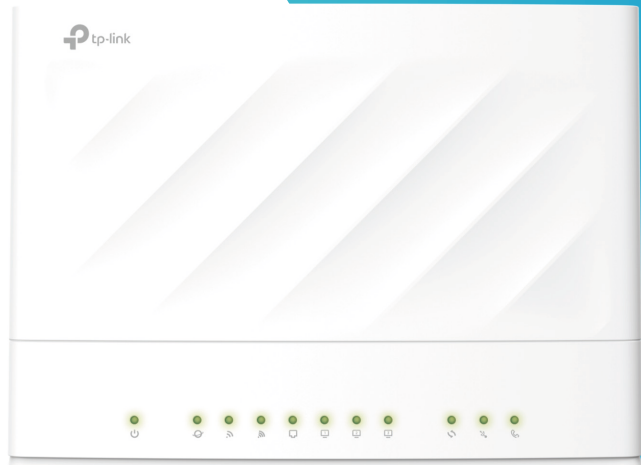


AX1800 Dual-Band Wi-Fi 6 Gigabit VoIP Router

MODEL: EX230v



Overview

EX230v is a Wi-Fi 6 (802.11ax) dual-band VoIP wireless router with full gigabit ports. Take the Wi-Fi experience to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi devices. Perfect for FTTH deployment and a connected home.



AX1800 Dual Band Wi-Fi

Deliver total Wi-Fi speeds up to 1.8 Gbps (1201 Mbps on 5 GHz, and 574 Mbps on 2.4 GHz) based on 802.11ax Wi-Fi technology.



Gigabit Internet Access

Take full advantage of the broadband with speed up to 1 Gbps through a gigabit WAN port and three gigabit Ethernet LAN ports for fast and reliable wired connections.



Supports VoIP Calls

Support multiple VoIP accounts and various call features, such as caller ID, call waiting, call holding and call forwarding to surpass traditional landlines.



Easy Remote Management

TR-069 and TR-369 protocols, Aginet app, and TAUC (TP-Link Aginet Unified Cloud) are supported, service providers can manage multiple devices remotely.

Features



Faster Wireless Connection

Combined with the new Wi-Fi technology, including 1024QAM, HE80 and 4x Longer OFDM Symbol, EX230v achieves Wi-Fi performance at an ultimate level. EX230v is faster than ever, leading up to 574 Mbps on the 2.4GHz band and 1201Mbps on the 5GHz band.



Cater for Standardized Mesh Technology

EasyMesh is a standard mesh technology developed by Wi-Fi Alliance. EX230v adopts EasyMesh technology, which has further improved and standardized Wi-Fi functions, such as Wi-Fi diagnostics, channel selection and traffic separation.



MU-MIMO: Efficient Wi-Fi for Every Device

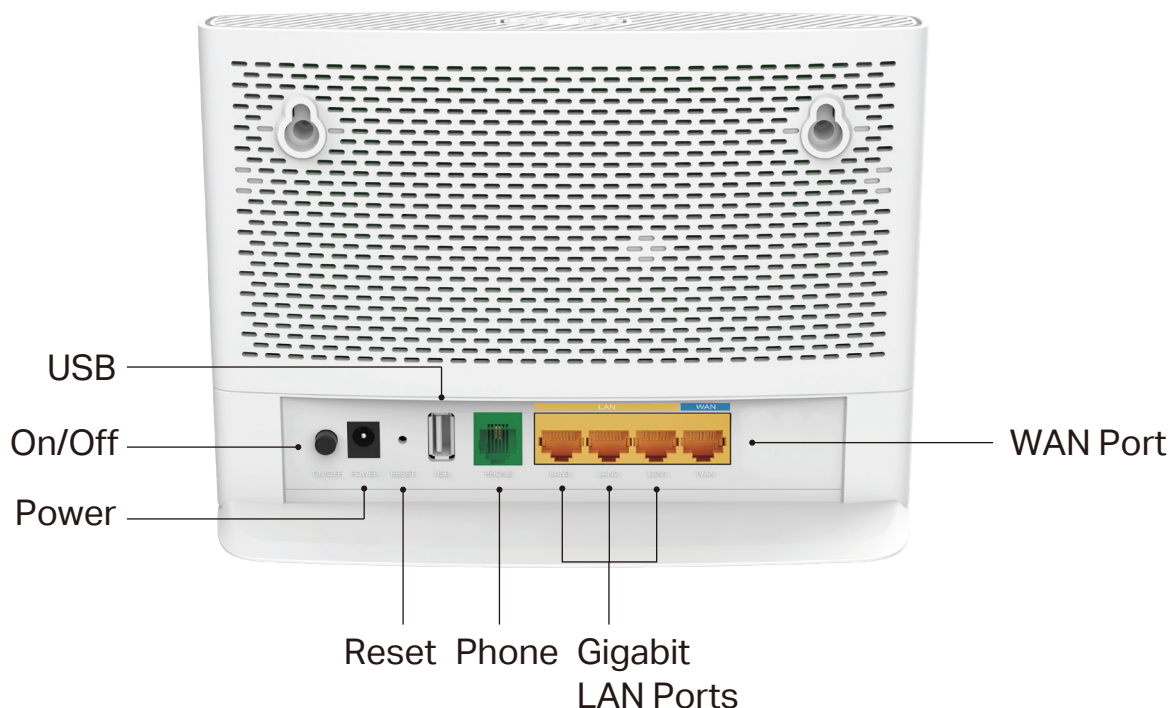
MU-MIMO technology serves multiple devices at once. No more bandwidth congestion or latency. All devices get their data faster and Wi-Fi is used more efficiently.



Beamforming for Better Coverage

Beamforming technology detects the location of your connected devices and concentrates the EX230v's Wi-Fi towards them to create stronger overall connections.

Hardware Description



Specifications

Hardware

- **Interface**
3× 10/100/1000 Mbps RJ45 LAN Ports,
1× 10/100/1000 Mbps RJ45 WAN Port,
1× FXS Port, 1× USB 2.0 Port
- **Antenna**
Internal Wi-Fi antennas
- **External Power Supply**
Output: 12V/1.5A
Input: 100-240V~50-60Hz 0.8A
- **Dimensions (W * D * H)**
7.9 x 5.9 x 2.7 in (199.7 x 148.6 x 67.5 mm)
- **CPU**
900 MHz Dual-Core CPU
- **Button**
Power On/Off Button, Reset Button,
WPS Button , Wi-Fi Button

Wireless

- **Wireless Standards**
IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- **Mesh Protocol**
802.11k/v/r
- **Frequency**
2.4 GHz and 5 GHz
- **Signal Rate**
1201Mbps at 5GHz, 574Mbps at 2.4GHz
- **Transmit Power**
CE: <20dBm (2.4GHz); <23dBm (5.15GHz~5.35GHz);
<30dBm (5.47GHz~5.725GHz)
- **Wireless Security**
WPA/WPA2-PSK/WPA3 encryption
- **Wireless Function**
Enable/Disable Wireless Radio, WMM, Wireless Statistics,
Multi-SSID, Guest Network, TX Beamforming

Software

- **Working Mode**
Router Mode
- **WAN Type**
Dynamic IP/Static IP/PPPoE/PPTP/L2TP/Bridge
Multi-EWAN
- **Protocols**
Supports IPv4 and IPv6
- **Multi SSID**
Up to 3 SSIDs for each band (including main SSID)
- **Features**
VoIP, Parental Control, Firewall, IPSEC VPN, IPv6, Port Forwarding,
NAT Forwarding, Address Reservation, QoS(Quality of Service),
CWMP, Network Diagnostics, Traffic Statistics, Cloud upgrade,
1024-QAM, MU-MIMO, OFDMA, EasyMesh
- **Management**
Local management: WebGUI management, Aginet app management
Remote management: TR-069, TR-181, TR369, TR-111, TR-143
Cloud management: TAUC
- **Firewall Security**
DoS, SPI Firewall, IP and MAC Address Binding

Others

- **System Requirements**
Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8,
8.1, 10, MAC OS, NetWare, UNIX or Linux Internet Explorer 11,
Firefox 12.0, Chrome 20.0, Safari 4.0 browser or higher.
- **Certification**
CE, DFS
- **Environment**
Operating Temperature: 0°C~40°C (32°F ~104°F)
Storage Temperature: -40°C~60°C (-40°F ~140°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- **Package Contents**
AX1800 Dual-Band Wi-Fi 6 Gigabit VoIP Router EX230v
1× RJ45 Ethernet Cable
1× Power Adapter
1× RJ11 Cable
1× Quick Installation Guide