

BE7200 Dual-Band Wi-Fi 7 XGS-PON Router

MODEL: XGB430v Pro



Overview

XGB430v Pro is a premium XGS-PON 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 6E/6/5/4 devices. It also equipped with a 10GE WAN/LAN port for direct Ethernet internet access and multiple multi-gig ports for fast and reliable wired connection. Perfect for FTTH deployment and a fully connected home.



BE7200 Dual-Band Wi-Fi

Deliver total Wi-Fi speeds up to 7.2 Gbps across 5 GHz and 2.4 GHz bands for even faster speeds, lower latency, and better online experience.



10G Symmetrical Connection

XGS-PON technology provides up to 10 Gbps for both downstream and upstream simultaneously, meeting higher demand of various high-bandwidth services with high-quality.



Multi-Gig Wired Connection

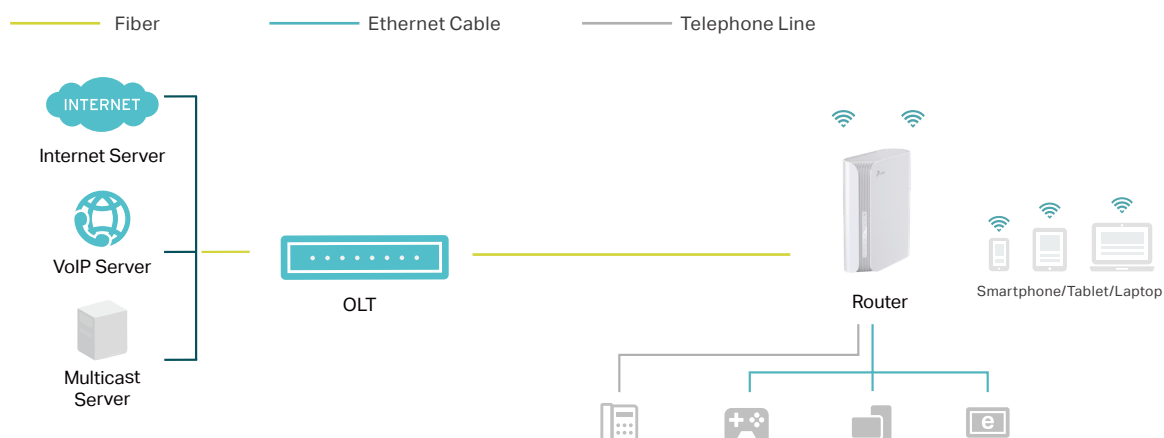
Take full use of the bandwidth speeds to 10 Gbps through a 10G WAN/LAN port and four GE LAN ports for blazing-fast wired connections.



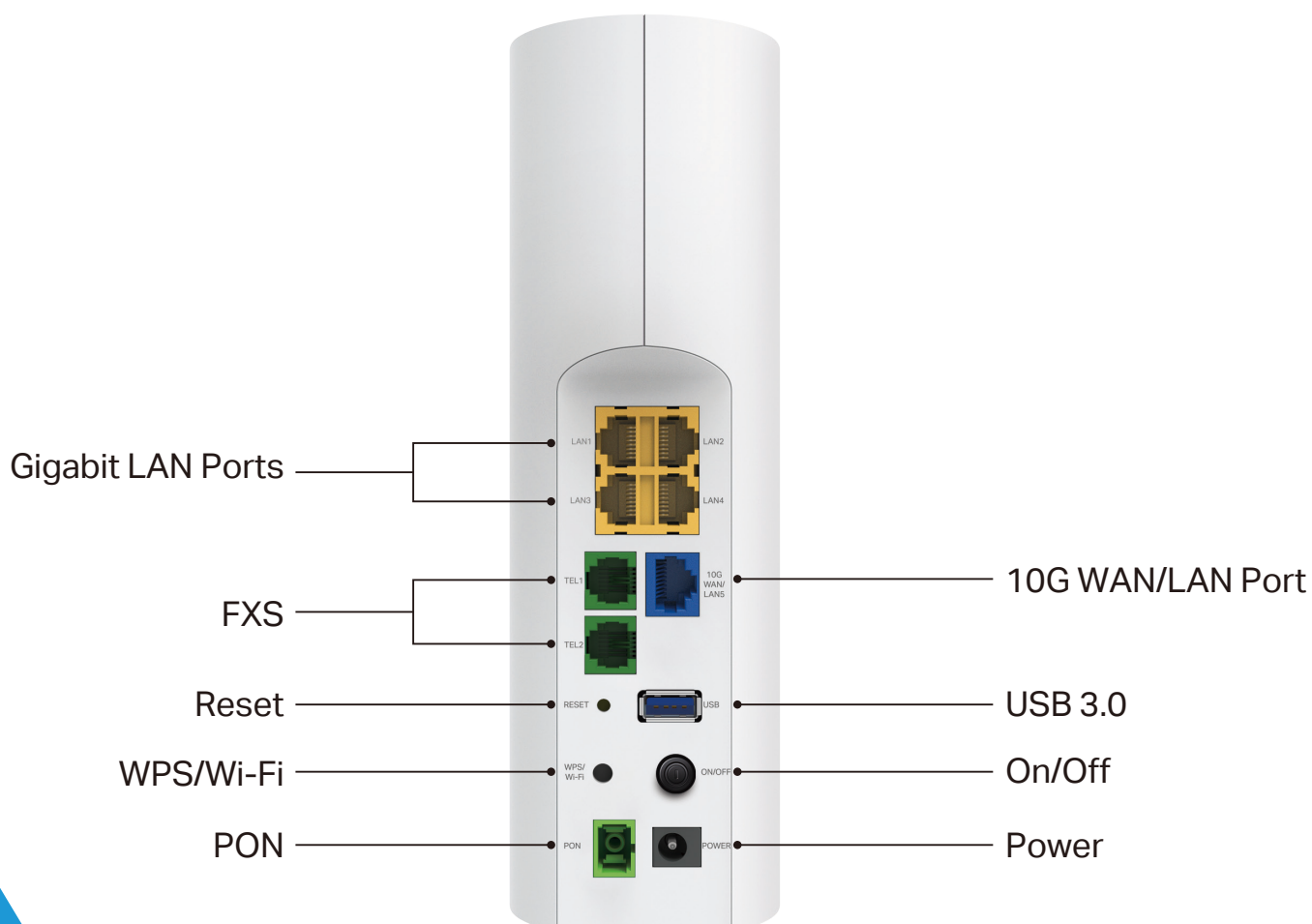
EasyMesh Compatible

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

Network Topology



Hardware Description



Specifications

Hardware

- **Interface**
1× SC/APC PON Port,
1× 10G WAN/LAN Port,
4× 10/100/1000 Mbps LAN Ports,
2× FXS Ports, 1× USB 3.0 Port
- **Power Adapter Input**
100-240V/50-60Hz
- **Power Adapter Output**
12V/2.5A
- **Button**
WPS/Wi-Fi Button, Reset Button,
Power On/Off Button
- **Dimensions (W * D * H)**
7.44 × 2.76 × 8.58 in. (189 × 70 × 218 mm)
- **Flash/RAM**
256MB Flash / 512MB RAM

Software

- **Protocols**
Supports IPv4 and IPv6
- **Working Mode**
Router
- **Multi-SSID**
Up to 3 SSIDs for each band
- **Management**
Local Management, Remote Management, TR-069(TR-098),
TR-143
- **DHCP**
Server, Client
- **Firewall Security**
SPI Firewall, DDoS, Access Control, IP-MAC binding
- **WAN Connection Type**
Dynamic IP/Static IP/PPPoE
- **IGMP**
Support IPTV, IGMPV2/3 and IGMP Snooping/Proxy
- **Routing**
Static Routing, RIP
- **NAT Forwarding**
ALG, Virtual Server, Port Triggering, DMZ, UPnP
- **DDNS**
NO-IP, DynDNS
- **Quality of Service**
WMM
- **Parental Control**
- **Wi-Fi Schedule**

General Specifications

- **XGS-PON**
ITU G.9807.1 standard, Class B+
- **Data Rate**
10Gbps downstream/10Gbps upstream
- **Wavelength**
1577nm downstream/1270nm upstream
- **Transmitter**
DFB Laser
- **Receiver**
PIN-TIA
- **Distance**
0 ~ 20Km Max

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 / 5 GHz(band1/band2/band3)
- **Signal Rate**
5760 Mbps at 5 GHz,
1376 Mbps at 2.4 GHz
- **Wireless Security**
WPA/WPA2/WPA3-PSK
- **Zero-wait DFS**
- **Band Steering**
- **EasyMesh**
- **MLO**

Others

- **Certification**
CE, RoHS
- **Environment**
Operating Temperature: 0°C~40°C (32°F~104°F),
Storage Temperature: -40°C~70°C (-40°F ~158°F)
Operating Humidity: 5%~95% non-condensing
Storage Humidity: 5%~90% non-condensing
- **Package Contents**
BE7200 Dual-Band Wi-Fi 7 XGS-PON Router XGB430v Pro
1× RJ45 Ethernet Cable
1× Power Adapter
1× Quick Installation Guide
1× GPL Statement