tp-link

AC1900
Wireless Dual Band
Gigabit Router

Raise the Bar for Wi-Fi Speed
and Coverage

Archer C9

600Mbps + 1300Mbps
Dual Band Wi-Fi
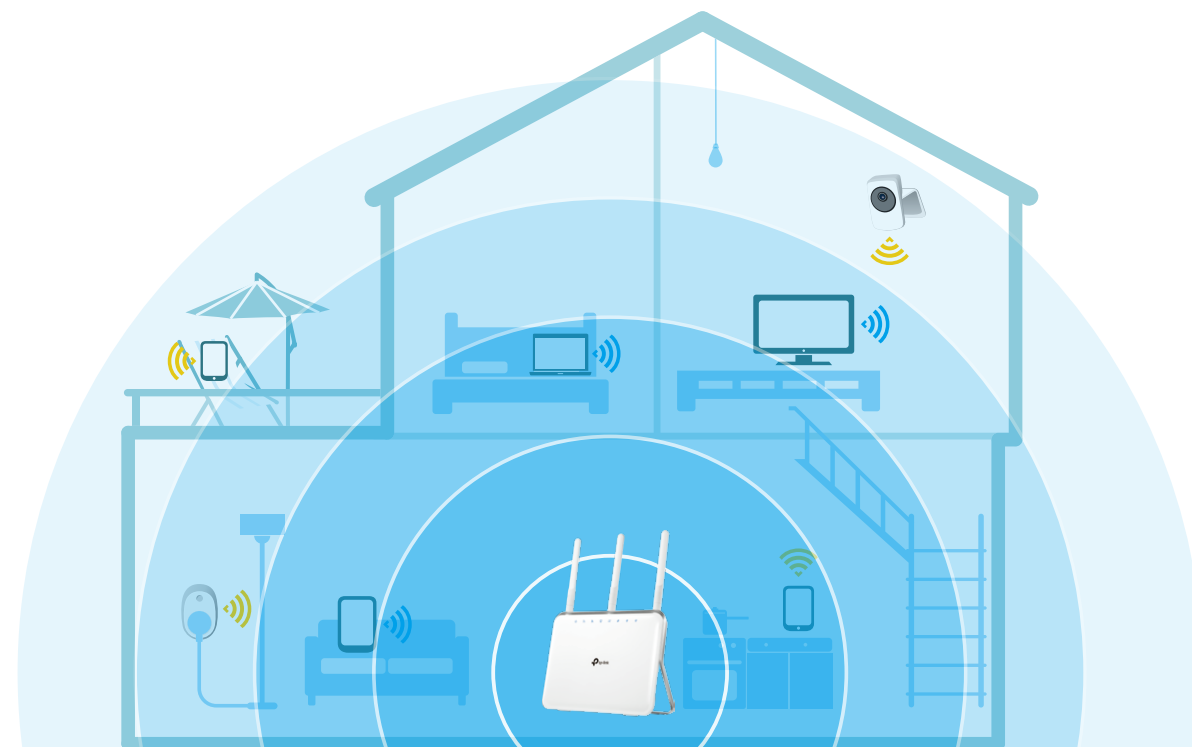
Beamforming

Gigabit
Ports

USB 3.0
Port

1GHz Dual-
Core CPU

Highlights

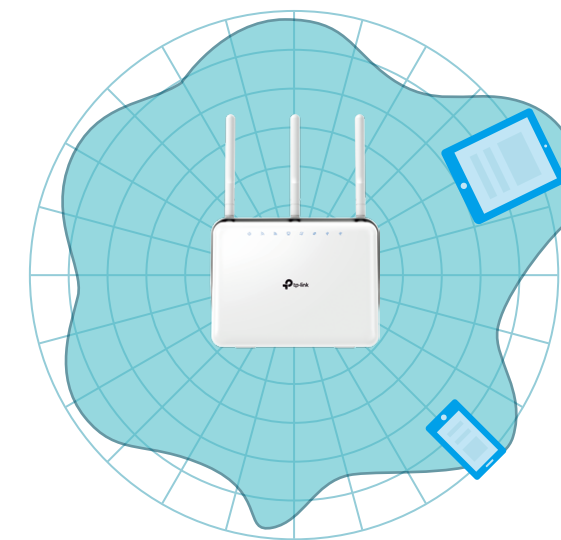## Upgrade Your Home Entertainment with AC1900 Dual Band

Equipped with the next generation 11ac Wi-Fi standard, Wireless AC creates up to 1.9Gbps of combined speed to your home network. The dual 2.4GHz and 5GHz bands allow for more devices to be connected to your home network at once without interruptions.

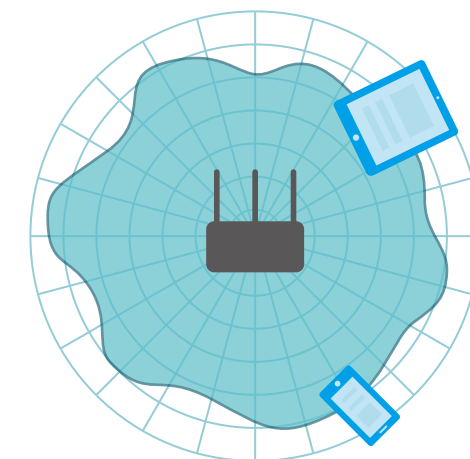2.4GHz 600Mbps

5GHz 1300Mbps

Beamforming for Better Coverage

Beamforming technology dramatically improves the router's coverage by locating wireless devices to form stronger, more reliable connections, even as mobile devices move from room to room.
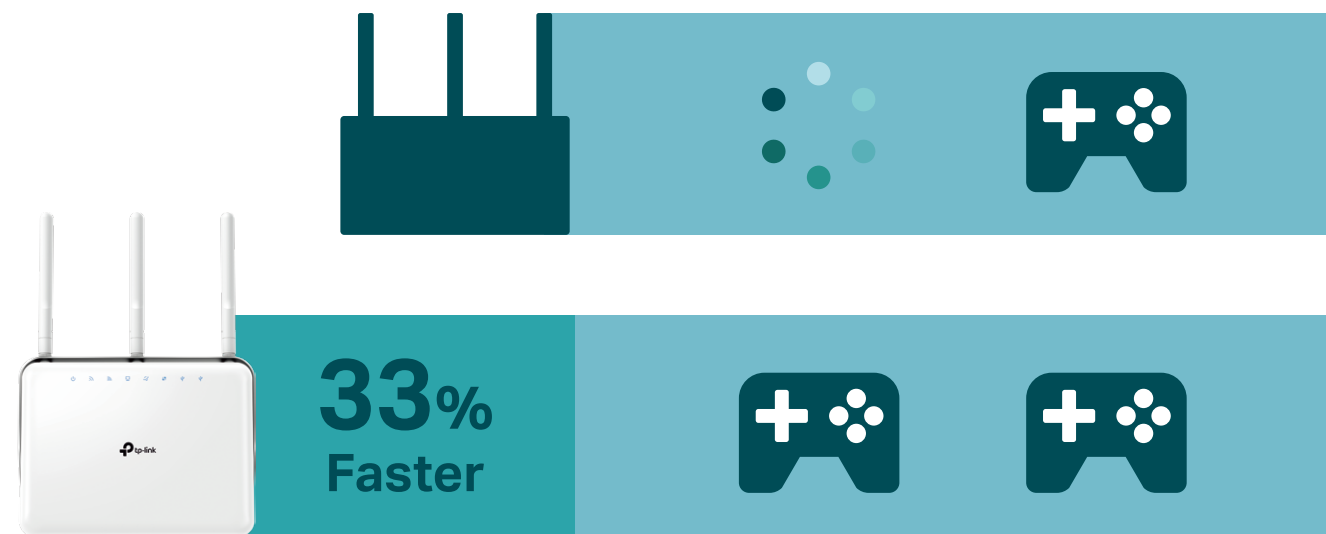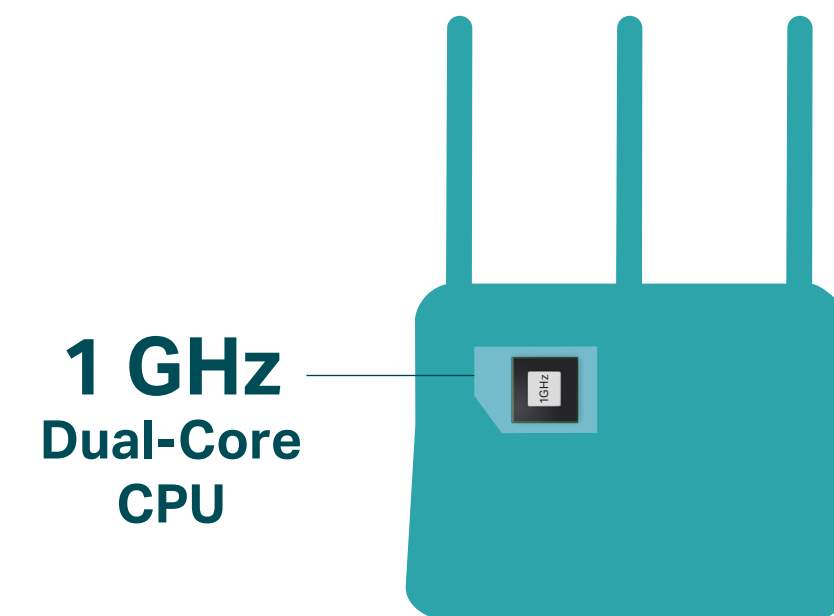
Archer C9

Regular Router

Highlights

TurboQAM™ (256QAM) Technology

Boosts your wireless network speed by up to 33% when compared to standard single-stream routers for excellent performance over 2.4GHz.

33% Faster

1GHz Dual-Core CPU

Superior processing ability keeps connections, data transfers and storage tasks fast and stable for all your connected devices.
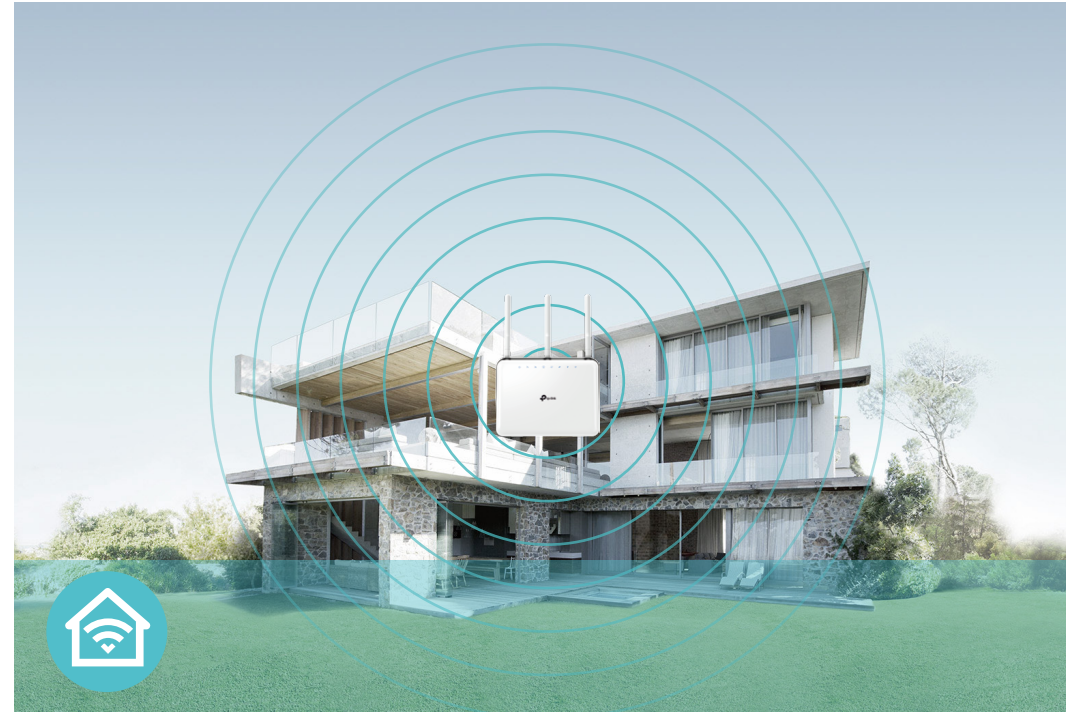

1 GHz Dual-Core CPU

Features

Speed

· **Ultimate Wireless Speed** – Combined wireless speeds up to 600 (over 2.4GHz) and 1300 (over 5GHz) Mbps

· **TurboQAMTM Technology** – Uses TurboQAMTM (256QAM) Technology modulation scheme for higher data throughput, boosting wireless speeds up to 33%

· **Support 802.11 ac** – Provides a data transfer rate 3 times faster than 802.11n for each stream

· **Dual-core CPU** – 1GHz dual-core CPU and 2 co-processors make multi-tasking easy and boost data transfer rate

Wi-Fi Range

· **Ultimate Range Wi-Fi** – 3 dual band high-performance antennas with a high-powered amplifier ensure the widespread Wi-Fi coverage and a stable connection

· **Wi-Fi with Beamforming** – Beamforming technology locates the connected devices and further improves Archer C9's range and the signal strength to each mobile device, delivering a more reliable and efficient wireless connection

Reliability

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

· **Easy Bandwidth Management** – Advanced QoS makes it easier for you to manage the bandwidth of connected devices
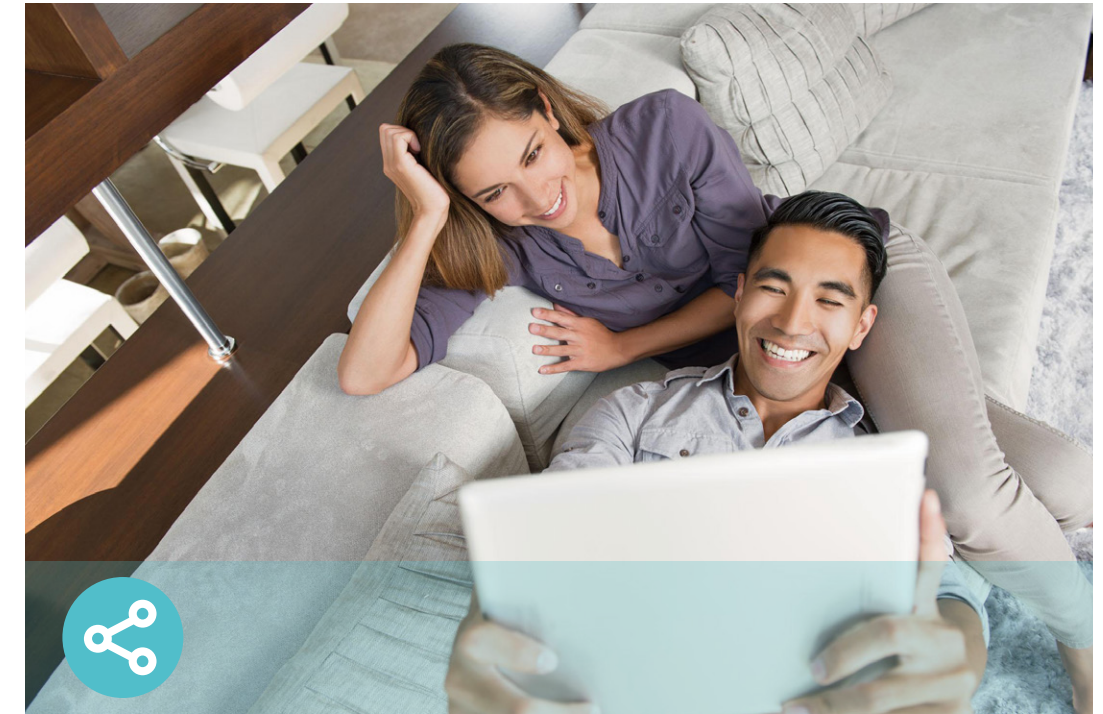
Features

Ease of Use

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

· Fast Encryption – One-touch WPA wireless security encryption with the WPS button

· Wi-Fi On/Off – Turn on/off wireless radio as needed using the WiFi On/Off button

· Power On/Off – Conveniently power on or off your router as required

· Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android and iOS device

Security

· Guest Network – Keeps your main network secure by creating a separate network for friends and visitors

· Access Control – Establishs a whitelist or blacklist to allow or restrict certain devices to access the internet

· Parental Controls – Restricts internet access time and contents for children devices

· VPN Server – PPTP VPN and OpenVPN are supported, making it easy to set up a secure connection between your private network and the Internet

· Encryptions for Secure Network – WPA-PSK and WPA2-PSK encryptions provide active protection against security threats
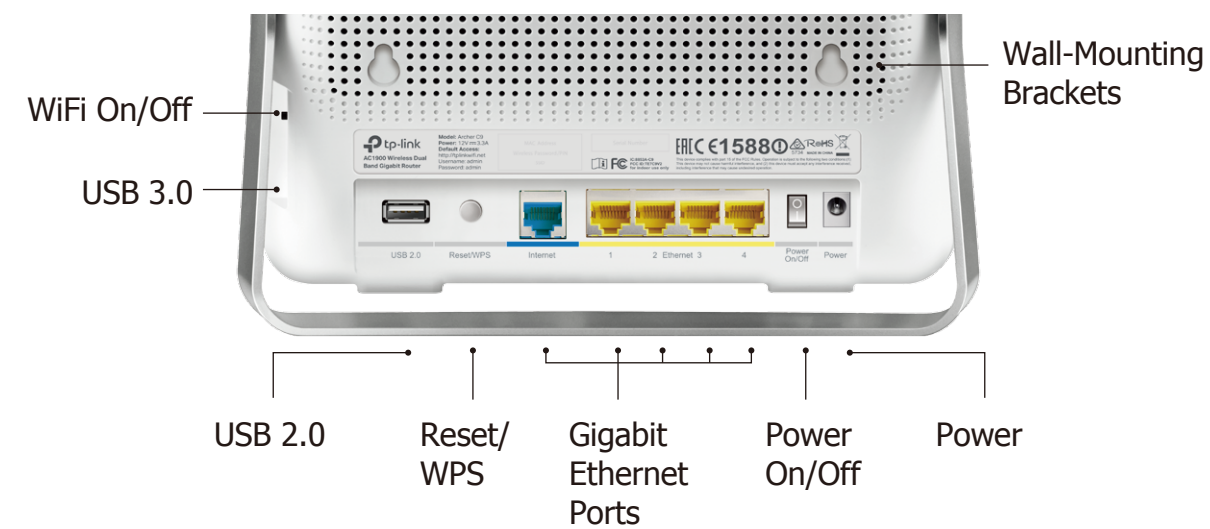
Easy Sharing

· 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. Through the router's FTP server, you can also access your files and media from network devices remotely

· 10x Faster Transfer Speed – The USB 3.0 port provides up to 10x faster USB hard drive access than previous generation USB 2.0 connections

· 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

· Built-in Time Machine - Regularly backs up all the files on your Macbook to a USB storage device connected to the router

Specifications

Hardware

- Ethernet Ports: 4 10/100/1000Mbps LAN Ports, 1 10/100/1000Mbps WAN Port

- USB Ports: 1 USB 3.0 Port, 1 USB 2.0 Port

- Buttons: WiFi On/Off Button, Power On/Off Button, Reset/WPS Button

- Antennas: 3 Dual Band Antennas

- External Power Supply: 12VDC/2A (EU version),12VDC/3.3A (US version)

- Dimensions (W x D x H): 8.7 X 3.4 X 6.6 in. (221 X 86 X 168.5mm)

WiFi On/Off
USB 3.0
Wall-Mounting Brackets
USB 2.0
Reset/ WPS
Gigabit Ethernet Ports
Power On/Off
Power

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), <23dBm(5GHz)

  FCC: <30dBm(2.4GHz & 5GHz)

- Reception Sensitivity:

  5GHz:

  11a 54Mbps: -76dBm, 11n HT20 MCS7: -73dBm

  11n HT40 MCS7: -70dBm, 11ac VHT20 MCS8: -69dBm

  11ac VHT40 MCS9: -64dBm, 11ac VHT80 MCS9: -61dBm

  2.4GHz:

  11b 11Mbps: -92dBm, 11g 54Mbps: -77dBm

  11n HT20 MCS7: -75dBm, 11n HT40 MCS7: -72dBm

  11ac VHT20 MCS8: -70dBm, 11ac VHT40 MCS9: -66dBm

- Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics

- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions, QSS

Specifications

Software

- Quality of Service: WMM, Bandwidth Control
- WAN Type: Dynamic IP, Static IP, PPPoE, PPTP(Dual Access), L2TP(Dual Access), Bigpond
- Management: Access Control, Local Management, Remote Management
- DHCP: Server, DHCP Client List, Address Reservation
- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ
- Dynamic DNS: DynDns, NO-IP, TP-Link
- VPN Server: PPTP, Open VPN
- Access Control: Parental Control, Local Management Control, Blacklist, Whitelist
- Firewall Security: DoS, SPI Firewall, IP and MAC Address Binding
- Protocols: IPv4, IPv6
- USB Sharing: Supports Samba(Storage), FTP Server, Media Server, Printer Server
- Guest Network: 2.4GHz guest network x 1, 5GHz guest network x 1

Others

- Certification:

  CE, FCC, RoHS

- System Requirements:

  Microsoft Windows 98SE/NT/2000/XP/Vista™/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

- Package Contents

  AC1900 Wireless Dual Band Gigabit Router Archer C9

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

For more information, please visit
http://www.tp-link.com/en/products/details/Archer-C9.html
or scan the QR code left

www.tp-link.com