



# AC 1900

## Wireless Dual Band Gigabit ADSL2+ Modem Router *Archer D9*

### Highlights

- **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 performance on both 2.4GHz and 5GHz band
- **ADSL/EWAN** – Allows users to have flexibility of different Internet connections among ADSL/VDSL, cable or fiber modem
- **Tether App** – TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices



Dual Core  
1 GHz CPU



Beamforming  
Technology



Dual Band  
2.4 & 5 GHz



600Mbps+  
1300Mbps



Gigabit  
LAN Port



USB  
3.0 Port



Tether  
APP



# 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 coverage throughout your very large home
- **3 Dual Band Antennas** – 3 dual band detachable antennas provide maximum Omni-directional wireless coverage
- **Beamforming Technology** – Archer D9's beamforming technology extends wireless coverage by boosting signal strength



## Reliability

- **Simultaneous Dual Band** – Reduces interference for more stable connections
- **QoS** – Advanced QoS automatically recognizes & prioritizes streaming & gaming applications

# Features



## Easy Sharing

- **Dual USB Ports for Fast Sharing** – With one ultra-fast USB 3.0 port and 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



## Ease of Use

- **Hassle-free Management with Tether App** – Tether App allows easy network management at your fingertips
- **3-Step Quick Installation** – Easy Setup Assistant supporting multiple languages provides a quick & hassle free installation
- **Built-in Intelligent Auto-detection** – Automatically figuring out which connection type to use in a flash, saving the trouble of searching for connection information
- **Fast Encryption** – Easy one-touch WPA wireless security encryption with the WPS button

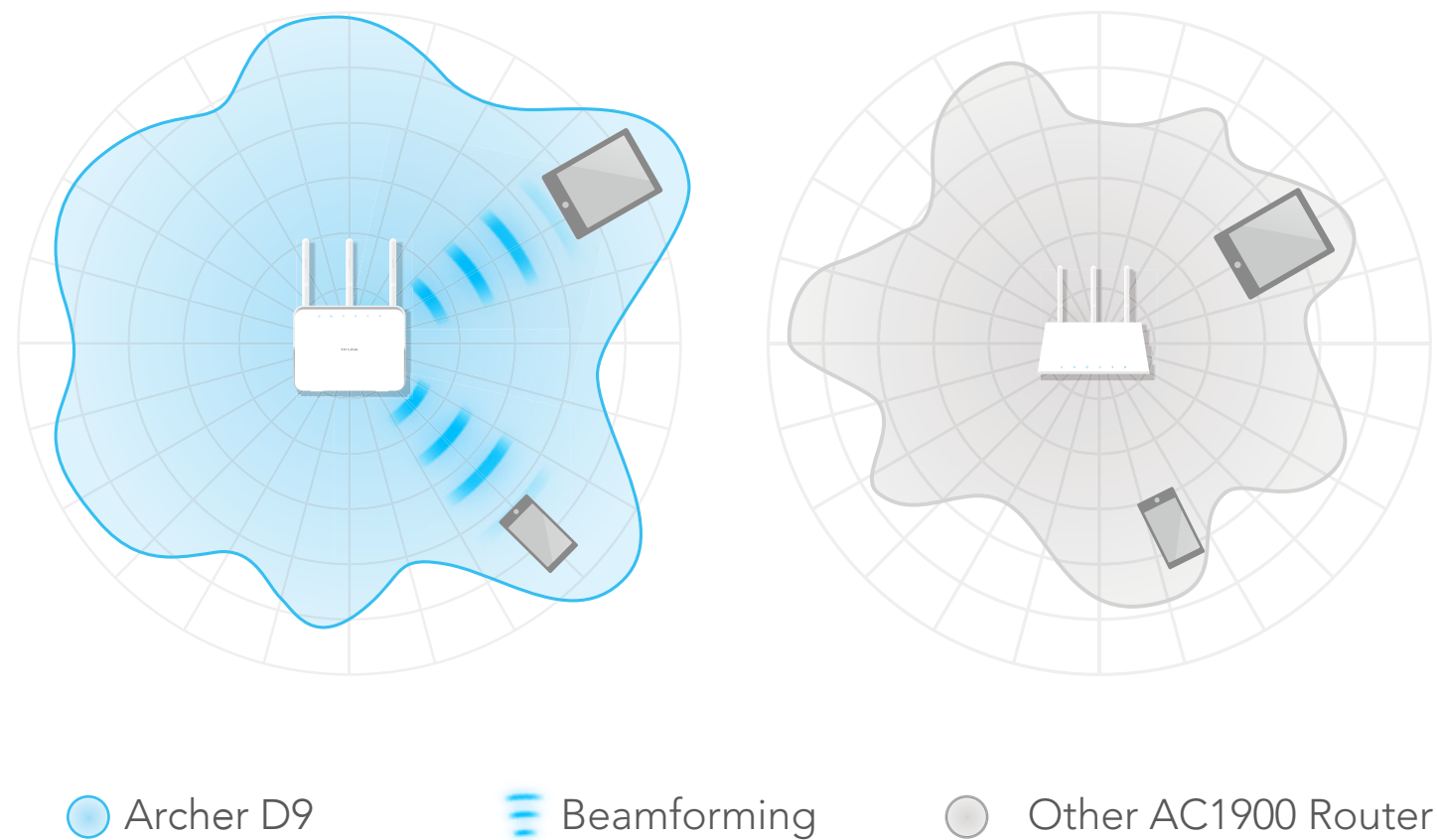


## Security

- **Guest Network Access** – Guest Network Access provides secure Wi-Fi access for guests
- **Parental Control** – Establish restricted access policies for all connected devices
- **Easy Bandwidth Management** – IP-based Bandwidth Control makes it easier for you to manage the bandwidth of 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.



## Tether App Easy Network Management at Your Fingertips

TP-LINK Tether provides the easiest way to access and manage the router on your iOS and Android devices. From Setup to Parental Control, Tether provides a simple, intuitive user interface to see what the status of your router is, who's online and what their privileges are. TP-LINK Tether is going to be adaptable to more router models.



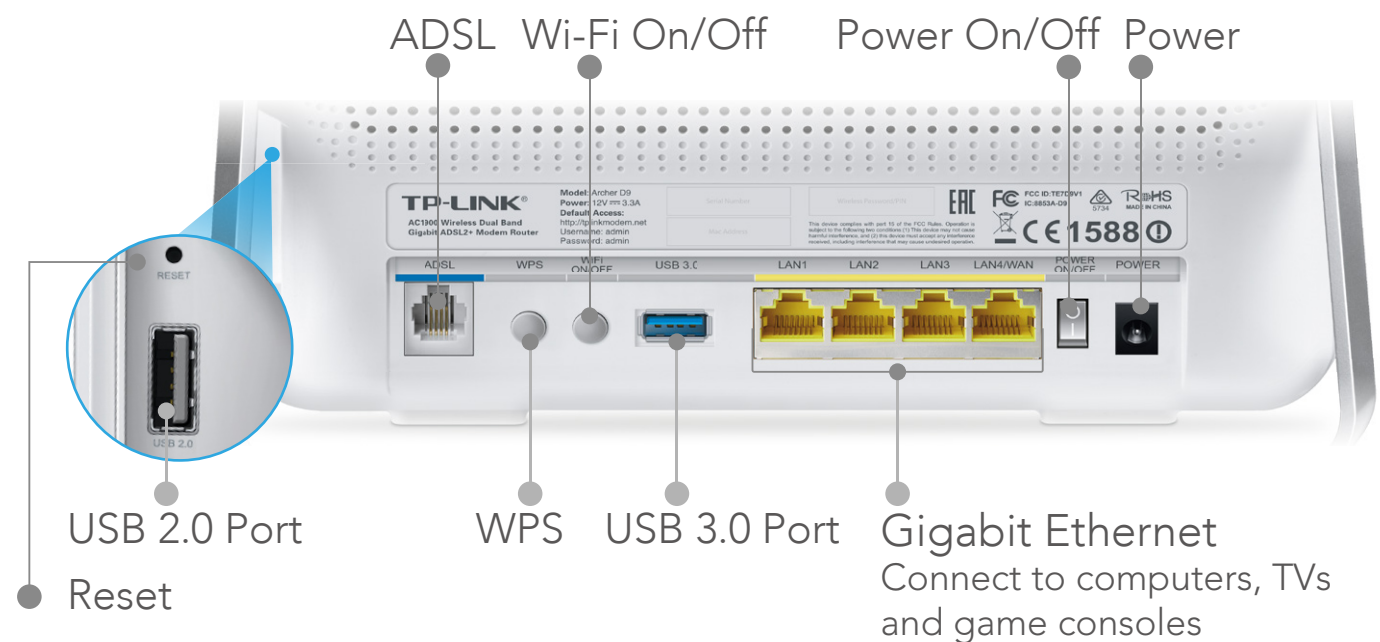
# Specifications

## 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, Reset Button, Wireless On/Off Button, Power On/Off Button
- **External Power Supply:** 12V/3.3A
- **Dimensions (W x D x H):** 8.7 x 3.4 x 6.6 in. (221 x 86 x 168.5mm)
- **IEEE Standards:** IEEE 802.3, 802.3u, 802.3ab
- **ADSL Standards:** Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT), TU-TG.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 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz
- **Frequency:** 2.4GHz and 5GHz
- **Signal Rate:** 1300Mbps at 5GHz, 600Mbps at 2.4GHz
- **Transmit Power:** CE: <20dBm(2.4GHz, EIRP), <23dBm(5GHz, 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

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## Software

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- **Operation Modes:** 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
- **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

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### Package Contents

- AC 1900 Wireless Dual Band Gigabit ADSL2+ Modem Router Archer D9
- External Splitter
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Resource CD
- Power Adapter
- Quick Installation Guide

### Certification

- CE, 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

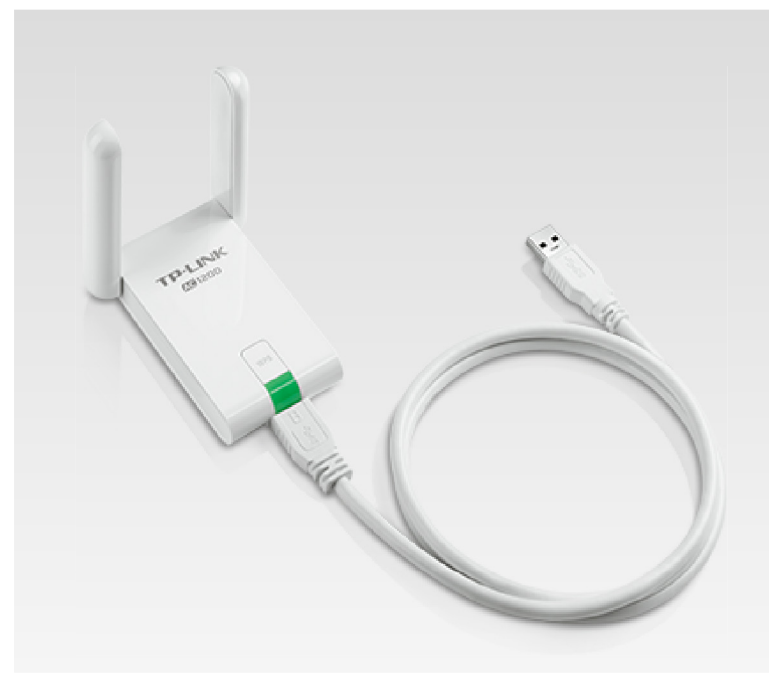
- Operating Temperature: 0°C ~40°C (32°F ~104°F)
- Storage Temperature: -40°C ~70°C (-40°F ~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

# Others

## Ideal to use with



- AC1200 Wireless Dual Band USB Adapter Archer T4U



- AC1200 High Gain Wireless Dual Band USB Adapter Archer T4UH

## Similar Products



- AC1750 Wireless Dual Band Gigabit ADSL2+ Modem Router Archer D7



- AC1200 Wireless Dual Band Gigabit ADSL2+ Modem Router Archer D5



For more information, please visit

<http://www.tp-link.com/en/products/details/?categoryid=&model=Archer+D9>



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.

[www.tp-link.com](http://www.tp-link.com)