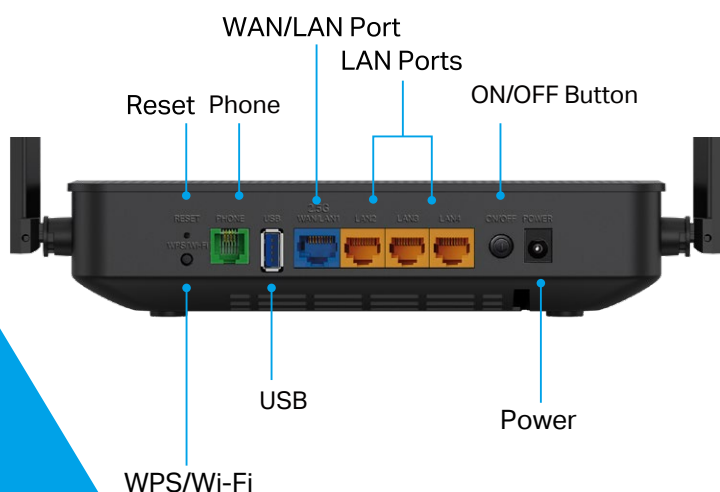
Full Gigabit Ports and USB 3.0

1× 2.5G WAN/LAN + 3× GE LAN +
1× FXS + 1× USB 3.0 + 1× SC/APC
GPON port

Network Topology



Hardware Description



Specifications

Hardware

- **Interface**
1× 2.5GE RJ45 WAN/LAN Port,
3× GE RJ45 LAN Ports,
1× USB 3.0 Port, 1× RJ11 FXS Port, 1× SC/APC GPON Port
- **Button**
Power On/Off Button, WPS/Wi-Fi Button, Reset Button
- **Dimensions (W * D * H)**
8.0 × 5.2 × 1.8 in (203×132.4×45.7 mm)
- **Antenna**
2 High-Performance External Dual-Band Antennas and 1 Internal 5GHz Antenna

Wireless

- **Wireless Standards**
IEEE 802.11a/n/ac/ax/be 5 GHz, IEEE 802.11b/g/n/ax/be 2.4 GHz
- **Frequency**
2.4 GHz and 5 GHz
- **Signal Rate**
2880 Mbps at 5 GHz, 688 Mbps at 2.4 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**
No Security, Enhanced Open, WPA-PSK(TKIP)/WPA2-PSK(AES), WPA2-PSK(AES), WPA2-PSK(AES)/WPA3-Personal, WPA3-Personal, 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**
1× BE3600 Dual-Band Wi-Fi 7 GPON Router XB230v Pro
1× Power Adapter
1× RJ45 Ethernet Cable
1× 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 Firewall, 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), TAUC(TR-369)
- **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
- **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