tp-link | **S SERVICE PROVIDER**

AC1200 Wireless Dual Band VDSL/ADSL Modem Router

Powerful Wi-Fi and Wired for a High-Speed Home

VC220-G3u

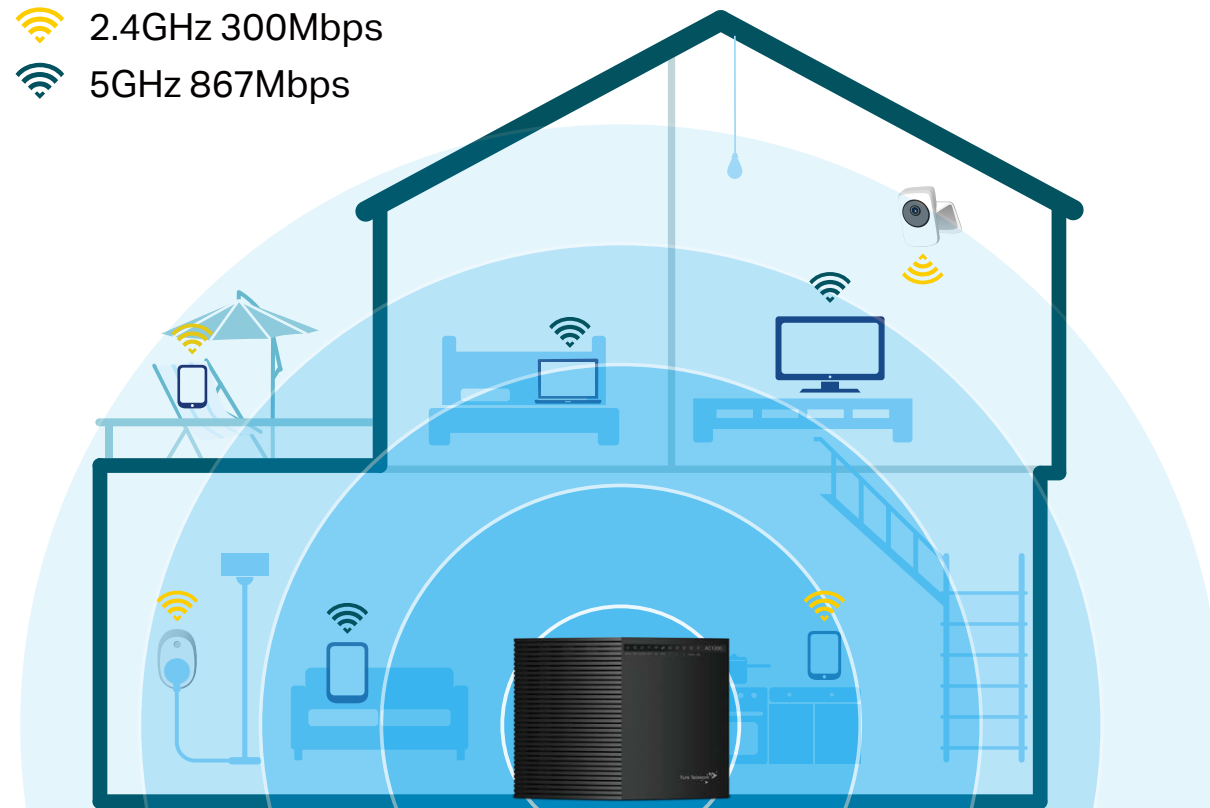300Mbps + 867Mbps
Dual Band Wi-Fi

Gigabit EWAN port

USB 2.0
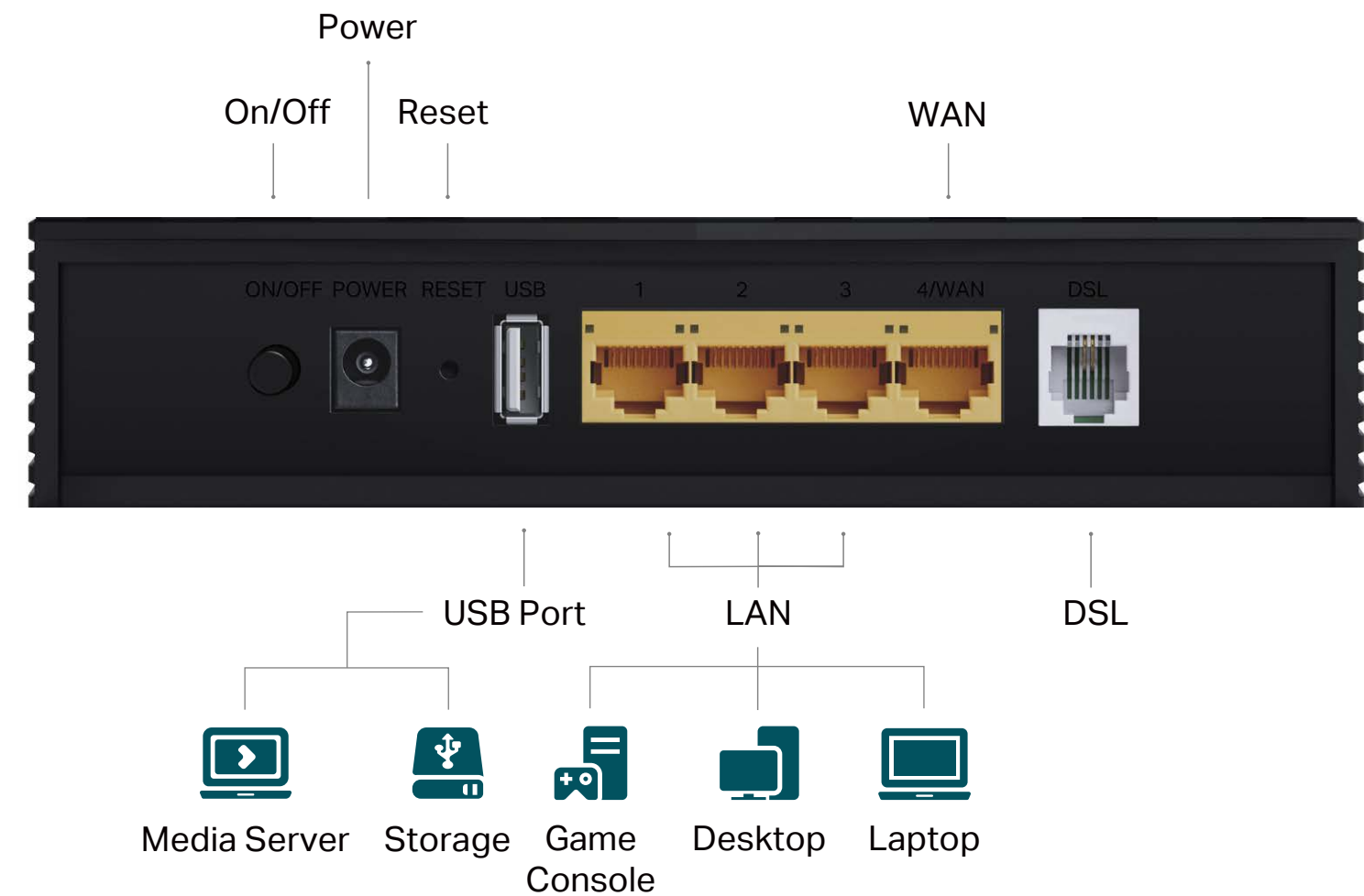Port

Highlights

Upgrade Your Home Entertainment

The VC220-G3u unlocks the full potential of your internet connection by providing combined dual band Wi-Fi speeds of up to 1.2Gbps and impressive broadband speeds of up to 100Mbps, helping all your devices reach peak performance.
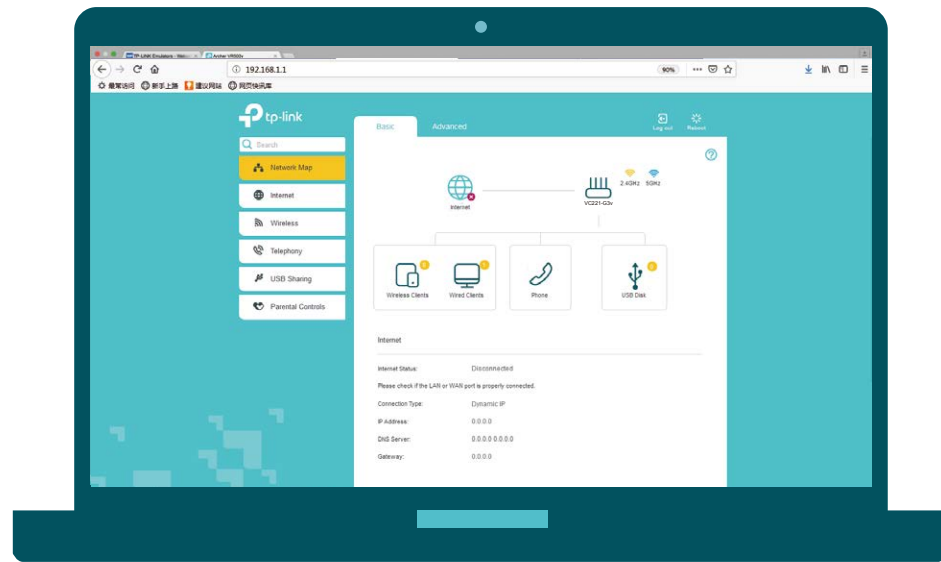
Versatile Connectivity

With multiple inputs, the VC220-G3u provides you with a variety of internet connection options. As a backup, the WAN port accepts the connections from cable or fiber modem via Ethernet cable. Additionally, the USB port supports 3G/4G dongle connections to keep you connected no matter what.

2.4GHz 300Mbps
5GHz 867Mbps

Power

On/Off   Reset   WAN

ON/OFF   POWER   RESET   USB   1   2   3   4/WAN   DSL

USB Port   LAN   DSL

Media Server   Storage   Game Console   Desktop   Laptop

Highlights

Easy Setup and Use

TP-Link's innovative web UI makes your home network installation and management hassle free as relevant information is presented over an intuitive network map.

Secure Wireless Network Sharing

With Multi-SSID feature supports, the VC220-G3u enables you configure guest networks for friends or visitors and keeps them sparate from your main network.
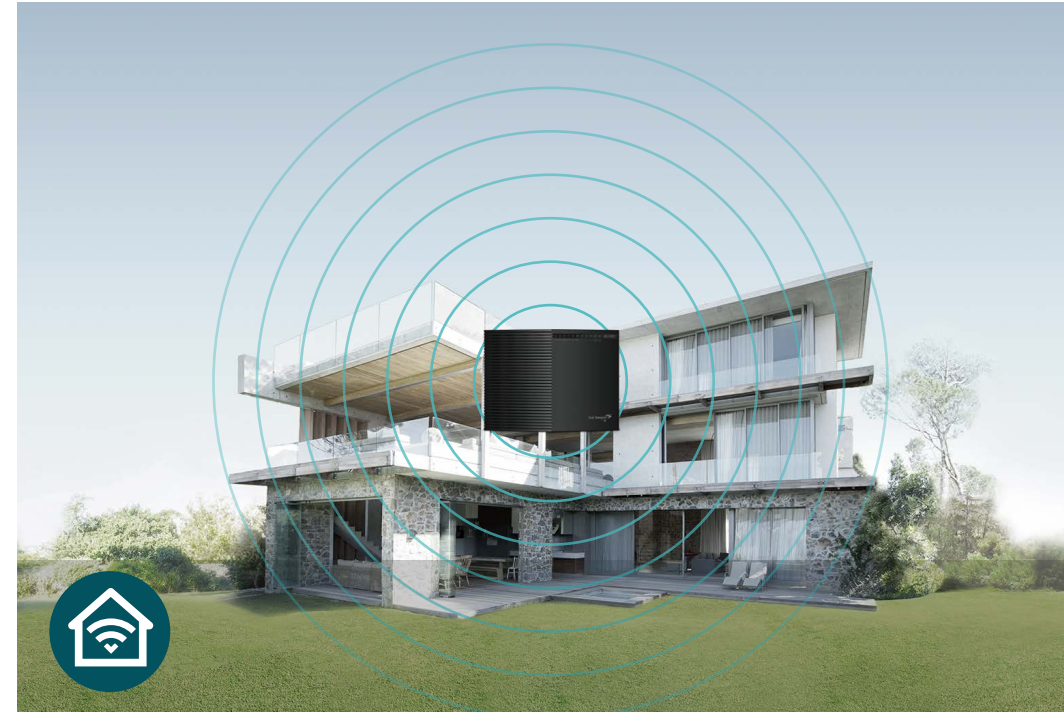
Intuitive Web Interface

Features

Speed

· Blazing Fast Wireless Speed – Combined wireless speeds up
to 1.2Gbps at 2.4GHz & 5GHz band concurrently

· Support 802.11 ac – Provides a data transfer rate 3 times
faster than 802.11n for each stream

· Gigabit Wired Speed – Enjoy rapid, reliable wired connections
for gaming and streaming in the best quality
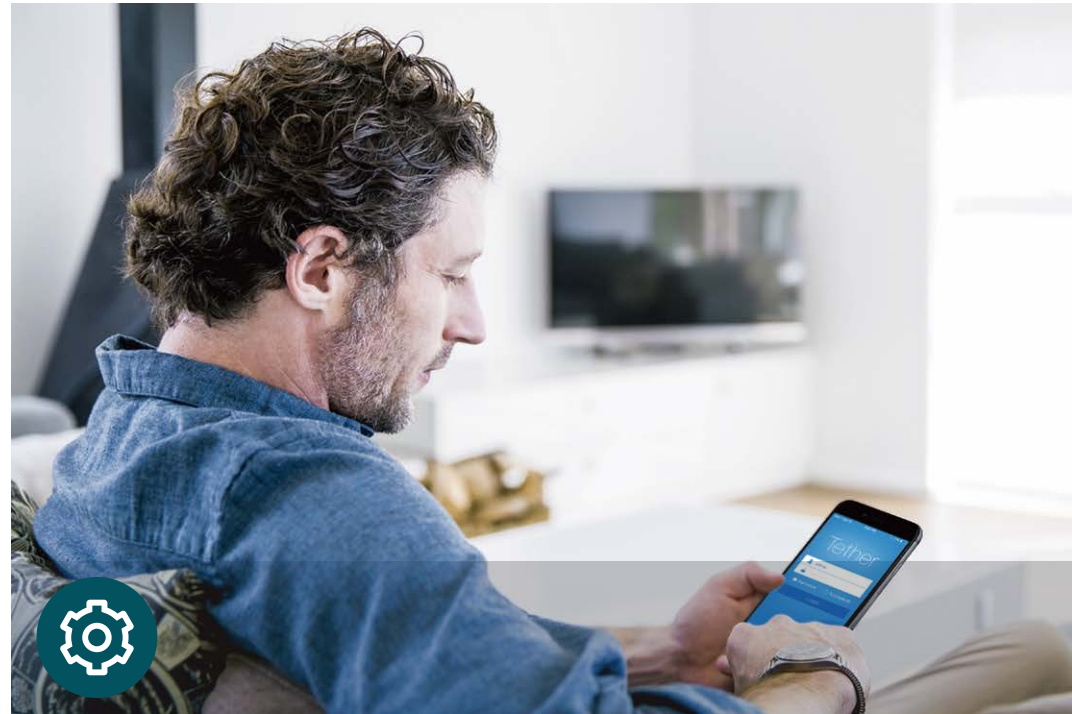
Wi-Fi Range

· 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 10/100Mbps 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): 7.3 x 5.4 x 2.3 in (184.9 x 137.8 x 59mm)

Wireless

· Wireless Standards: IEEE 802.11ac/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\IPoE (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: Supports 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: Supports up to 16 IPSec VPN tunnels

· Protocols: Supports 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℃~40℃ (32℉ ~104℉)

  Storage Temperature: -40℃~70℃ (-40℉ ~158℉)

  Operating Humidity: 10%~90% non-condensing

  Storage Humidity: 5%~90% non-condensing

· Package Contents

  AC1200 Wireless Dual Band VDSL/ADSL Modem Router VC220-G3u

  External VDSL Splitter *1

  RJ11 DSL Cable *2

  RJ45 Ethernet Cable *1

  Power Adapter *1

  Quick Installation Guide *1