AC1600 Wireless Gigabit VoIP VDSL/ADSL Modem Router

AC1600 Wi-Fi and Beamforming for a Complete Home Network

Archer VR600v

VDSL/ADSL/Fiber/ Cable Compatible | Telephony | Beamforming

Highlights

Upgrade Your Home Entertainment

The Archer VR600v 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

Professional Telephony

Make landline calls through two FXS ports , enabling connection of up to 2 analog phones. With 256MB internal storage, Archer VR600v can records over 270+ minutes of voicemail.

× 6

Up to 6 DECT Cordless Phones

× 2

Up to 2 FXS Analog Phones

× 270 Mins

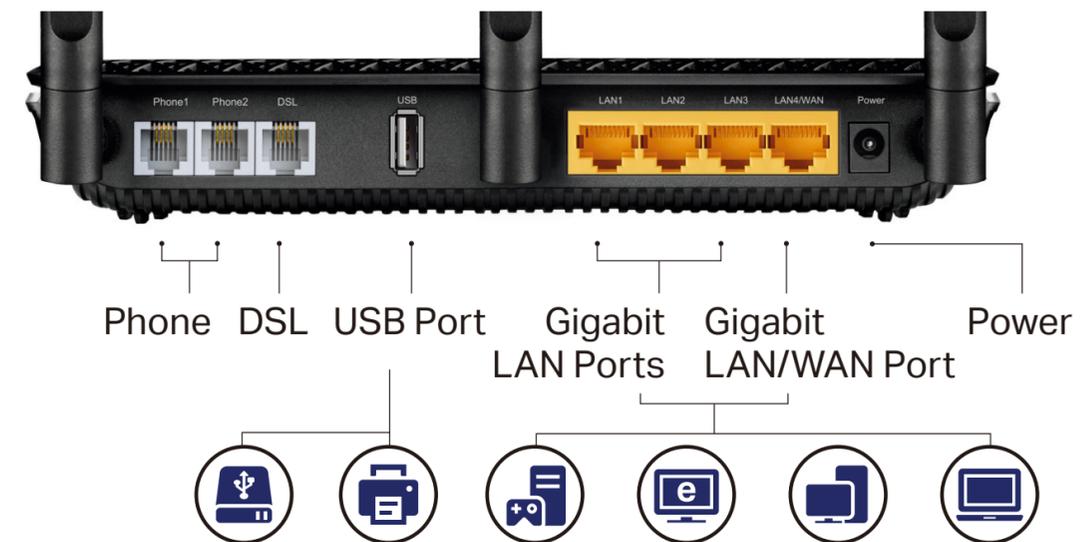Up to 270 Minutes Storage of Voice Messages

tpPhone App

Highlights

Beamforming for Better Coverage

Beamforming detects the location of your connected devices and concentrates the Archer VR600v's Wi-Fi towards them to create stronger overall connections.

Archer VR600v

Regular Router

Versatile Connectivity

With multiple inputs, the Archer VR600v provides you with a variety of internet connection options. Gigabit ports enable wired devices with the HD streaming speeds. The LAN/WAN port accepts connections from cable and fiber modems via Ethernet cable. The USB ports can share a hard drive full of music, movies and large files.
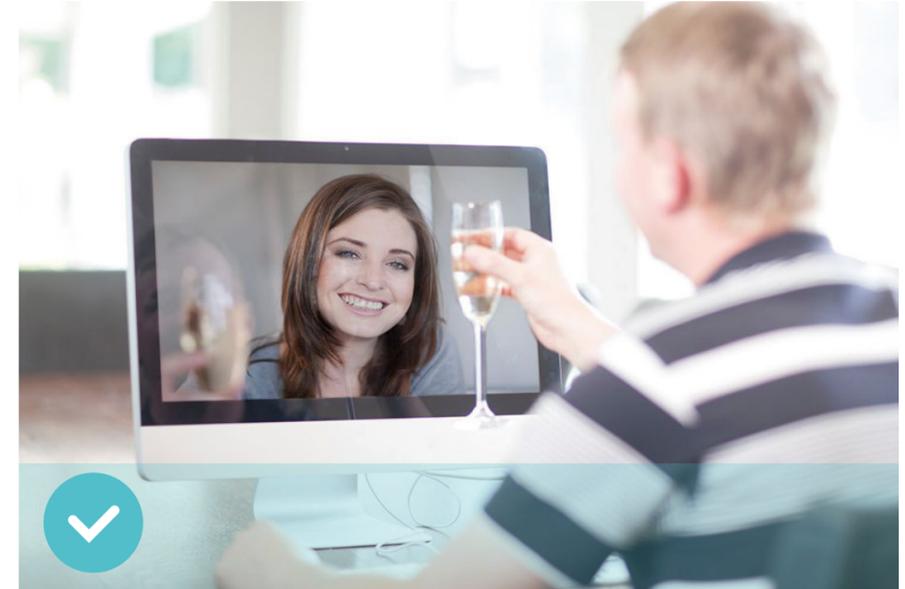
Phone1 Phone2 DSL USB LAN1 LAN2 LAN3 LAN4/WAN Power

Phone DSL USB Port Gigabit LAN Ports Gigabit LAN/WAN Port Power

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

Telephony

· Integrated DECT – Connects up to 6 DECT cordless phones

· FXS Ports – Two FXS ports to connect analog phones, answering machines and faxes

· Integrated Answering Machine – Stores 270 minutes long voice messages internally on the modem router or stores the voice messages externally on the USB storage device

· Numerous Telefony Functions – Internal calls, three-way conference, call list, speed dial, call blocking and call rules

· Support CAT-iq 2.0 – Provides telephone book, call list and full compatibility with CAT-iq phones

· tpPhone App – Make internet calls via your phone or tablet

Reliability

· Simultaneous Dual Band – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance

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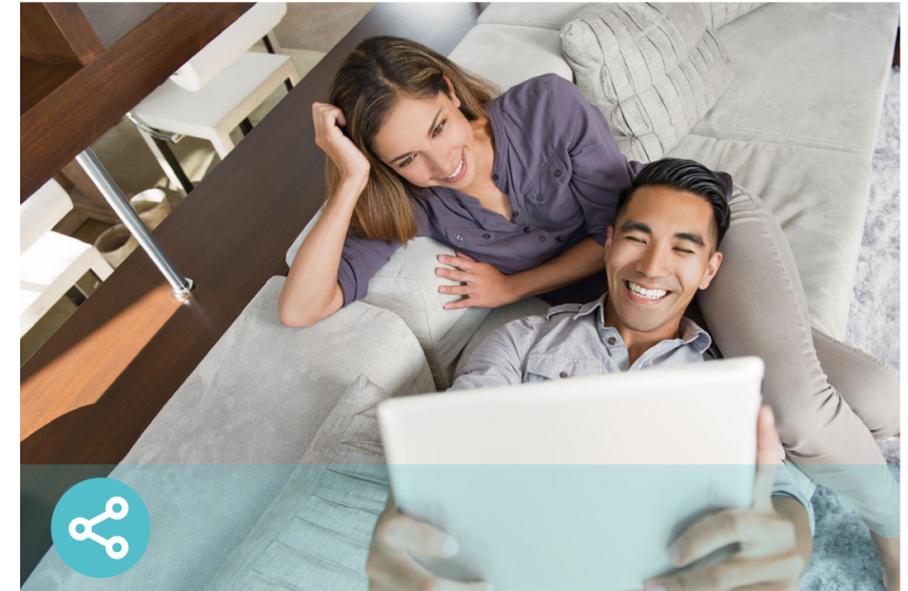
Features

Ease of Use

· Intuitive Web UI– Ensures quick and simple installation without hassle

· DECT Button – Add new cordless phones with the push of DECT button

· Easy On/Off – Turn On/Off power, wireless radio and LEDs separately using the Power On/Off, WLAN 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 / HTTPS 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: 1 10/100/1000Mbit/s RJ45 WAN/LAN Port, 3 10/100/1000Mbit/s RJ45 LAN Ports, 3 RJ11 Ports (DSL, Phone1/2), 1 USB 2.0 Port

- Button: WPS, Wi-Fi On/Off , Reset, LED, Power On/Off, DECT

- External Power Supply: 12V/2A

- Dimensions (L × B × H): 216 × 163.7 × 36.8 mm

- IEEE Standards: IEEE 802.3, IEEE 802.3u, 802.3ab

- VDSL2 Standards: ITU-T G.993.2, ITU-T G.993.5 (G.vector), ITU-T G.998.4 (G.INP)

- ADSL2+Standards: ITU-T G.992.5(Annex A/L/M)

- 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-TG.992.2 (G.Lite), ITU-T G.994.1 (G.hs), ITU-T G.995.11

- Antenna: 3 external detachable dual band antennas (RP-SMA)

- Antenna Gain: 3 x 2dBi for 2.4GHz and 3 x 3dBi for 5GHz
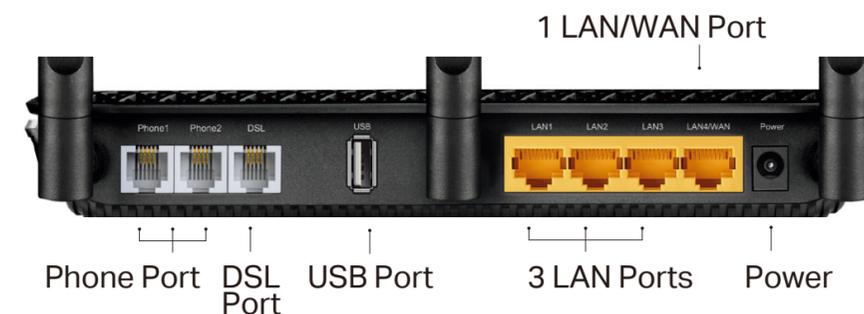
Wireless

- 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: Supports 2.4GHz and 5GHz Wireless Schedule

Telephony

- VoIP Standards: SIP(RFC3261)/RTP(RFC1889/3550), G.711A/u, G.722, G.729AB, G.726

- DECT Function: DECT base station for up to 6 cordless phones, Compatible with CAT-iq and GAP, Supoorts paging function

- Integrated Answering Machine: Stores 270 minutes long voice messages internally on the modem router or store voice messages externally on USB storage devices

- Advanced Telephone Functions: Call Forwarding, Call Transfer, Call Back on Busy, Call Blocking, Anonymous Call Blocks, Speed Dial, Emergency Number

- tpPhone: Make internet calls via smartphones or tablets

Power On/Off   Reset WPS Wi-Fi DECT

1 LAN/WAN Port

Phone Port   DSL Port   USB Port   3 LAN Ports   Power

Specifications

Software

- **Operation Modes:** VDSL/ADSL Modem Router, Wireless Router

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

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

- **Dynamic DNS:** TP-Link / Dyndns / noip

- **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:** IP TV, 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:** Support up to 10 IPSec VPN tunnels

- **Protocols:** Support IPv4 and IPv6

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

- Environment

  Operating Temperature: 0℃~40℃ (32℉~104℉)

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

  Operating Humidity: 10%~90% nicht kondensierend

  Storage Humidity: 5%~90% nicht kondensierend

- Package Contents

  AC1600 Wireless Gigabit VoIP VDSL/ADSL Modem Router

  RJ11 Cable

  RJ45 Ethernet Cable

  Power Adapter

  Quick Installation Guide

  Telephony Feature Guide

For more information, please visit

http://www.tp-link.com/en/products/details/Archer-VR600v.html

or scan the QR code left

www.tp-link.com