



# AC1200 Dual Band Wi-Fi Router

Four Antennas for Faster AC  
Wi-Fi and Greater Coverage



Archer C50



Dual-Band Wi-Fi  
867 Mbps + 300 Mbps<sup>†</sup>



Router/ Access Point / Range  
Extender Multiple Modes



4 × 5dBi  
Antennas

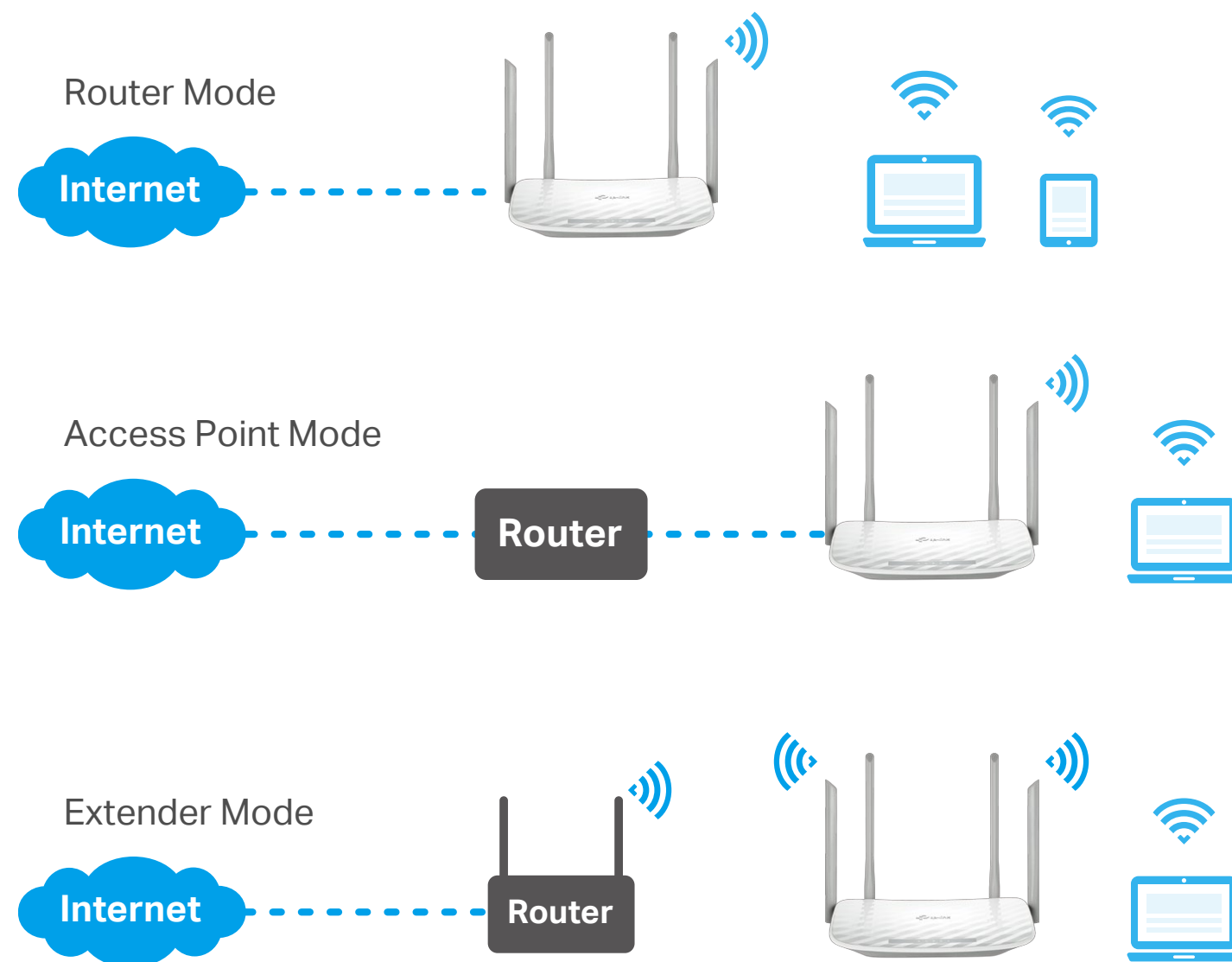


Faster Wi-Fi  
with MU-MIMO<sup>†</sup>

# Highlights

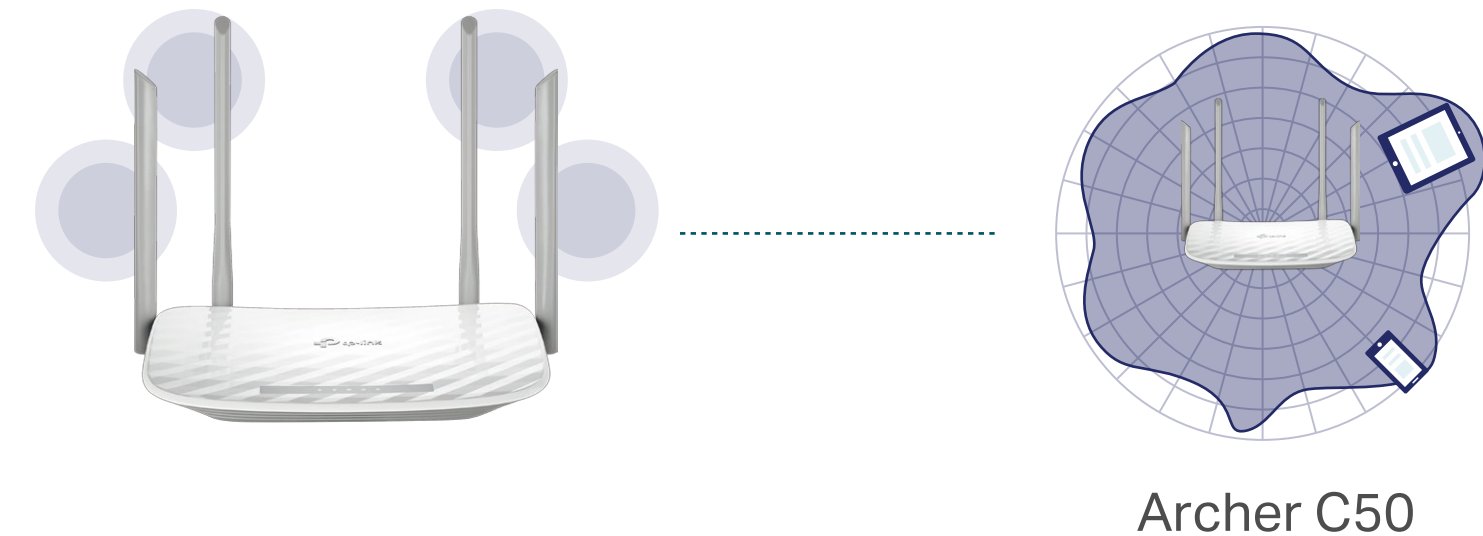
## Multi-Mode Function

In addition to serving as a wireless router, this router can also function as a wireless access point or range extender, providing you with the flexibility you need in any situation. The mode can be easily setup in the web management page or Tether App.



## 4 Antennas & Beamforming for Maximum Coverage

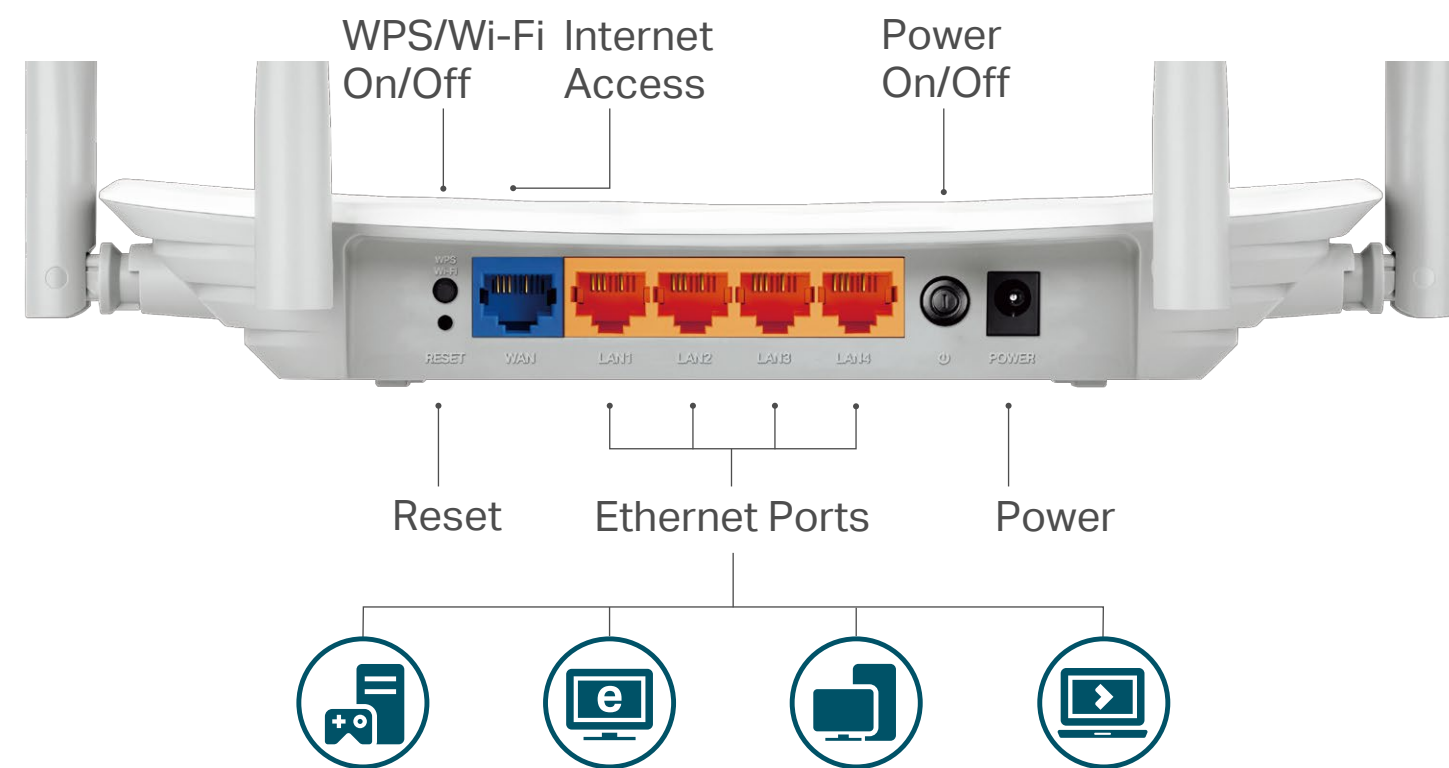
Equipped with four external antennas, Archer C50 creates stronger and more reliable networks for all to enjoy in your home. Beamforming technology concentrates the Wi-Fi signal towards your connected devices, providing better Wi-Fi range and network performance.



# Highlights

## Fast Ethernet

Enjoy fast, reliable wired connections for gaming and streaming in the best quality.



# Features



## Reliability

- Ultimate Wireless Speed – 300 Mbps Wi-Fi speed on 2.4 GHz and 867 Mbps Wi-Fi speed on 5 GHz meet your daily internet needs
- MU-MIMO – Simultaneously transfers data to multiple devices
- Bandwidth Control – Assign your preferred devices with more bandwidth
- IPTV – Support IGMP Proxy/Snooping, Bridge and Tag VLAN to optimize IPTV streaming



## Ease of Use

- Intuitive Web UI – Ensure quick and simple installation without hassle
- Fast Encryption – Make secure wireless connection quickly and easily with the push of a WPS button
- Hassle-free Management with Tether App – Let you manage your network settings with your smartphone



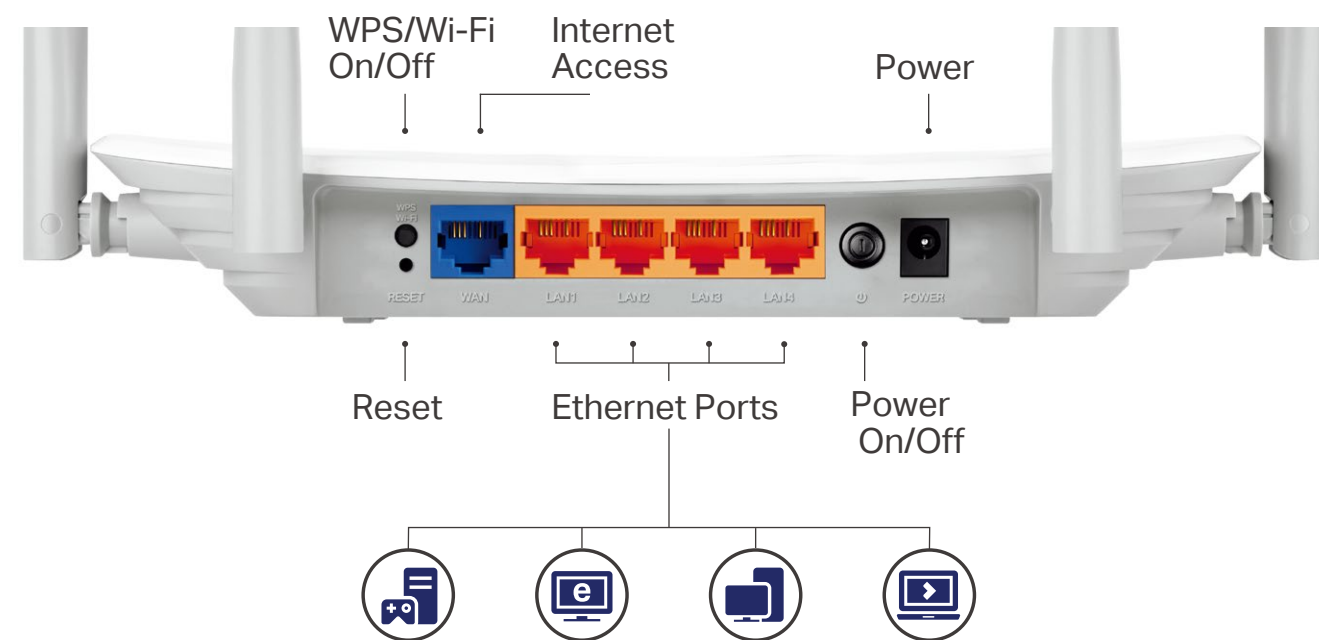
## Security

- Active Defense – WPA-PSK/WPA2-PSK encryptions provide active protection against security threats
- Guest Network – Provide separate access for guests while securing the home network
- Access Control – Establish a whitelist or blacklist to allow or block certain devices from accessing the internet
- Parental Controls – Manage when and how connected devices can access the internet

# Specifications

## Hardware

- Ethernet Ports: 4\*10/100 Mbps LAN Ports, 1\*10/100 Mbps WAN Port
- Buttons: Reset Button, Power On/Off Button, WPS/Wi-Fi On/Off Button
- Antennas: 4 Fixed Omni Directional Antennas
- External Power Supply: 9VDC/0.85A
- Dimensions (W x D x H): 9.1 x 5.7 x 1.4 in. (230 x 144 x 35 mm)



## Wireless

- Wireless Standards: IEEE 802.11ac/n/a 5 GHz, IEEE 802.11b/g/n 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate:
  - 5 GHz: Up to 867 Mbps
  - 2.4 GHz: Up to 300 Mbps
- Transmission Power:
  - CE EIRP: <20dBm(2.4GHz) <23dBm(5GHz)
  - FCC: <30dBm(2.4GHz & 5GHz)
- Reception Sensitivity:
  - 5 G:
    - 11a 54M:-77dBm;
    - 11ac VHT20 MCS8:-72 dBm;
    - 11ac VHT40 MCS9:-68 dBm;
    - 11ac VHT80 MCS9:-63 dBm;
  - 2.4 G:
    - 11g 54M:-76 dBm;
    - 11n HT20 MCS7:-74 dBm;
    - 11n HT40 MCS7:-71 dBm;
- Wireless Function: Enable/Disable Wireless Radio, WMM, Wireless Schedule, Wireless Statistics
- Wireless Security: 64/128-bit WEP,WPA / WPA2,WPA-PSK / WPA2-PSK encryption

# Specifications

## Software

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

## Others

- Certification  
CE, RoHS
- System Requirements  
Microsoft Windows 10/8.1/8/7/Vista/XP/2000/NT/98SE, 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)  
Operating Humidity: 10%~90% non-condensing
- Package Contents  
Wireless Router Archer C50  
Power Adapter  
RJ45 Ethernet Cable  
Quick Installation Guide



For more information, please visit

<http://www.tp-link.com/en/products/details/Archer-C50.html>

or scan the QR code left

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\*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

†Use of MU-MIMO requires clients to also support MU-MIMO.

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

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