



# AC 900

## Wireless Dual Band Router *Archer C20*

### Highlights

- **Brand New Wi-Fi Standard** - The advanced 802.11ac Wi-Fi gets your home network revolutionized
- **Fast Wireless** - Concurrent 2.4GHz 450Mbps and 5GHz 433Mbps dual band Wi-Fi connections
- **3x3 MIMO at 2.4GHz** - Up to 50% speed up at 2.4GHz wireless band
- **Superior Coverage** - Three external antennas provide superior coverage
- **Advanced Functions** - Manage your router cleverly with Parental Control and Guest Network functions
- **Tether App** - Provides easy router management in your palm



450Mbps+  
433Mbps



Dual Band  
2.4 & 5 GHz



Maximum  
Range



Guest  
Network



Parental  
Control



TP-LINK  
Tether App

# Features



## Speed

- **Fast Wireless Speed** – Combined wireless speeds up to 883Mbps at 2.4GHz & 5GHz bands concurrently
- **3x3 MIMO** – Up to 50% speed up at 2.4GHz wireless band than standard AC routers
- **802.11ac Wi-Fi Standard** – The 5GHz wireless band offers 3 times faster data rate than wireless N in a single stream



## Wi-Fi Range

- **Three Antennas** – Three external antennas provide superior coverage
- **High Gain** – High gain external antennas enhance Wi-Fi range and stability



## Reliability

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

# Features



## Ease of Use

- **One Button Connectivity** – Setup wireless connections safely and easily at a push of the WPS button
- **Easy On/Off** – Dedicated Wi-Fi button allows users to turn wireless radio on or off
- **Powerful Phone App** – Tether App provides an easy way to manage network setting on your palm
- **Intuitive Web UI** – Helps you set up the router in minutes



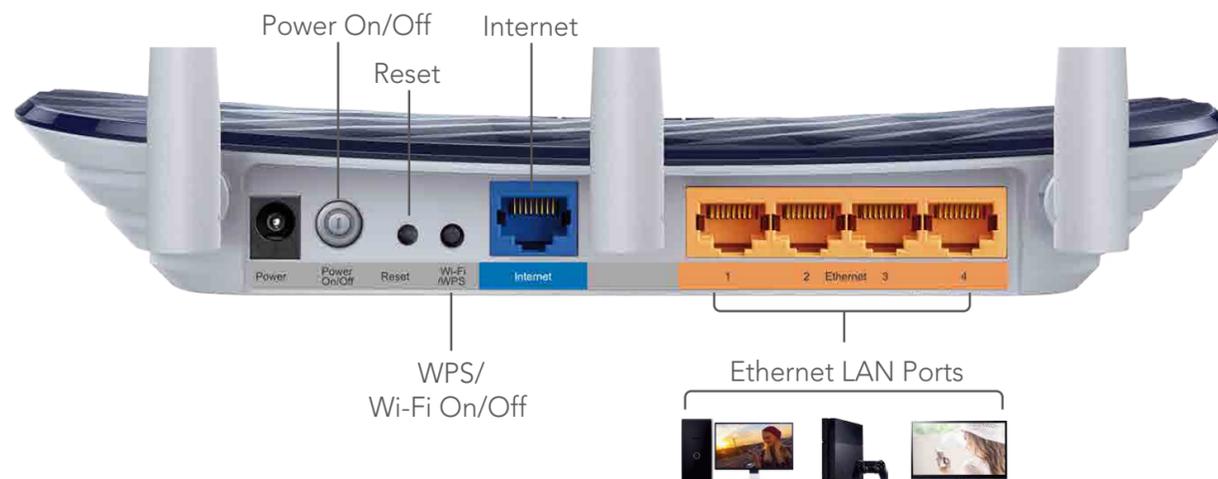
## Security

- **Guest Network** – Allow guests to join your Wi-Fi network, while protecting your privacy
- **Parental Control** – Establish restricted access policies for all connected devices
- **Encryptions for Secure Network** – WPA-PSK/WPA2-PSK encryptions provide active defense against security threats for user networks

# Specifications

## Hardware

- **Ethernet Ports:** 4 10/100Mbps LAN Ports & 1 10/100Mbps WAN Port
- **Button:** WPS/Wi-Fi Button, Reset Button, Power On/Off Button
- **External Power Supply:** 9V/0.85A(EU), 12V/1A(US)
- **Dimensions (W × D × H):** 9.1×5.7×1.4 in (230×144×35mm)
- **Antenna:** 2 × 2.4GHz Antennas  
1 × 5GHz & 2.4GHz Dual Band Antenna



## Wireless

- **Wireless Standards:** IEEE 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz
- **Frequency:** 2.4GHz and 5GHz
- **Signal Rate:** 450Mbps at 2.4GHz, 433Mbps at 5GHz
- **Transmit Power:** CE: <20dBm(2.4GHz), <23dBm(5GHz)
- **Reception Sensitivity: 5GHz:** 11a 54M: -76dBm; 11ac VHT20 MCS8: -70dBm; 11ac VHT40 MCS9: -65.5dBm; 11ac VHT80 MCS9: -61.5dBm  
**2.4GHz:** 11g 54M: -76dBm; 11n; HT20 MCS7: -74dBm; 11n HT40 MCS7: -71dBm
- **Wireless Function:** Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- **Wireless Security:** 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions
- **3 × 3 MIMO: 450Mbps at 2.4GHz**



# Specifications

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## Software

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- **WAN Type:** Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)/Bigpond
- **DHCP:** Server, Client, DHCP Client List, Address Reservation
- **Quality of Service:** WMM, Bandwidth Control
- **Port Forwarding:** Virtual Server, Port Triggering, UPnP, DMZ
- **Dynamic DNS:** DynDns, Comexe, NO-IP
- **VPN Passthrough:** PPTP, L2TP, IPSec
- **Access Control:** Parental Control, Local Management Control, Host list, Access Schedule, Rule Management
- **Firewall Security:** DoS, SPI Firewall, IP Address Filter/Domain Filter, IP and MAC Address Binding
- **Protocols:** Supports IPv4 and IPv6
- **Management:** Access Control, Local Management, Remote Management
- **Guest Network:** 2.4GHz guest network, 5GHz guest network

## Others

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### Package Contents

- AC900 Wireless Dual Band Router Archer C20
- Power Adapter
- RJ45 Ethernet Cable
- Quick Installation Guide

### Certification

- CE, RoHS

### System Requirements

- Microsoft Windows XP/Vista/7/8/8.1/10, MAC OS, UNIX or Linux
- Internet Explorer, Firefox, Chrome, Safari or other Java-enabled browsers
- Cable or DSL or Fiber Modem/Terminal
- 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



- AC1300 High Gain Wireless Dual Band USB Adapter Archer T4UH

## Similar Products



- AC1350 Wireless Dual Band Router Archer C58



- AC900 Wireless Dual Band Router Archer C2



For more information, please visit

[http://www.tplink.com/en/products/details/cat-9\\_Archer-C20.html](http://www.tplink.com/en/products/details/cat-9_Archer-C20.html)

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Maximum wireless speed of up to 883Mbps 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.

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