



AC 1900

Wireless Dual Band Gigabit VDSL2 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** – 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 performance on both 2.4GHz and 5GHz band



Dual Core
1 GHz CPU



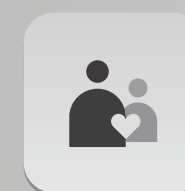
Beamforming
Technology



E-WAN
Connection



Guest
Network

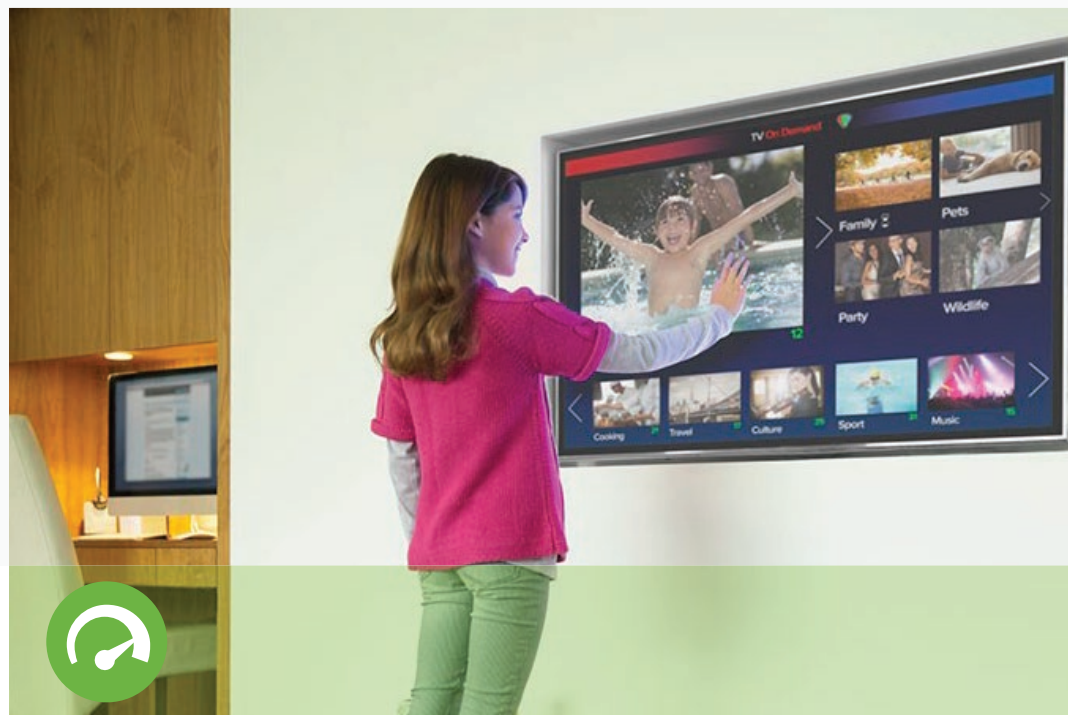


Parental
Control



3G/4G
Connection

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** – 3 detachable dual band antennas ensure continuous Wi-Fi signal to all your devices while boosting widespread coverage throughout your very large home
- **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
- **New Web UI** – TP-LINK's innovative web UI allows users to connect, monitor and control their network more easily
- **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** – IP-based Bandwidth Control makes it easier for you to manage the bandwidth of connected devices



Easy Sharing

- **Dual USB Ports for Fast Sharing** – With one USB 2.0 port, 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
- **10x Faster Transfer Speed** – The USB 3.0 port provides up to 10x faster USB hard drive access than earlier USB 2.0 connections
- **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

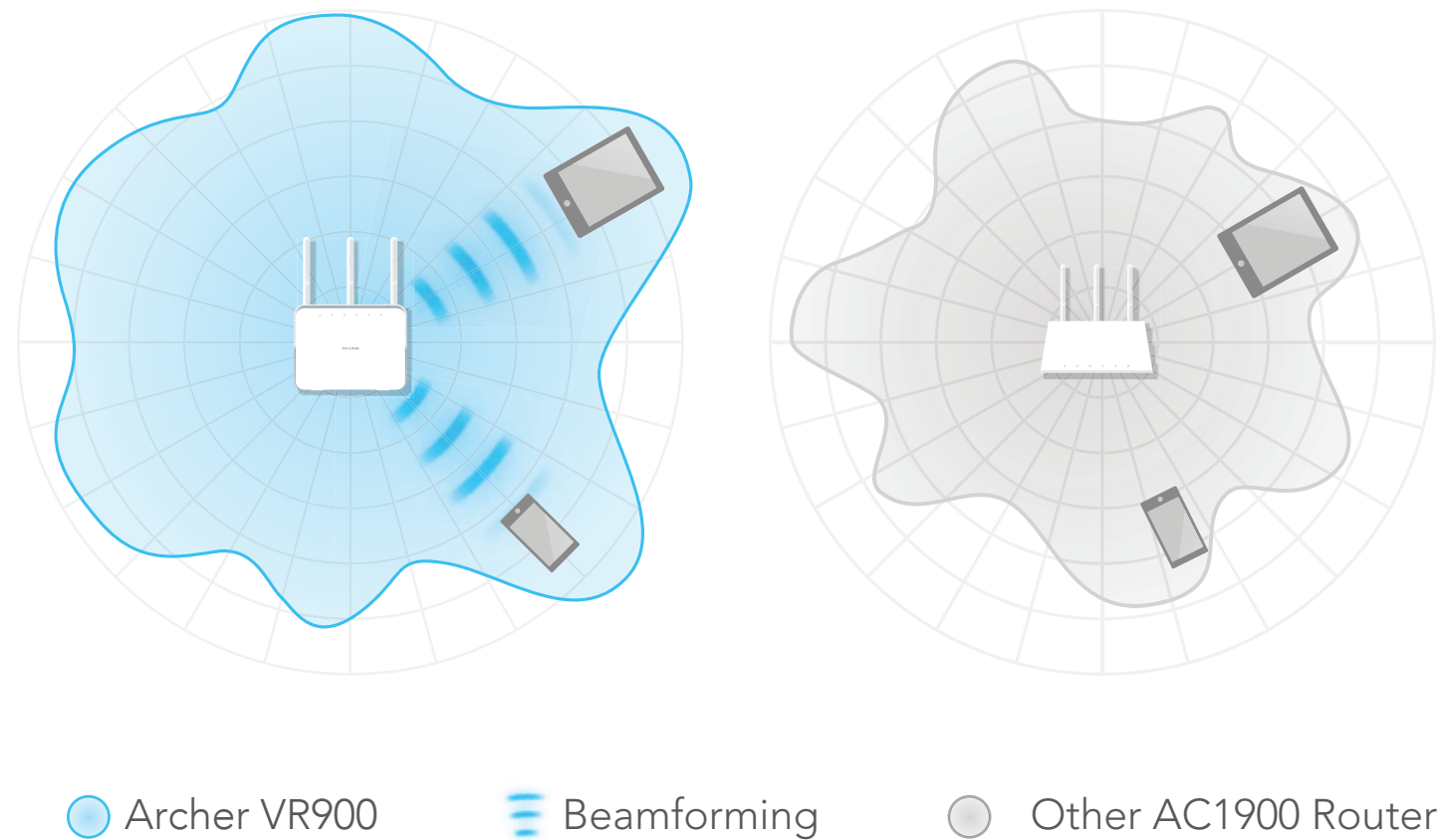


Security

- **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

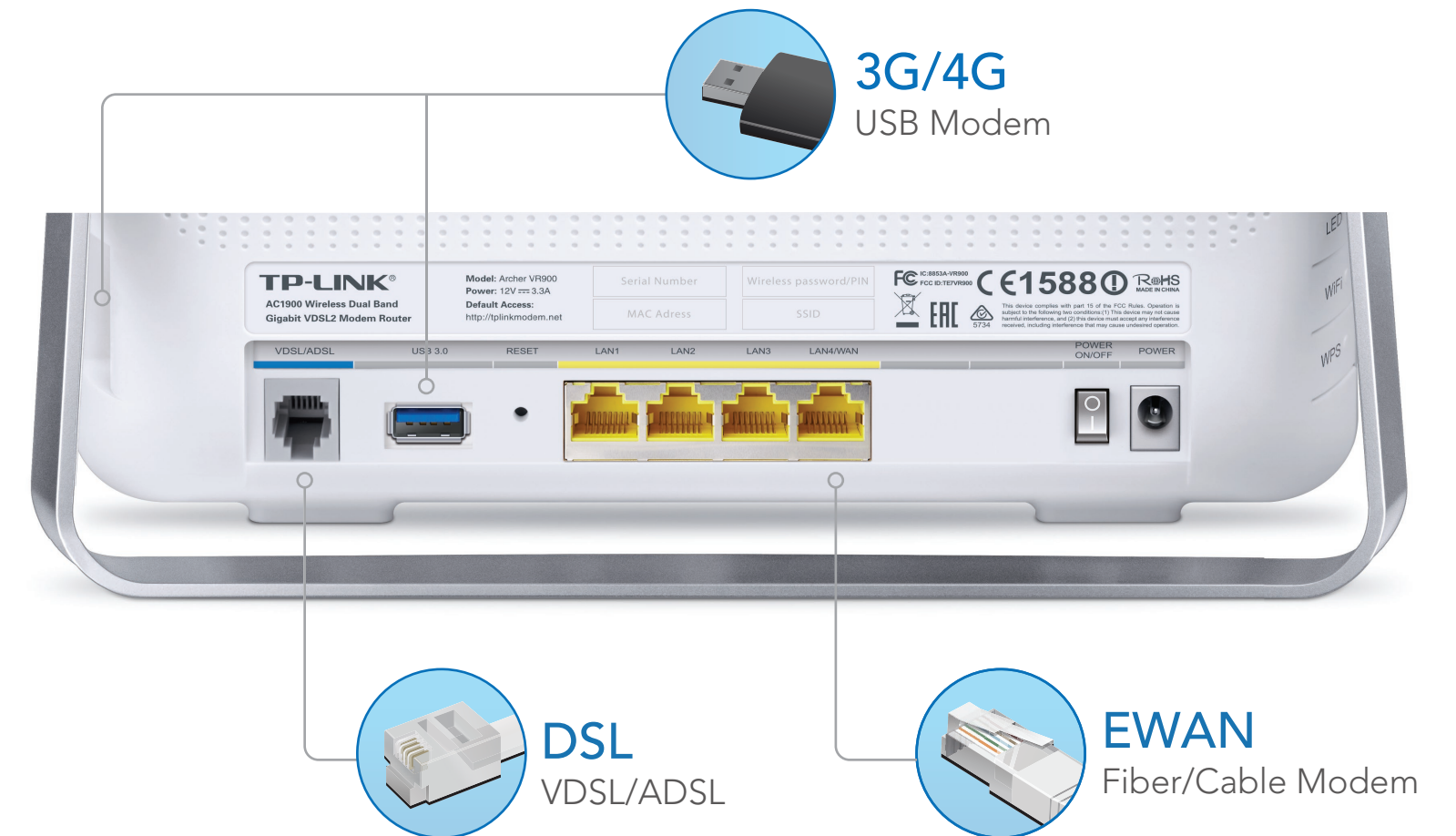
Beamforming Technology For Laser-Focused Wi-Fi

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.



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.



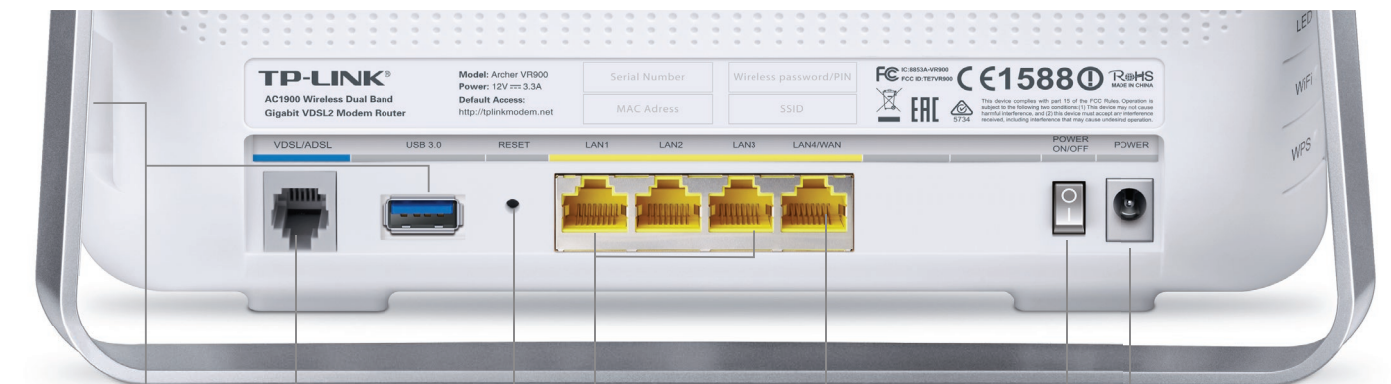
Specifications

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



USB 2.0 & USB 3.0
Connects with hard disk,
printer or 3G/4G modem

Reset

1 LAN/WAN Port
Connect to Fiber
or Cable Modems

Power

VDSL/ADSL Port

3 LAN Ports

Power ON/OFF

Specifications

Software

- **Operation Modes:** VDSL/ADSL Modem Router, Wireless 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 x 1, 5GHz guest network x 1
- **IPSec VPN:** Supports up to 10 IPSec VPN tunnels
- **Protocols:** Supports IPv4 and IPv6

Others

Package Contents

- AC1900 Wireless Dual Band Gigabit VDSL2 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, 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°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

Others

Ideal to use with



- AC1900 Wireless Dual Band PCI Express Adapter Archer T9E



- AC1200 Wireless Dual Band USB Adapter Archer T4U

Similar Products



- AC750 Wireless Dual Band Gigabit VDSL2 Modem Router Archer VR200



- N600 Wireless Dual Band Gigabit VDSL2/ADSL2+ Modem Router TD-W9980



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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Maximum wireless speed of up to 1900Mbps is the theoretical data rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary due to network conditions and environmental factors including volume of network traffic, building materials and construction, network overhead, actual data throughput rate, and wireless coverage. TP-LINK makes no express or implied representations or warranties about this product's compatibility with any future standards. 802.11ac 1300Mbps is approximately 3 times faster than 802.11n 450Mbps. 2.4GHz Performance Mode requires 256 QAM support on Wi-Fi client.

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