AX5400 Hybrid Wi-Fi 6 Modem Router with VoIP

MODEL: VX420-G2h

Overview

VX420-G2h is a dual-band Wi-Fi 6 (802.11ax) DSL modem router with multiple connection options. Take the Wi-Fi experience to next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi devices. Perfect for xDSL deployment and a connected home.

High-Speed DSL Connection

Advanced VDSL2 technology delivers impressive VDSL broadband speeds of up to 100 Mbps, while G.vector technology ensures stable transmission.

Versatile Connectivity

Supports multiple access technologies, including VDSL2 profile 17a, EWAN and LTE, bring ending-users a more stable network

Faster. Broader. Higher capacity

Based on the next generation 802.11ax Wi-Fi technology, bring stronger Wi-Fi and Higher speed. Combined wireless speeds of up to 574 Mbps(over 2.4GHz) and 4804 Mbps(Over 5GHz).

Easy Remote Management

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

Features

Cater for Standardized Mesh Technology

EasyMesh is a standard mesh technology developed by Wi-Fi Alliance. VX420-G2h 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.
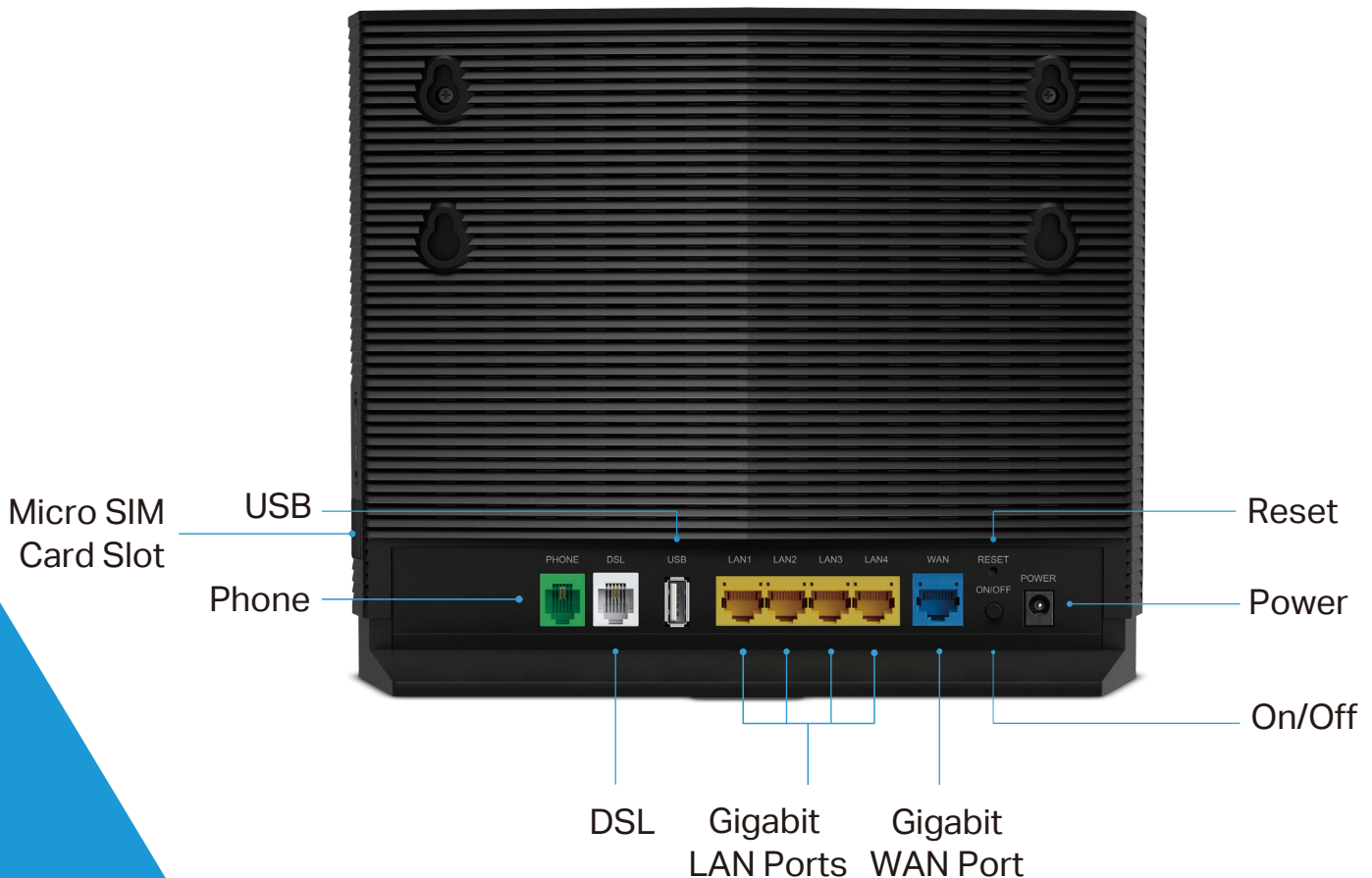
Boost Your 4G+ Speed

Support the 4G+ Cat6, which uses Carrier Aggregation technology to boost the 4G+ speeds of up to 300 Mbps. Plug your SIM card and enjoy HD movies without interruption, downloading files in seconds, and smooth online gaming.

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.

Hardware Description

| Micro SIM Card Slot | USB | | | | | | | | | Reset |

PHONE DSL USB LAN1 LAN2 LAN3 LAN4 WAN RESET
ON/OFF POWER

Phone — Power

On/Off

DSL   Gigabit   Gigabit
LAN Ports WAN Port

Specifications

Hardware

- **Interface**
  4× 10/100/1000 Mbps RJ45 LAN Ports,
  1× 10/100/1000 Mbps RJ45 WAN Port,
  1× VDSL2 Port, 1× FXS Port, 1× USB 2.0 Port,
  1× Micro SIM Card Slot

- **Antenna**
  Internal Wi-Fi and LTE Antennas

- **External Power Supply**
  12V/2.5A

- **Dimensions (W * D * H)**
  9.5 x 7.9 x 3.2 in (241.6 x 201.3 x 82.5 mm)

- **Button**
  Power On/Off Button, WPS Button,
  Wi-Fi Button, Reset Button

- **IEEE Standards**
  IEEE 802.3, IEEE 802.3u, 802.3ab

- **VDSL2 Standards**
  ITU G.993.2, Up to 17a 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**
  4804 Mbps at 5 GHz, 574 Mbps at 2.4 GHz

- **Transmit Power**
  EIRP: <20dBm (2.4GHz), <23dBm (5GHz, Band1~Band2),
  <30dBm(5GHz, Band3)

- **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**
  Support 2.4 GHz and 5 GHz wireless schedule

- **4G Speed**
  Up to 300Mbps on Downstream, 50Mbps on Upstream

Software

- **DHCP**
  Client, DHCP Client List, Address Reservation, DHCP Relay

- **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 Diagnosis, Traffic Statistic, Cloud upgrade,
  1024-QAM, MU-MIMO, OFDMA, EasyMesh

- **Management**
  Local management: WebGUI management
  Remote management: TR-069, TR-098, TR-181,TR-111,TR-143
  Cloud management: TAUC

- **Security**
  SPI Firewall, Access Control, MAC / IP / URL Filtering, Denial
  of Service(DoS), SYN Flooding, Ping of Death, IP and MAC
  Address Binding

- **VPN**
  OpenVPN, PPTP VPN, IPSec VPN

- **USB Sharing**
  Samba (Storage) / FTP Server / Media Server, 3G/4G dongle

- **Port Forwarding**
  Virtual Server, Port Triggering, DMZ, ALG, UPnP

- **Dynamic DNS**
  DynDns, NO-IP

- **VoIP**
  SIP, up to 8 Accounts, Call Logs, Call Rules, DND & Call
  Blocking, Call Forwarding, Voice Mail, T.38

- **Quality of Service**
  ATM QoS, QoS

- **ATM/PPP Protocols**
  ATM Forum UNI3.1/4.0, PPP over ATM, PPP over Ethernet,
  IPoA, IPoE, Bridge, PVC - Up to 8 PVCs

- **Advanced Functions**
  Port Mapping, Network Address Translation(NAT)、VoIP

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 browers or higher.

- **Certification**
  CE, DFS, RCM

- **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**
  AX5400 Hybrid Wi-Fi 6 Modem Router with VoIP VX420-G2h
  1× Power Adapter
  2× RJ45 Ethernet Cable
  2× RJ11 DSL Cable
  1× Quick Installation Guide