



AX1500 New Era Wi-Fi 6 VDSL/ADSL Modem Router

Faster. Broader. Higher Capacity.



VX220-G2u



Wi-Fi 6(11ax)
5GHz 2*2



Full Gigabit
Ports



Broadcom
Chipset



USB 2.0
Port

Highlights

802.11 AX Faster. Broader. Higher Capacity.

The VX220-G2u is TP-Link wireless router with Wi-Fi 6 – based on the New Era 802.11ax Wi-Fi technology. Take your Wi-Fi to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi standards.

4X

4x Higher Performance

The MU-MIMO and OFDMA achieve a performance boost 4× that of 802.11ac

4X

4x Larger Capacity

OFDMA greatly increases the number of connected devices by assigning channels to more devices simultaneously

3X

3x Faster Speed

1024 QAM and Long OFDM Symbol boost overall speeds up to an incredible 6000 Mbps



Boosted Coverage

Beamforming and RangeBoost technology provide stronger, more reliable connections

MU-MIMO for 4 x Faster Connections

MU-MIMO technology serves up to four devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.



Traditional Router
Sends data to one device at a time

VX220-G2u
Simultaneously sends data to multiple devices

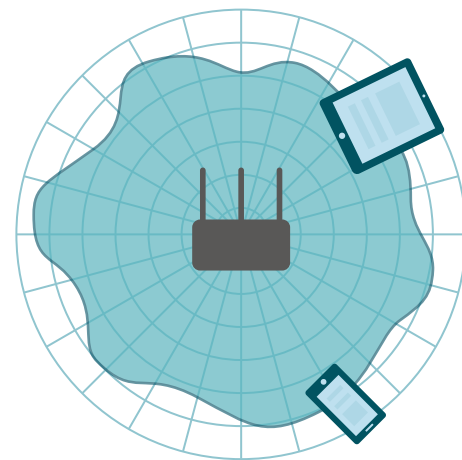
Highlights

Beamforming

Beamforming technology dramatically improves the router's coverage by locating wireless devices to form stronger, more reliable connections, even as mobile devices move from room to room.



VX220-G2u



Regular Router

Secure Wireless Network Sharing

With Multi-SSID feature supports, the VX220-G2u enables you configure guest networks for friends or visitors and keeps them separate from your main network.

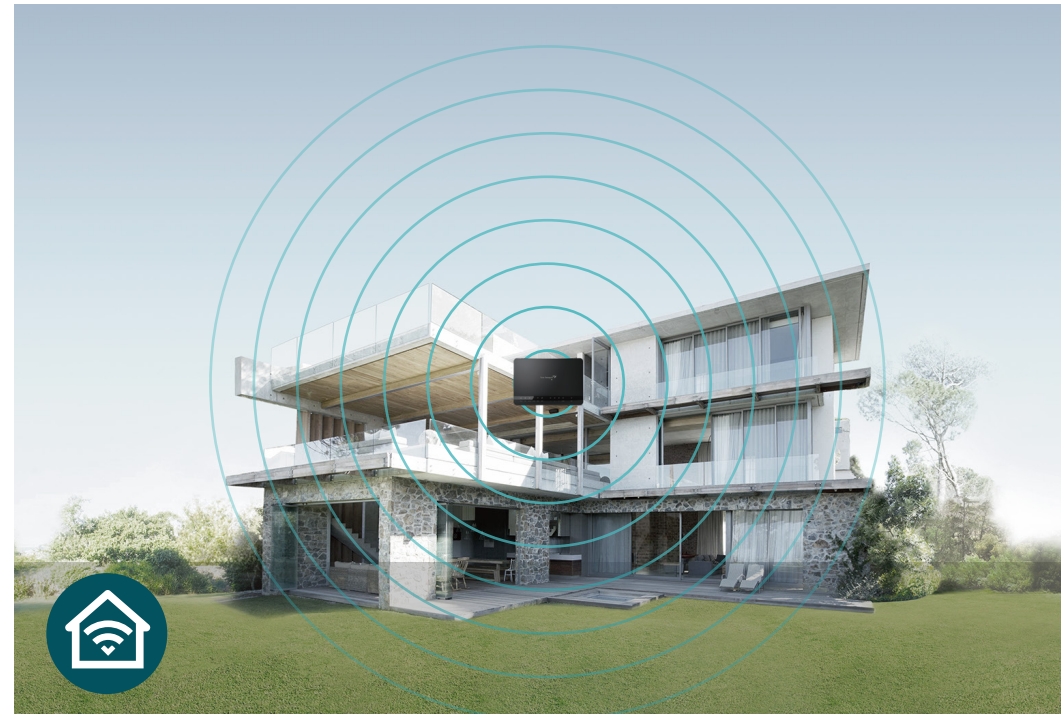


Features



Speed

- AX Tech – 802.11ax(also known as Wi-Fi 6) feature, drastically increases the speed and efficiency of the entire network
- Ultimate Wireless Speed – 300Mbps on 2.4GHz(802.11n) and 1201Mbps on 5GHz(802.11ax)
- Gigabit Wired Speed – Enjoy rapid, reliable wired connections for gaming and streaming in the best quality



Wi-Fi Range

- Optimal Range Wi-Fi – High performance internal antennas ensure widespread Wi-Fi coverage and a stable connection



Reliability

- Simultaneous Dual Band – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance
- Easy Bandwidth Management – IP-based Bandwidth Control makes it easier for you to manage the bandwidth of connected devices

Features



Ease of Use

- Intuitive Web UI – Ensures quick and simple installation without hassle
- Fast Encryption – One-touch WPA wireless security encryption with the WPS button
- Easy On/Off – Turn On/Off power and wireless radio separately using the Power On/Off and Wi-Fi On/Off buttons
- Web UI Upgrade – Update firmware on the web UI



Security

- Multi-SSID – Provides different wireless access for different applications and services
- Parental Control – Manage when and how connected devices can access the internet
- VPN Server – Support PPTP VPN and OpenVPN , easily setup a secure connection between your private networks to the Internet
- Encryptions for Secure Network – WPA-PSK/WPA2- PSK encryptions provide active protection against security threats



Easy Management

- Intuitive Web UI – Ensures quick and simple installation without hassle
- Remote Management – Complied with TR-069 standard(TR098), service providers can manage devices remotely without any user interaction

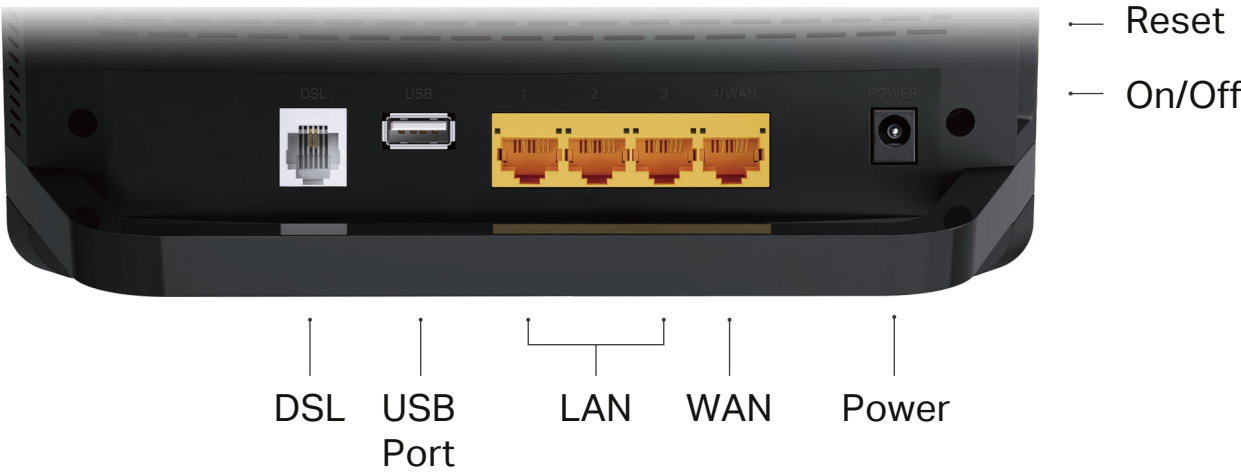
Specifications

Hardware

- Ethernet Ports: 1 10/100/1000Mbps RJ45 EWAN Port, 3 10/100/1000Mbps RJ45 LAN Ports
- Ports: 1 RJ11 DSL Port, 1 USB 2.0 Port
- Button: Power On/Off Button, WPS On/Off Button, Wi-Fi On/Off Button, RESET Button
- Antenna: Internal Antennas
- External Power Supply: 12V/1.5A EU Type Power Adapter
- Dimensions (W x D x H): 8.4 x 5.7 x 3.1 in(214 x144.5 x 80mm)

Wireless

- Wireless Standards: IEEE 802.11ax/ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz and 5GHz
- Signal Rate: 867Mbps at 5GHz, 300Mbps at 2.4GHz
- Transmit Power: <20dBm(2.4GHz), <23dBm(5GHz)
- Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions
- Wireless Schedule: Support 2.4GHz and 5GHz Wireless Schedule



Specifications

Software

- DHCP: Server, Client, DHCP Client List, Address Reservation, DHCP Relay
- Quality of Service: ATM QoS, bandwidth control
- Port Forwarding: Virtual Server, Port Triggering, DMZ, ALG, UPnP
- Dynamic DNS: DynDns, NO-IP
- VPN Passthrough: PPTP, IPSec Passthrough
- ATM/PPP Protocols: ATM Forum UNI3.1/4.0, PPP over ATM (RFC 2364), PPP over Ethernet (RFC2516), IPoA (RFC1577/2225), MER/PPoE (RFC 1483 Routed), Bridge (RFC1483 / RFC 2684), PVC – Up to 8 PVCs
- Security: NAT Firewall, Access Control, MAC / IP / URL Filtering, Denial of Service (DoS), SYN Flooding, Ping of Death, IP and MAC Address Binding
- USB Sharing: Support Samba(Storage)/FTP Server/Media Server, 3G/4G Modem
- Advanced Functions: Parental Control, Network Address Translation(NAT), Port Mapping (Grouping), Static Routing, RIP v1/v2(optional), DNS Relay, DDNS, IGMP V1/V2/V3
- Management: Web Based Configuration(HTTP), Remote management, Command Line Interface, SSL for TR-069(TR098), SNMP v1/2c, Web Based Firmware Upgrade, Diagnostic Tools
- IPSec VPN: Support up to 16 IPSec VPN tunnels
- Protocols: Support IPv4 and IPv6 (SLACC (RFC 4862) and DHCPv6 (RFC3736) included)
- DSL: G.Inp (ITU- ITU-T G.998.4 (2015)); Vectoring (ITU-T G.993.5 (01/15))
- Service Type: High Speed Internet (HSI); IPTV (SD, HD, 4K); Voice over broadband

Others

- Certification
CE, RoHS
- 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, or other Java-enabled browser

Cable or DSL Modem
- Environment
Operating Temperature: 0°C~40°C (32°F ~104°F)
Storage Temperature: -40°C~70°C (-40°F ~158°F)

Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- Package Contents
AX1500 New Era Wi-Fi 6 VDSL/ADSL Modem Router VX220-G2u
External VDSL Splitter *1
RJ11 DSL Cable *2
RJ45 Ethernet Cable *1
Power Adapter *1
Quick Installation Guide *1