TP-LINK®
The Reliable Choice

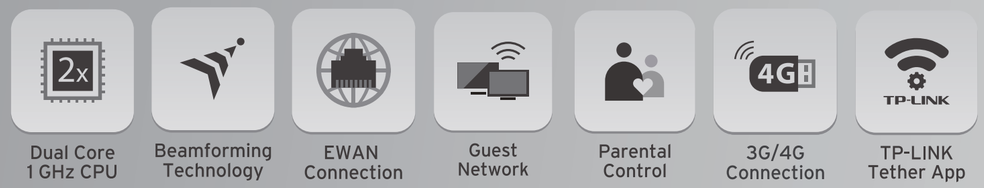
AC 1900

Wireless Gigabit VDSL/ADSL Modem Router

Archer VR900

Highlights

- **Versatile Connectivity** – Ethernet WAN and USB ports, the VR900 is fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standard, fiber/cable access and 3G/4G USB dongles
- **Superfast Wi-Fi** – 600Mbps on 2.4GHz + 1300Mbps on 5GHz
- **Maximum Range** – High power amplifiers and 3 dual band detachable antennas provide maximum Omni-directional wireless coverage and reliability
- **1GHz Dual-core Processor** – Ensures no interruption while processing multiple wired or wireless tasks simultaneously
- **Beamforming Technology** – Improves wireless range and performancee on both 2.4GHz and 5GHz band



Features

Speed

- **Blazing Fast Wireless Speed** – Combined wireless speeds up to 1.9Gbps at 2.4GHz & 5GHz band concurrently
- **Support 802.11 ac** – Offering 3 times faster data rate than 802.11n in a single stream
- **Dual-core Processor** – 1GHz dual-core processor boosts data transfer rate
- **Gigabit Wired Speed** – Full shielded gigabit ports ensure ultrafast data transfer speeds

Wi-Fi Range

- **Ultimate Range & Reliable Wi-Fi** – High-powered amplifiers ensure continuous Wi-Fi signal to all your devices while boosting widespread converage throughout your very large home
- **3 Dual Band Antennas** – 3 dual band detachable antennas provide maximum Omni-directional wireless coverage
- **Beamforming Technology** – Archer VR900's beamforming technology extends wireless coverage by boosting signal strength

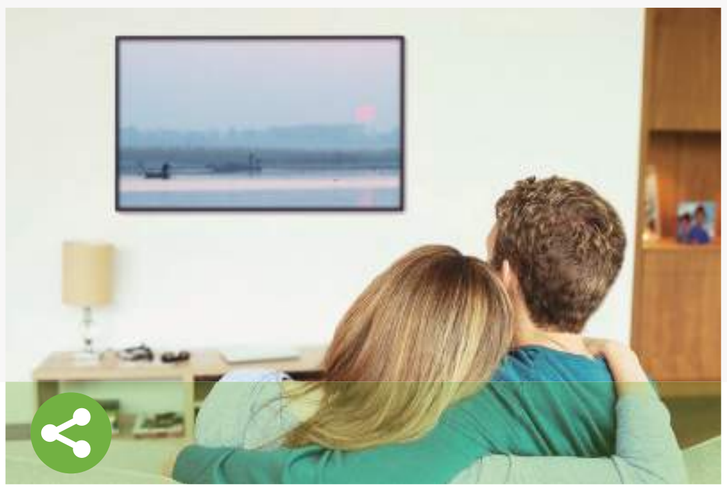
Uses

- **DSL Port** – For VDSL2/ADSL2+/ADSL2/ADSL connections
- **Ethernet WAN Port** – Allows for fiber or cable access
- **USB Ports** – Allows for 3G/4G USB dongle connections
- **Easy Setup and Use –** Provides quick & hassle-free installation and easy management with new web UI and Tether App
- **Fast Encryption** – Easy one-touch WPA wireless security encryption with the WPS button

Features

Reliability

- **Simultaneous Dual Band** – Reduces interference for more stable connections
- **Easy Bandwidth Management** – Bandwidth Control makes it easier for you to manage the bandwidth of connected devices



Easy Sharing

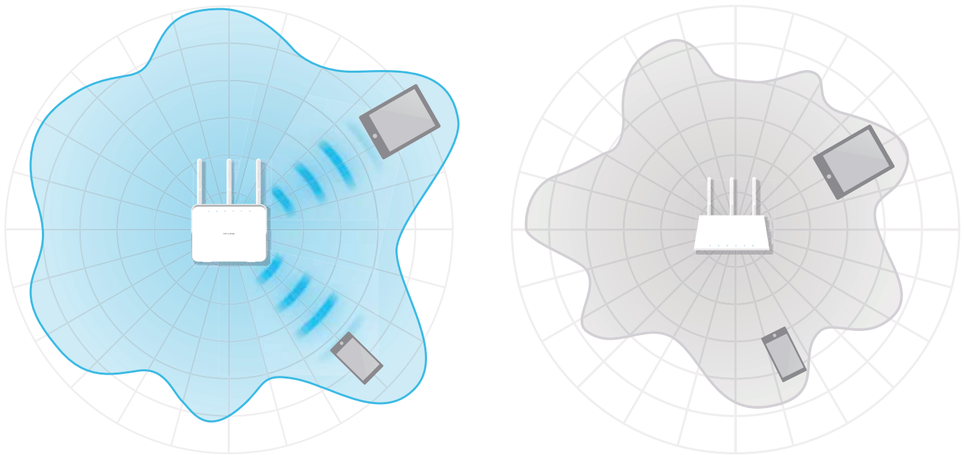
- **10x Faster Transfer Speed** – The USB 3.0 port provides up to 10x faster USB hard drive access than earlier USB 2.0 connections
- **Dual USB Ports for Fast Sharing** – With USB 3.0 and 2.0 ports, you can access and share a printer as well as your files and media locally. Via the router's FTP server, you can also have access to your files & media with networked devices remotely
- **Built-in Print Server** – Supports wireless printing from multiple computers (works in conjunction with a USB Printer)
- **Built-in Media Server** – Allows users to play music, video and view photos

Security

- **Guest Network Access** – Guest Network Access provides secure Wi-Fi access for guests
- **Parental Control** – Establish restricted access policies for all connected devices
- **VPN Support** – Secure access to your home or office network from remote devices
- **SPI and NAT Firewall** – Protects end-user devices from potential attacks from the Internet

Beamforming Technology For Laser-Focused Wi-Fi

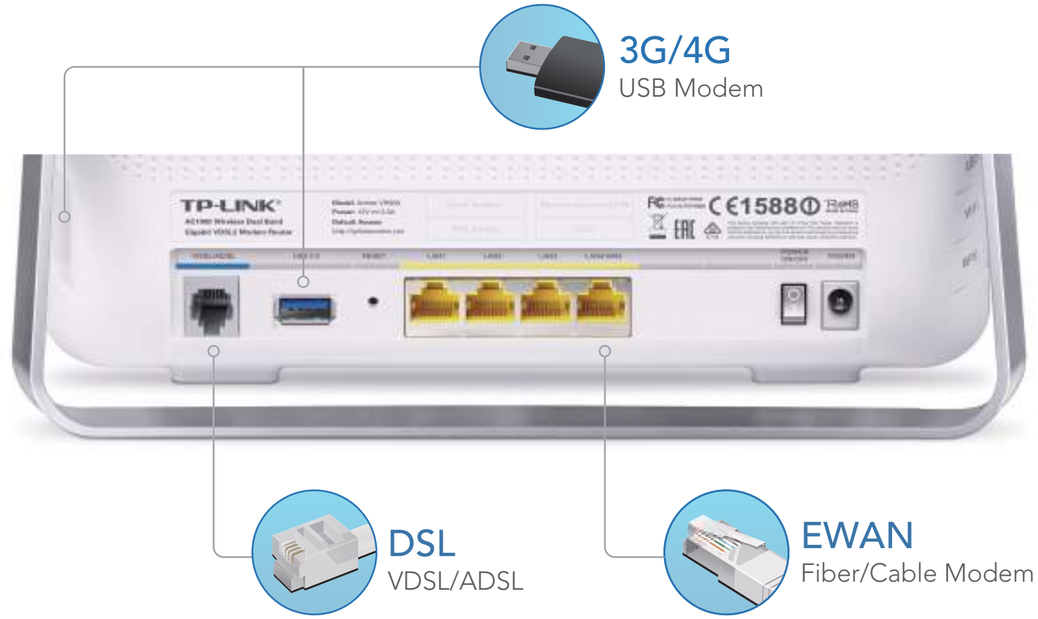
Beamforming concentrates the Wi-Fi signal towards your devices, focusing the data transmission toward the most-needed directions. Superior Wi-Fi bandwidth utilization increases Wi-Fi range, delivering highly targeted and efficient Wi-Fi connections.



Archer VR900 Beamforming Other AC1900 Router

Versatile Connectivity

As a complete integrated modem router, the Archer VR900 provides versatile connectivity options including VDSL/ADSL, fiber/cable and 3G/4G USB dongle connections . This makes it easier when users need to choose among different Internet service providers when necessary.



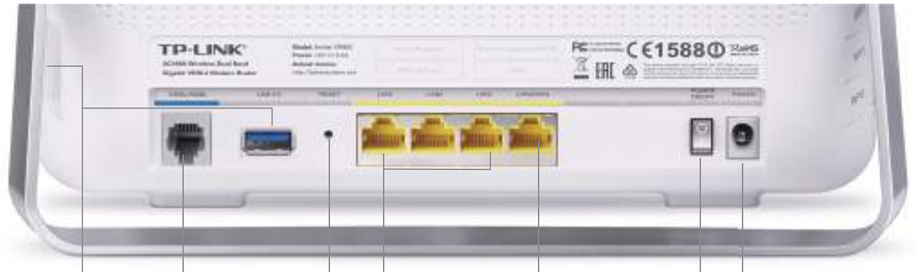
Specifications

Hardware

- **Ethernet Ports:** 3 10/100/1000Mbps RJ45 LAN Ports, 1 10/100/1000Mbps RJ45 WAN/LAN Port, 1 RJ11 Port
- **USB Ports:** 1 USB 3.0 Port + 1 USB 2.0 Port
- **Button:** WPS Button, LED Button, Wireless On/Off Button, Power On/Off Button
- **External Power Supply:** 12V/3.3A
- **Dimensions (W x D x H):** 9.6 x 7.1 x 3.5 in. (245 x 181 x 90 mm)
- **IEEE Standards:** IEEE 802.3, IEEE 802.3u, 802.3ab
- **VDSL2 Standards:** ITU G.993.2, Up to 30a profile (POTS)
  ITU-T G.993.5 (G.vector)
- **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
- **ADSL2 Standards:** ITU-T G.992.3 (G.DMT.bis),
  ITU-T G.992.4 (G.lite.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 802.11a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz
- **Frequency:** 2.4GHz and 5GHz
- **Signal Rate:** 1300Mbps at 5GHz, 600Mbps at 2.4GHz
- **Transmit Power:** <20dBm(EIRP)
- **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 MAC Filtering
- **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
- **VPN Passthrough:** PPTP, L2TP, 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 Bridge), 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
- **Advanced Functions:** Parental Control, 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
- **Management:** Web Based Configuration(HTTP), Remote management, command Line Interface, SSL for TR-069, SNMP v1/2c, Web Based Firmware Upgrade, Diagnostic Tools
- **Guest Network:** 2.4GHz guest network, 5GHz guest network
- **IPSec VPN:** Supports up to 10 IPSec VPN tunnels
- **Protocols:** Supports IPv4 and IPv6

Others

Package Contents

- AC1900 Wireless Gigabit VDSL/ADSL Modem Router Archer VR900
- External Splitter
- RJ11 DSL Cable
- RJ45 Ethernet Cable
- Power Adapter
- Quick Installation Guide

Certification

- CE, FCC, 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
- Cable or DSL Modem
- Subscription with an Internet Service Provider (for Internet access)

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

Others

Ideal to use with

- AC1900 Wireless Dual Band PCI Express Adapter Archer T9E

- AC1200 Wireless Dual Band USB Adapter Archer T4U

Similar Products

- AC1600 Wireless Gigabit VDSL/ADSL Modem Router Archer VR600

- AC750 Wireless Gigabit VDSL/ADSL Modem Router Archer VR200

For more information, please visit
http://www.tp-link.com/en/products/details/?categoryid=&model=Archer+VR900
or scan the QR code left

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