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BE7200 Dual-Band Wi-Fi 7 GPON Router

MODEL: XB430v

Overview

XB430v 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 6E/6/5/4 devices. It also equipped with a 2.5G 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.

VoIP Telephony

With 2 FXS ports, users can make or receive phone calls over the Internet simply by connecting the device to their existing telephone set

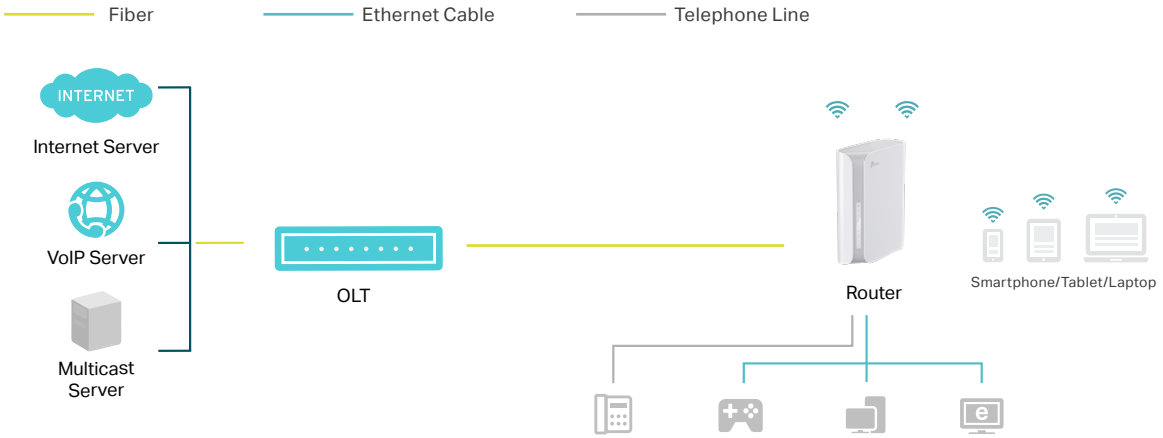
Multi-Gig Wired Connection

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

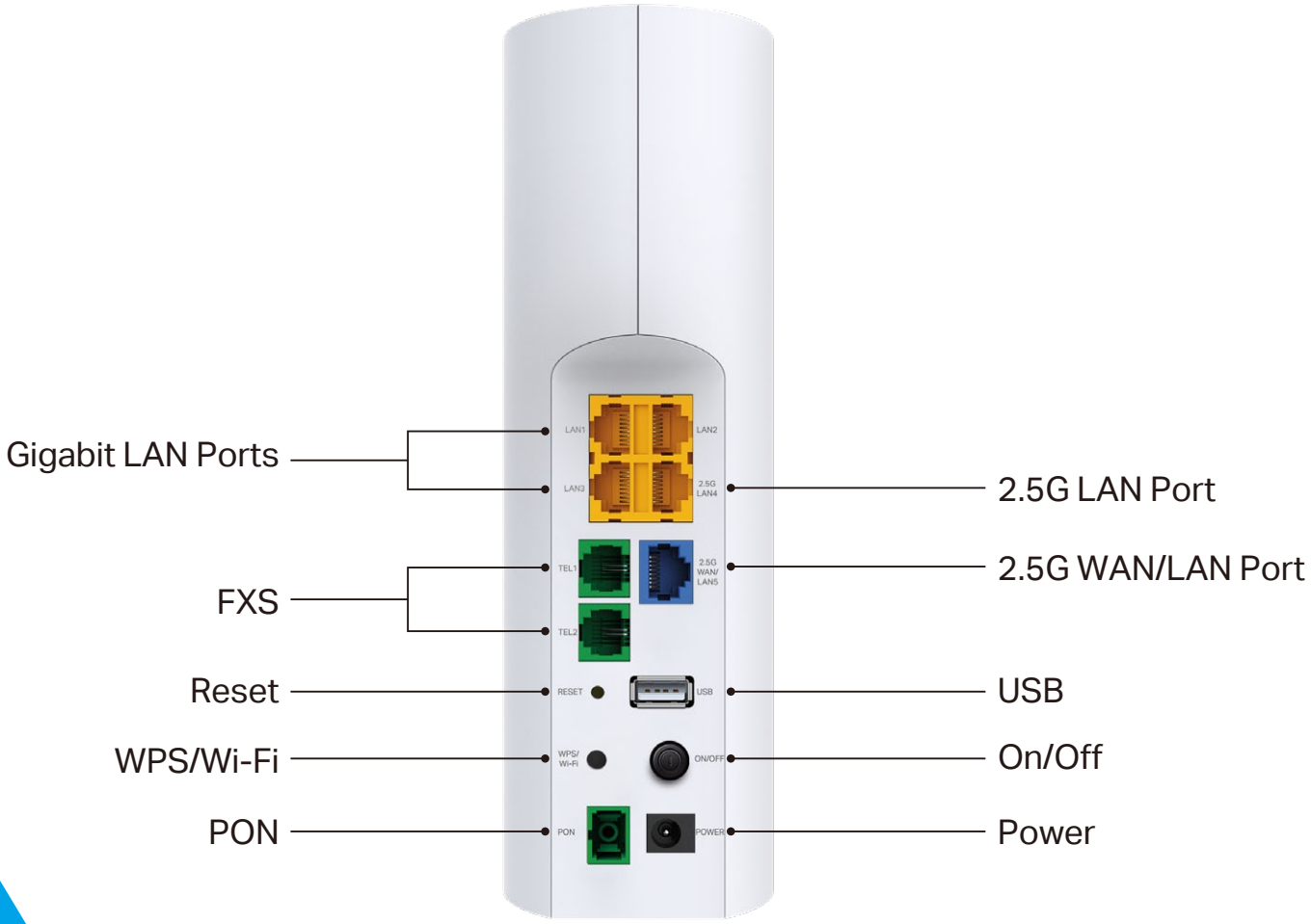
EasyMesh Compatible

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

Network Topology



Hardware Description



Specifications

Hardware

- Interface
  1× SC/APC GPON Port,
  1× 10/100/1000/2500 Mbps WAN/LAN Port,
  1× 10/100/1000/2500 Mbps LAN Port,
  3× 10/100/1000 Mbps LAN Ports,
  2× FXS Ports, 1× USB 2.0 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
- Routering
  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

- GPON
  ITU G.984, Class B+, G.988 series standard
- Data Rate
  2.488Gbps downstream/1.244Gbps upstream
- Wavelength
  1490nm downstream/1310nm upstream
- Receiving Sensitivity
  GPON: -27dBm
- Saturated Power
  GPON: -8dBm
- Transmitting Power
  GPON: 0.5~5dB
- 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
- Signal Rate
  5764 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 GPON Router XB430v
  1× RJ45 Ethernet Cable
  1× Power Adapter
  1× Quick Installation Guide
  1× GPL Statement