AX1800 Dual-Band Wi-Fi 6 VDSL/ADSL Modem Router

TP-Link VX230v

VX230v is a dual-band Wi-Fi 6 (802.11ax) DSL modem router with multiple connection options.



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.*

Super VDSL

The latest Super VDSL (VDSL2 Profile 35b) tech delivers internet speeds of up to 350 Mbps.‡

Supports EasyMesh

VX230v adopts EasyMesh technology, which has further improved and standardised Wi-Fi functions, such as Wi-Fi diagnostics, channel selection and traffic separation.†

Gigabit Wired Connections

1× GbE WAN port and 3× GbE LAN ports provide fast and flexible internet access.

Enhanced Security

WPA3 encryption, multi-SSID, and parental controls provide personalised and safer online experience.**

Easy Setup and Use

Set up and manage your network in minutes with the powerful Aginet app.

* Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

** Use of Wi-Fi 6 (802.11ax), and features including OFDMA, DL/UL MU-MIMO, 1024-QAM, and WPA3 requires clients to also support the corresponding features.

† A mesh network requires two or more devices. This product is compatible with standardised EasyMesh technology but has not obtained the Wi-Fi EasyMesh™ certification, and it can only work as a controller.

‡ 350 Mbps or 1000 Mbps internet speeds require compatible service plans and equipment. Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.

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/2A
Dimensions (W × D × H)	7.9 × 5.9 × 2.7 in (199.7 × 148.6 × 67.5 mm)
Button	Power On/Off Button, Reset Button, WPS Button, Wi-Fi 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 at 5 GHz, 574 Mbps at 2.4 GHz
Wireless Security	WPA/WPA2/WPA3-PSK
Wireless Function	Enable/Disable Wireless Radio, WMM, Air Time Fairness, Wireless Statistics, MAC Filtering
Wireless Schedule	Support 2.4 GHz and 5 GHz wireless schedule

Software

DHCP	DHCP Client, DHCP Server, DHCP Relay, Address Reservation, Condition Pool
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), Network Diagnostics, Traffic Statistic, Cloud upgrade, 1024-QAM, MU-MIMO, OFDMA, EasyMesh
Management	Local management: WebGUI management, Aginet app management
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, TP-Link DNS
VoIP	SIP, up to 8 Accounts, Call Logs, Call Rules, DND & Call Blocking, Call Forwarding, Voice Mail, T.38

Others

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 VDSL/ADSL Modem Router VX230v 1× RJ45 Ethernet Cable 1× Power Adapter 1× RJ11 Cable 1× Quick Installation Guide
Defined support period for the product	31/12/2028 or later§

§ The non-EOL product's defined support period may be refreshed to extend specified date.