

Wi-Fi 6 Internet Box 4

MODEL: VX231v



Overview

VX231v is a dual-band Wi-Fi 6 (802.11ax) DSL modem router with multiple connection options. The modem router takes connectivity to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi devices. Perfect for xDSL deployment and a connected home.



Super VDSL

The latest Super VDSL (VDSL2 Profile 35b) tech delivers internet speeds of up to 350 Mbps, while G.vector technology ensures advanced data transmission stability.



HD Telephony

Make or receive phone calls over the internet simply by connecting the device to the existing telephone set with an integrated DECT base for high-quality communication.



AX1800 Dual-Band Wi-Fi

Delivers 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..



Easy Remote Management

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

Features



Versatile Connectivity

Fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standards, fiber, and cable connections through the Ethernet ports, and 3G/4G internet services through the USB port..



Standard Mesh Technology

VX231v adopts standard EasyMesh technology. All compatible units can work together to form a mesh network to cover every corner of the a home.



Efficient Wi-Fi for Every Device

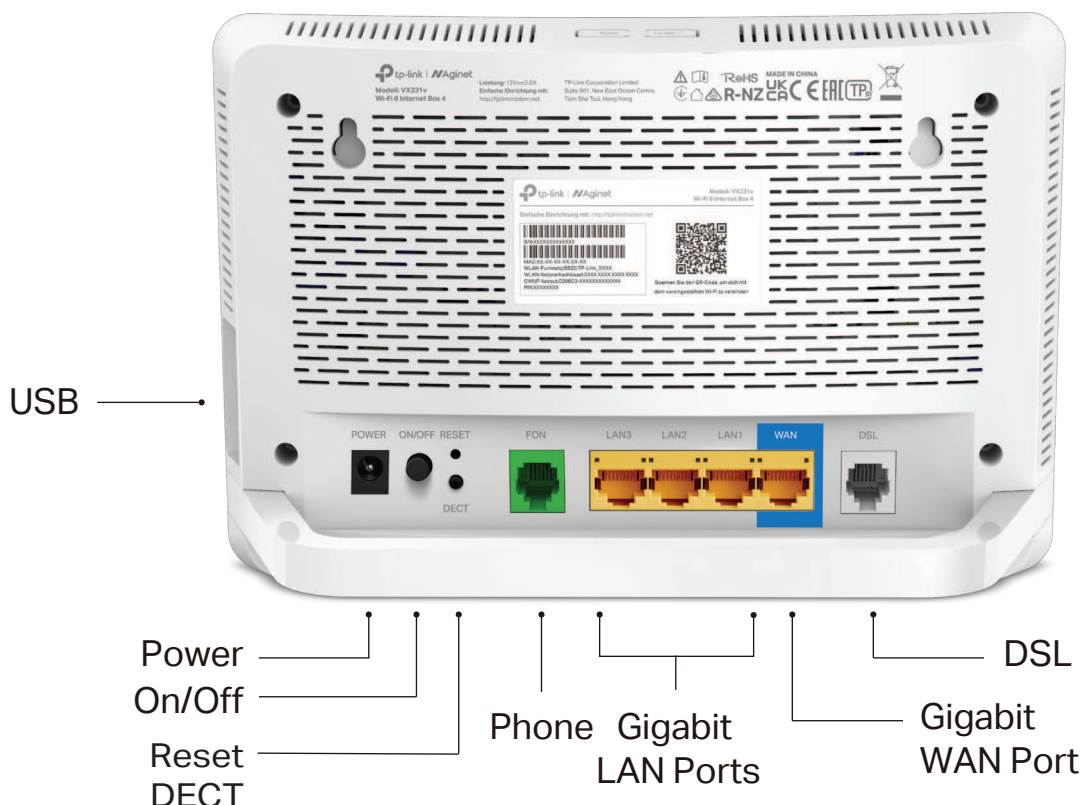
MU-MIMO technology serves multiple devices at once. No more bandwidth congestion or latency. All devices get their data faster, and Wi-Fi is used more efficiently.



Far-Reaching Wi-Fi Coverage

BSS Coloring technology ensures smooth and stable connections by eliminating signal interference from your neighbors, while Beamforming delivers a stronger and far-reaching network.

Hardware Overview



Specifications

Hardware

- **Interface**
3× 10/100/1000 Mbps RJ45 LAN Ports,
1× 10/100/1000 Mbps RJ45 WAN Port,
1× DSL Port, 1× FXS Port, 1× USB 2.0 Port
- **Antenna**
Internal Antennas
- **External Power Supply**
12V/2.0A
- **Dimensions (W × D × H)**
8.4 × 5.7 × 3.2 in (214.0 × 144.5 × 80.0 mm)
- **Button**
Power On/Off Button, Reset Button, WPS On/Off Button,
Wireless On/Off Button, DECT Button
- **IEEE Standards**
IEEE 802.3, IEEE 802.3u, 802.3ab
- **VDSL2 Standards**
ITU G.993.2, Up to 35b profile, ITU-T G.993.5 (G.vector)
ITU-T G.998.4 (G.INP)
- **ADSL2+ Standards**
ITU-T G.992.5
- **ADSL2 Standards**
ITU-T G.992.3 (G.DMT.bis), ITU-T G.992.4 (G.lite.bis)
- **ADSL Standards**
Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT),
ITU-T G.992.2 (G.Lite), ITU-T G.994.1 (G.hs),
ITU-T G.995.1

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**
1201 Mbps on 5 GHz, 574 Mbps on 2.4 GHz
- **Transmit Power**
CE: <20 dBm (2.4 GHz); <23 dBm (5.15 GHz–5.35 GHz);
<30 dBm (5.47 GHz–5.725 GHz)
- **Wireless Security**
64/128bit WEP, WPA/WPA2/WPA3-PSK
- **Wireless Function**
Enable/Disable Wireless Radio, WMM, Air Time Fairness,
Wireless Statistics, MAC Filtering
- **Wireless Schedule**
Supports 2.4 GHz and 5 GHz wireless schedules

Software

- **DHCP**
DHCP Client, DHCP Server, DHCP Relay, Address Reservation, Condition Pool
- **Protocols**
Supports IPv4 and IPv6
- **Multi-SSID**
Up to 3 SSIDs on each band (including main SSID)
- **Features**
VoIP, Parental Controls, Firewall, IPSEC VPN, IPv6, Port Forwarding,
NAT Forwarding, Address Reservation, QoS (Quality of Service), CWMP,
Network Diagnosis, Traffic Statistics, Cloud upgrade, 1024-QAM,
MU-MIMO, OFDMA, EasyMesh
- **Management**
Local management: WebGUI management, Aginet app management
Remote management: TR-069, TR-098, TR-181, TR-369, TR-111,
TR-143, Aginet ACS
Cloud management: TAUC
- **Security**
IPv4/IPv6 SPI Firewall, DDoS, Service Filtering, Access Control, IP&MAC Binding
- **VPN**
PPTP, IPsec, OpenVPN
- **USB Functions**
Samba, FTP, Media Server, 3G/4G Backup
- **NAT Forwarding**
ALG, Virtual Server, Port Trigger, DMZ, uPnP
- **Dynamic DNS**
NO-IP, DynDNS,
- **VoIP**
SIP, up to 8 Accounts, Call Logs, Call Rules, DND & Call Blocking, Call Forwarding, Voice Mail, T.38
- **DECT**
Up to 6 cordless phones

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**
1× Wi-Fi 6 Internet Box 4 VX231v
1× RJ45 Ethernet Cable
1× Power Adapter
1× RJ11 Cable
1× Quick Installation Guide