



# tp-link Wireless Gigabit VDSL ADSL Modem Router User Guide

[Home](#) » [tp-link](#) » tp-link Wireless Gigabit VDSL ADSL Modem Router User Guide

## Contents [ [hide](#) ]

- 1 tp-link Wireless Gigabit VDSL ADSL Modem Router User Guide
- 2 Upgrade Your Home Entertainment
- 3 TP-Link Cloud Service
- 4 TP-Link Cloud service helps you easily manage your home network when you are out and about via the Tether app on your smartphone or tablet, keeps you informed of the latest firmware updates, and allows you to manage multiple TP-Link Cloud devices from a single TP-Link ID. Beamforming for Better Coverage
- 5 Versatile Connectivity
- 6 Features
  - 6.1 Speed
  - 6.2 Wi-Fi Range
  - 6.3 Reliability
  - 6.4 Ease of Use
  - 6.5 Security
  - 6.6 Easy Sharing
- 7 Specifications
  - 7.1 Hardware
- 8 Wireless
- 9 Specifications
  - 9.1 Software
- 10 Others
- 11 Read More About This Manual & Download PDF:
- 12 Documents / Resources
  - 12.1 References
- 13 Related Posts

## tp-link Wireless Gigabit VDSL ADSL Modem Router User Guide



### Upgrade Your Home Entertainment

The Archer VR600 unlocks the full potential of your internet connection by providing combined dual band Wi-Fi speeds of up to 1.6Gbps and impressive broadband speeds of up to 100Mbps, helping all your devices reach peak performance

2.4GHz 300Mbps  
5GHz 1300Mbps



### TP-Link Cloud Service

**TP-Link Cloud service helps you easily manage your home network when you are out and about via the Tether app on your smartphone or tablet, keeps you informed of the latest firmware updates, and allows you to manage multiple TP-Link Cloud devices from a single TP-Link ID.**



TP-Link Tether

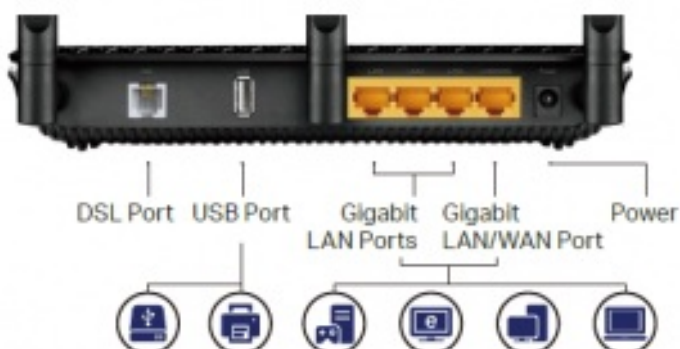
## Beamforming for Better Coverage

Beamforming detects the location of your connected devices and concentrates the Archer VR600's Wi-Fi towards them to create stronger overall connections.



## Versatile Connectivity

With multiple inputs, the Archer VR600 provides you with a variety of internet connection options. As a backup, the LAN/WAN port accepts connections from Cable Modem or Fiber Modem via Ethernet cable. Additionally, USB port supports 3G/4G dongle connections to always stay connected.



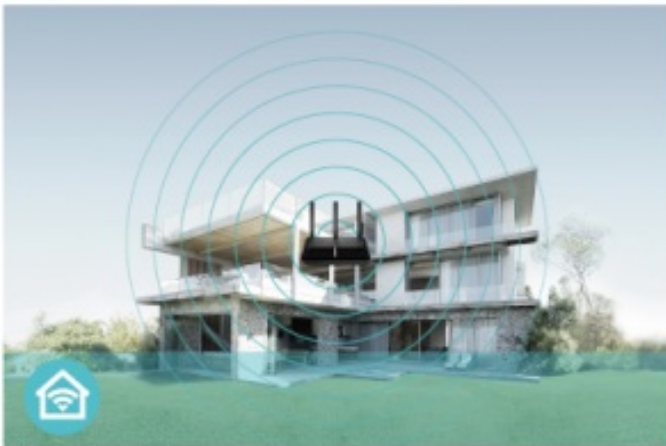
## Features

### Speed



Ultimate Wireless Speed – Combined wireless speeds of up to 300 Mbps (over 2.4GHz) and 1300 Mbps (over 5GHz) · 802.11 ac – Provides a data transfer rate 3 times faster than 802.11n for each stream

### Wi-Fi Range



Ultimate Range Wi-Fi – 3 dual band detachable antennas ensure widespread Wi-Fi coverage and a stable connection

· Wi-Fi with Beamforming – Beamforming technology locates the connected devices and further improves the Archer VR600's range and the signal strength to each mobile device, delivering a more reliable and efficient wireless connection

### Reliability



Dual Band – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance  
QoS – Device/Application-based QoS makes it easier for you to prioritize the internet traffic

### **Ease of Use**



Intuitive Web UI– Ensures quick and simple installation without hassle

- Fast Connection – Connect wireless devices securely with the press of WPS button
- Easy On/Off – Turn On/Off power, wireless radio and LEDs separately using the Power On/Off, Wi-Fi On/Off and LED On/Off buttons
- Remote Management with TP-Link ID – Manage your home network from your smartphone or tablet via a single TP-Link ID, no matter where you find yourself
- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android or iOS device
- Online Upgrade – Keeps you informed of the latest firmware and allows online updating

### **Security**



**Guest Network** – Keep your main network secure by creating a separate network for friends and visitors

- Access Control – Establish a whitelist or blacklist to allow or block certain devices from accessing the internet
- Parental Controls – Manage when and how connected devices can access the internet
- VPN Server – OpenVPN, PPTP VPN and IPSec VPN are supported, making it easy to set up a secure connection between your private network and the internet
- Encryptions for Secure Network – WPA-PSK/WPA2- PSK encryptions provide active protection against security threats

### **Easy Sharing**



**USB Port for Fast Sharing** – With a USB port, you can access and share a printer as well as your files and media locally. Through the modem router's FTP server, you can also access your files and media from network devices remotely

- Built-in Print Server – Allows wireless printing from multiple computers (works in conjunction with a USB printer)
- Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network

## **Specifications**

### **Hardware**

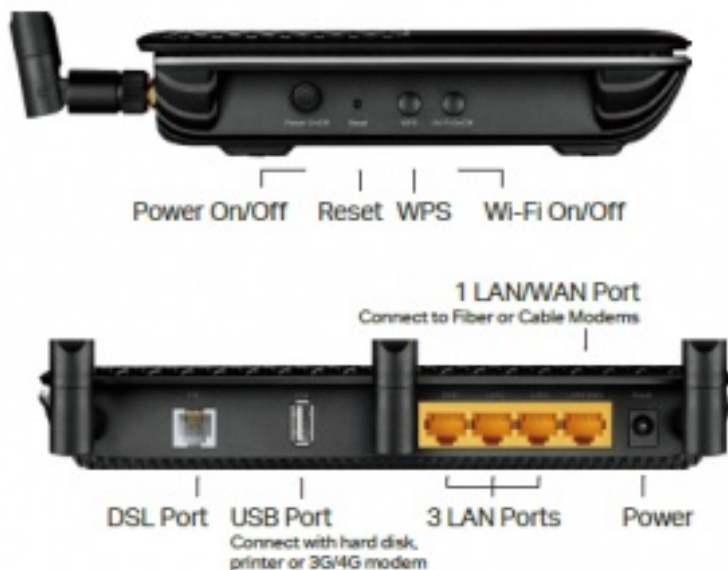
Ethernet Ports: 3 10/100/1000Mbps RJ45 LAN Ports, 1 10/100/1000Mbps RJ45 WAN/LAN Port, 1 RJ11 Port

- USB Port: 1 USB 2.0
- Button: WPS Button, Wi-Fi On/Off Button, Reset Button, LED Button, Power On/Off Button
- External Power Supply: 12V/1.5A
- Dimensions (W x D x H): 8.5× 6.5 × 1.4 in (216 × 164 × 36.8 mm)
- IEEE Standards: IEEE 802.3, IEEE 802.3u, 802.3ab
- VDSL2 Standards: ITU G.993.2, Up to 17a profile (POTS)  
ITU-T G.993.5 (G.vector)  
ITU-T G.998.4 (G.INP)
- 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),
- ADSL2 Standards: ITU-T G.992.3 (G.DMT.bis),
- ADSL2+ Standards: ITU-T G.992.5
- Antenna Type: 3 external detachable dual band antennas (RP-SMA)
- Antenna Gain: 3 x 2dBi for 2.4GHz and 3 x 3dBi for 5GHz

## Wireless

Wireless Standards: IEEE 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz

- Frequency: 2.4GHz and 5GHz
- Signal Rate: 1300Mbps 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

Operation Modes: VDSL/ADSL Modem Router, Wireless Router, 3G/4G Router

- DHCP: Server, Client, DHCP Client List, Address Reservation, DHCP Relay
- Quality of Service: ATM QoS, Traffic Control (IP QoS)
- Port Forwarding: Virtual Server, Port Triggering, DMZ, ALG, UPnP
- Dynamic DNS: DynDns, NO-IP, TP-Link
- VPN: OpenVPN, PPTP VPN, IPSec VPN
- 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 Bridge), PVC – Up to 8 PVCs

- Security: NAT Firewall, SPI Firewall, Access Control, Service Filtering, Denial of Service (DoS), SYN Flooding, Ping of Death, IP and MAC Address Binding
- Advanced Functions: Parental Controls, Network Address Translation(NAT), Port Mapping (Grouping), Static Routing, RIP v1/v2 (optional), DNS Relay, DDNS, IGMP V1/V2/V3
- USB Sharing: Support Samba (Storage) / FTP Server / Media Server / Printer Server, 3G/4G Modem / SFTP Server / Web Storage
- Management: Web Based Configuration (HTTP / HTTPS ), Remote management
- Command Line Interface, SSL for TR-069, SNMP v1/2c, Firmware Upgrade, Diagnostic Tools, Free Online Firmware Update
- Guest Network: 2.4GHz guest network, 5GHz guest network
- IPSec VPN: Supports up to 10 IPSec VPN tunnels
- Protocols: Supports IPv4 and IPv6



For more information, please visit [http://www.tp-link.com/en/products/details/cat-15\\_Archer-VR600.html](http://www.tp-link.com/en/products/details/cat-15_Archer-VR600.html) or scan the QR code left

## Others

- Certification: CE, RCM, 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
  - Subscription with an internet service provider (for internet access)
- 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

AC1600 Wireless Gigabit VDSL/ADSL Modem Router Archer VR600

External Splitter

RJ11 DSL Cable


RJ45 Ethernet Cable

Power Adapter

Quick Installation Guide

***Read More About This Manual & Download PDF:***

## Documents / Resources

	<p><a href="#">tp-link Wireless Gigabit VDSL ADSL Modem Router</a> [pdf] User Guide Wireless Gigabit VDSL ADSL Modem Router, AC1600, VR600</p>
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## References

- [TP-Link Archer VR600](#) | [AC2100 Wireless MU-MIMO VDSL/ADSL Modem Router](#) | [TP-Link](#)