





# AC1900 MU-MIMO Wi-Fi Router


Dual Band | Mesh




Archer C86

 1300 Mbps 5 GHz +  
600 Mbps 2.4 GHz†

 EasyMesh-Compatible  
Create Seamless Wi-Fi\*

 Faster Wi-Fi  
with MU-MIMO

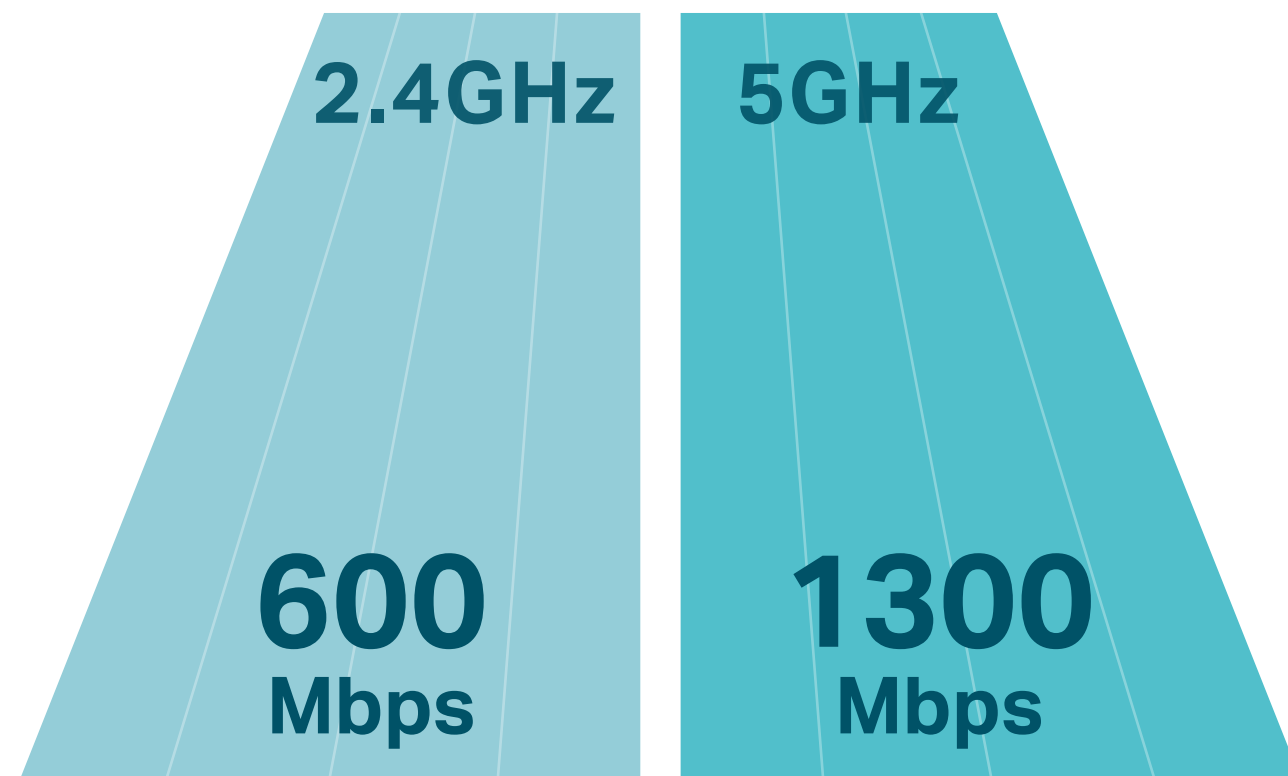
 Easy Setup by  
Tether App

 Full Gigabit  
Ports

# Highlights

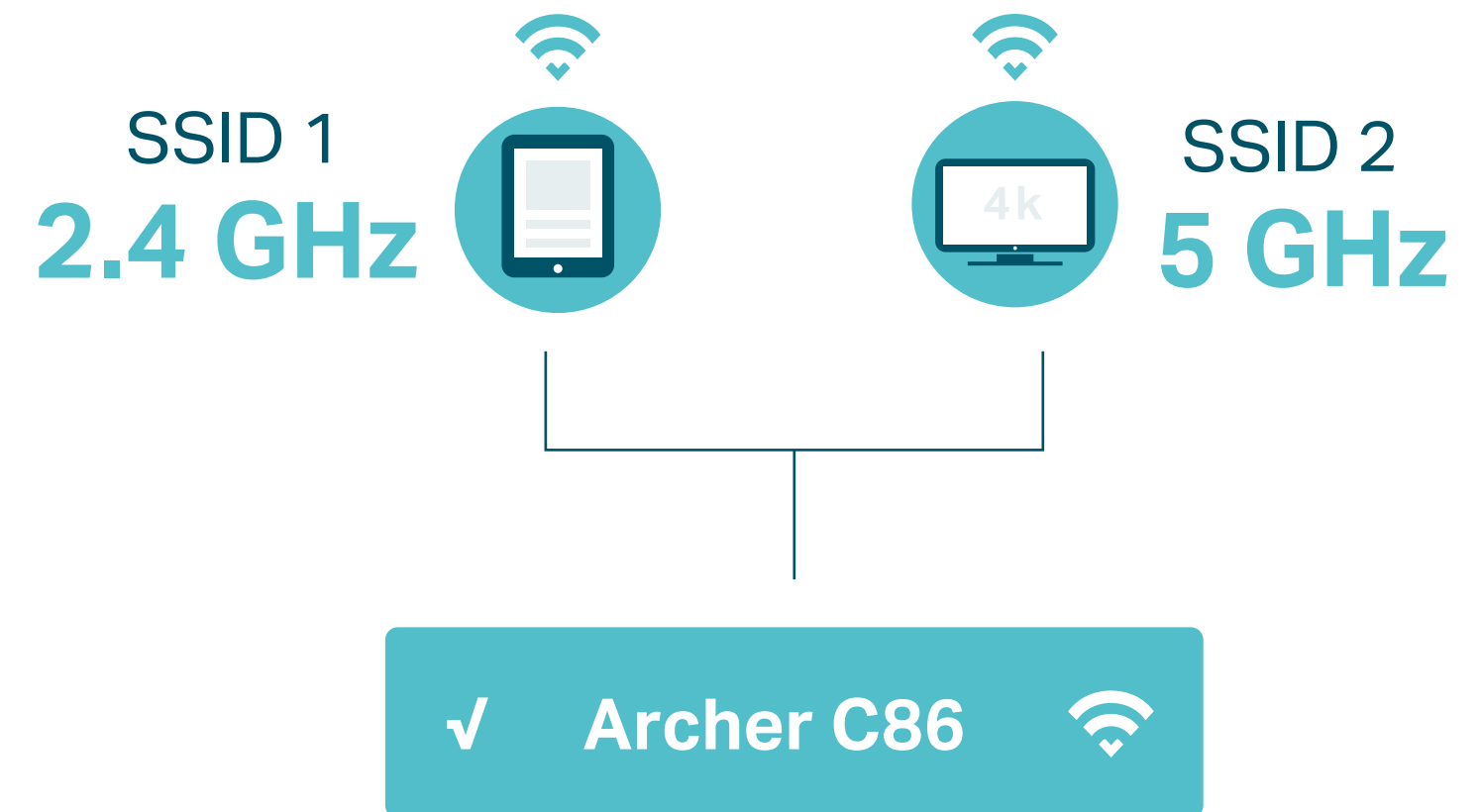
## Speeds up to 1900 Mbps

1300 Mbps on the 5 GHz band and 600 Mbps on the 2.4 GHz are ideal for both everyday tasks and lag-free online entertainment. †



## Smart Connect

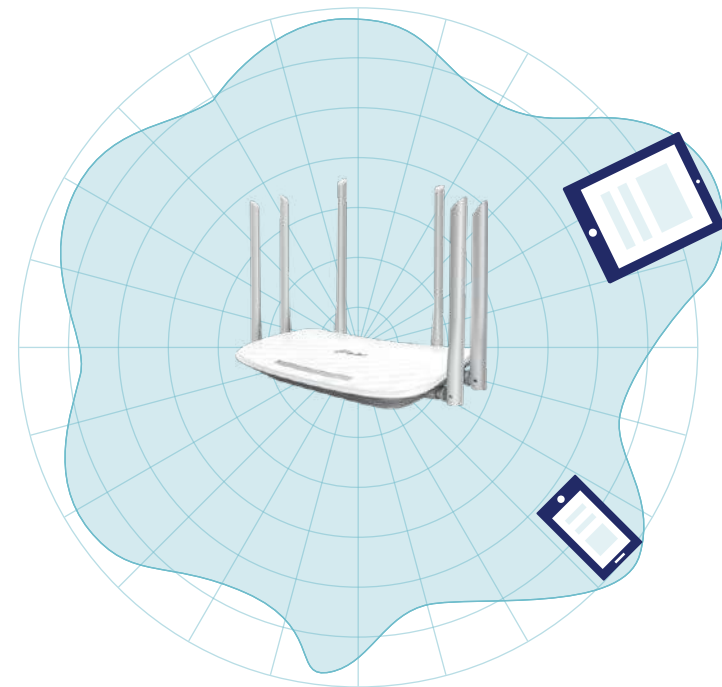
Smart Connect unites 2.4 GHz and 5 GHz band into a single Wi-Fi SSID and helps the router automatically switch each device's connection to the best available Wi-Fi band.



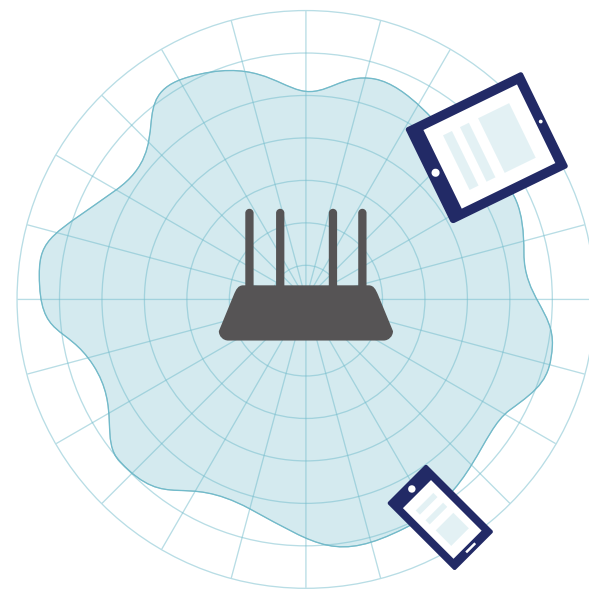
# Highlights

## Broader Wi-Fi Coverage

Beamforming technology and six external antennas concentrates the Wi-Fi signal towards your connected devices, providing better Wi-Fi range and network performance.



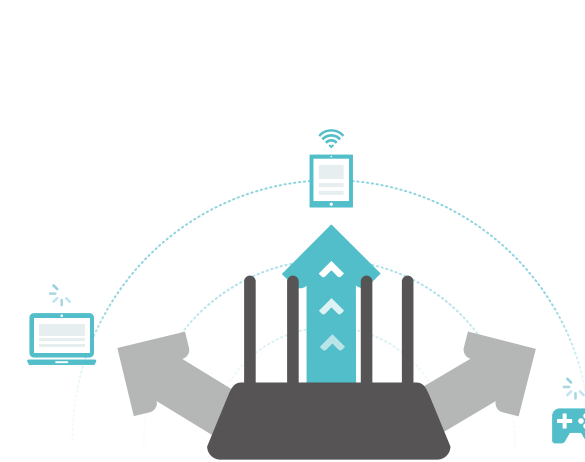
Archer C86



Regular Router

## MU-MIMO

MU-MIMO technology serves multiple devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.†



**Traditional  
Router**

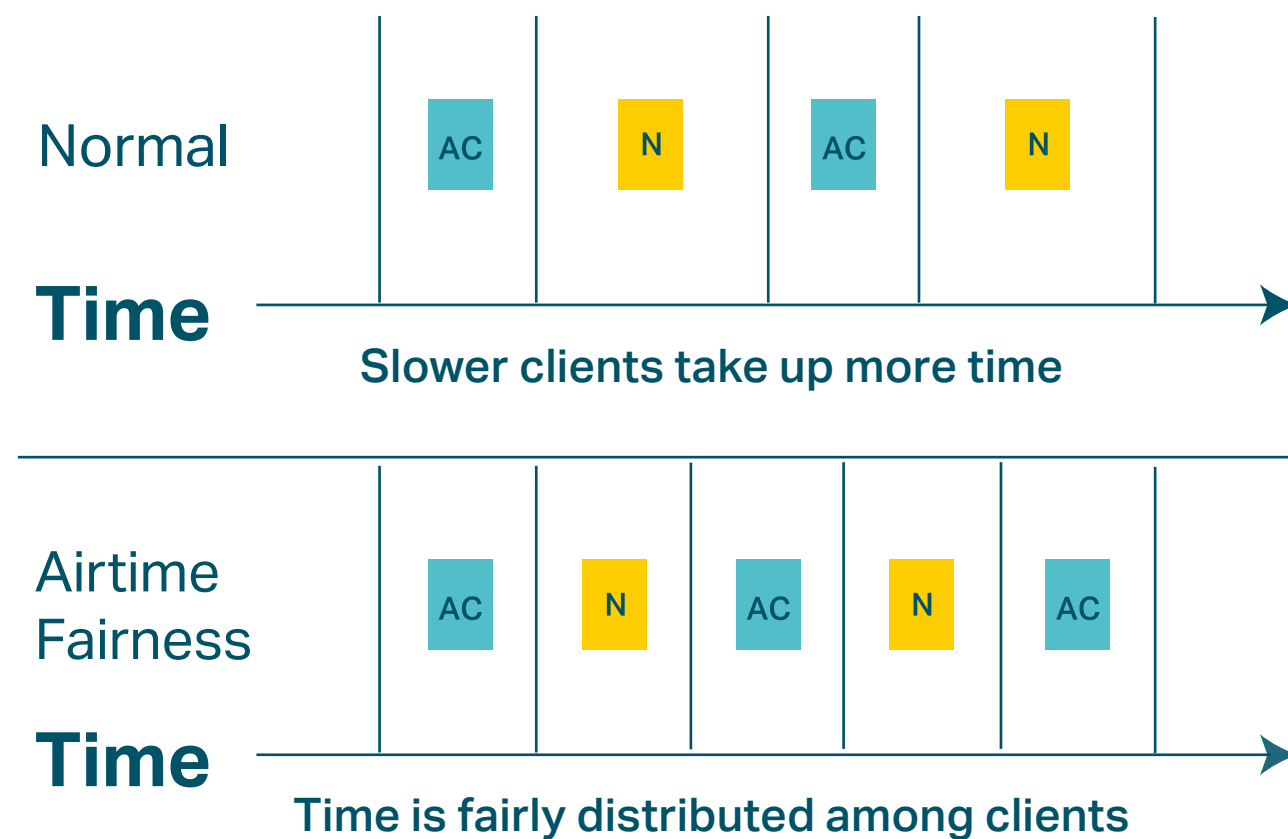


**MU-MIMO  
Router**

# Highlights

## Airtime Fairness

Equally divides network time between new devices, such as your gaming rig and older devices to improve your overall Wi-Fi performance and reliability.



## Easy Setup and Use

Installation is simple, thanks to an intuitive web interface and the powerful TP-Link app, Tether. Tether lets you manage your network settings with your smartphone.

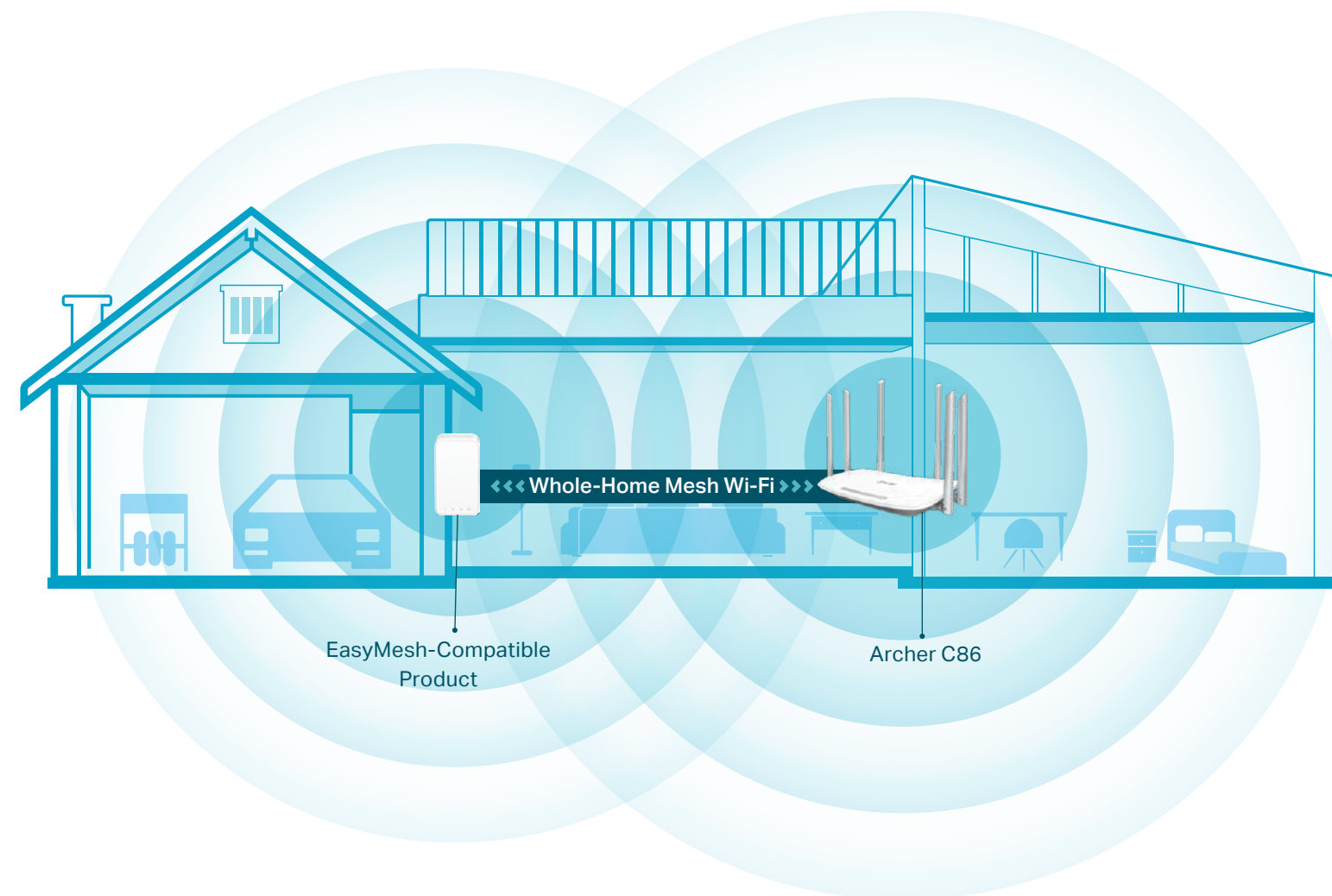


Scan the QR code to download TP-Link Tether.

# Highlights

## Convenient Mesh Networking<sup>Δ\*</sup>

Mesh networking creates smooth, fast, stable roaming. Archer C86 can build an EasyMesh network with routers that use EasyMesh technology. It also works with other TP-Link OneMesh products to create a TP-Link OneMesh network. Eliminate Wi-Fi dead zones, expand your network, and fill your entire home with high-speed Wi-Fi.



### \*OneMesh™ Supported:

Without replacing your existing devices or buying a whole new WiFi ecosystem, OneMesh™ helps you create a more flexible network that covers your entire home with TP-Link OneMesh™ products.

Learn More: <https://www.tp-link.com/onemesh/>

All OneMesh Products: <https://www.tp-link.com/onemesh/product-list/>

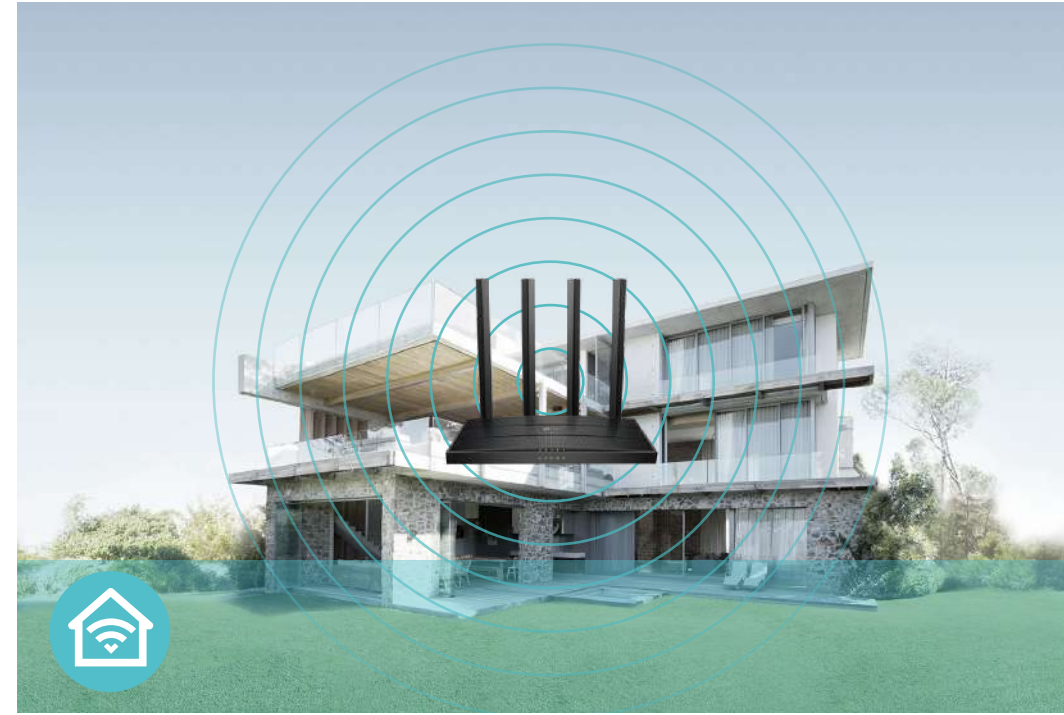


# Features



## Speed

- **802.11ac Technology** – Powered by 802.11ac Wi-Fi technology, Archer C86 creates a reliable, blazing-fast network
- **Ultimate Wireless Speed** – 1300 Mbps on 5 GHz + 600 Mbps on 2.4 GHz
- **Gigabit Internet Access** – Take full advantages of broadband speeds up to 1 Gbps



## Wi-Fi Range

- **Ultimate Range Wi-Fi** – Six external antennas deliver a Wi-Fi signal to every corner of your home, making all of your connections more efficient and stable
- **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections



## Reliability

- **Airtime Fairness** – Balances airtime usage of connected devices to improve overall throughput and efficiency
- **Smart Connect** – Intelligently switches each device's connection to the optimum available Wi-Fi band



# Features



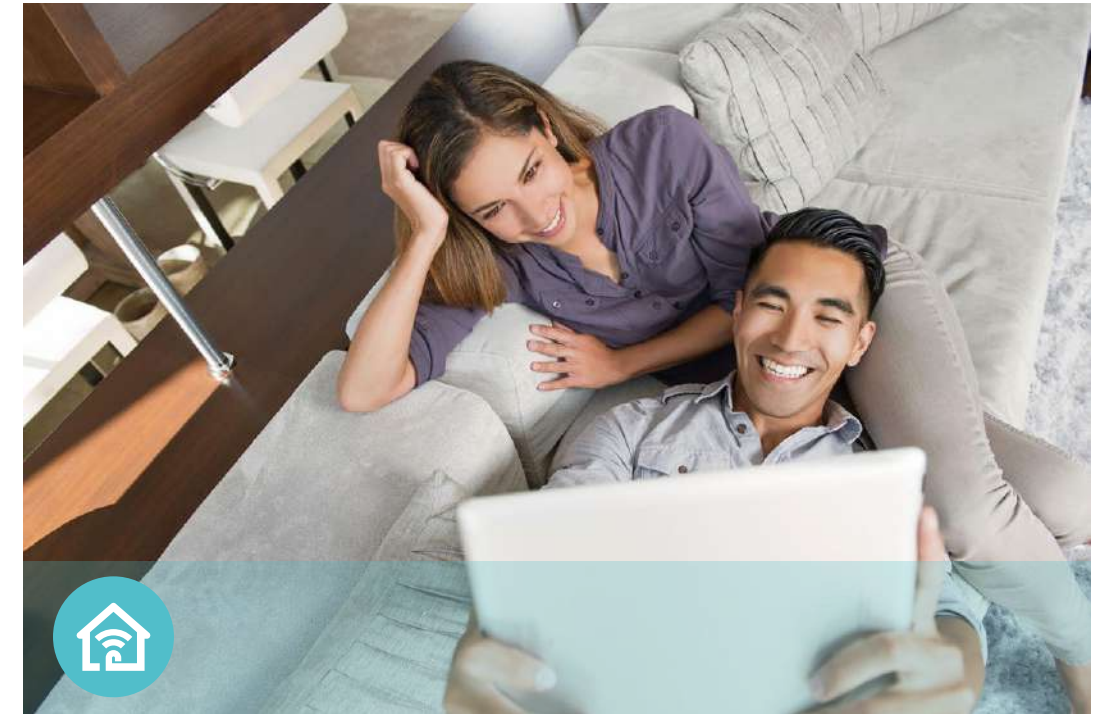
## Easy Management

- Intuitive Web UI – Ensures quick and simple Installation without hassle
- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android and iOS device
- TP-Link ID – Binds the router to your TP-Link ID and other family member's accounts to manage the router



## Security

- Encryptions for Secure Network – Protects your home network with firewalls and WPA3 wireless encryption<sup>§</sup>
- Guest Network – Keeps your main network secure by creating a separate network for friends and visitors
- Parental Controls – Restricts internet access time and contents for children devices



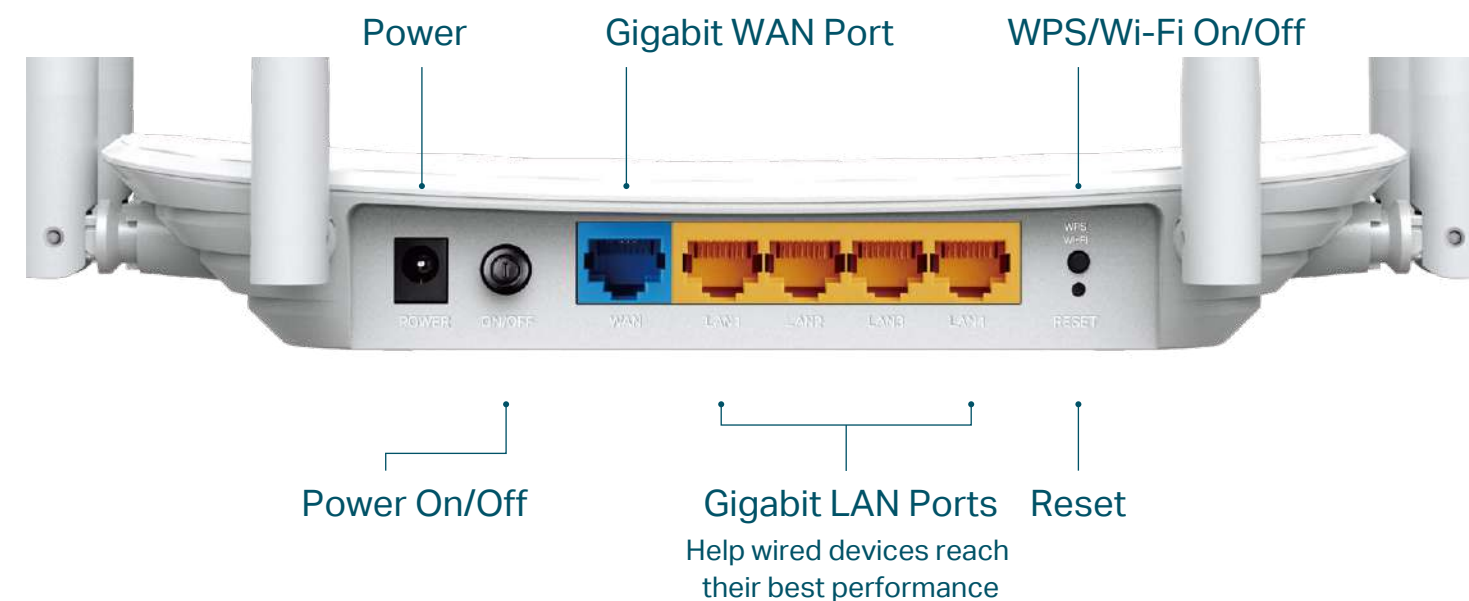
## Ease of Use

- Wi-Fi Sharing – Easily shares your Wi-Fi access with a QR code
- Wi-Fi Schedule – The wireless network can be automatically off within a specified period when you do not need the wireless connection
- LED Control – Automatically turns your router's LEDs off within a specified period

# Specifications

## Hardware

- Ethernet Ports: 1× 10/100/1000 Mbps WAN Port, 4×10/100/1000 Mbps LAN Ports
- Buttons: WPS/Wi-Fi On/Off Button, Power On/Off Button, Reset Button
- Antennas: 6 External Omni Directional Antennas
- External Power Supply: US version 12V/1.5A  
EU version 12V/1A
- Dimensions: 9.1 × 5.7 × 1.5 in (229.9 × 144.2 × 37.2 mm)



## Wireless

- Standards: IEEE 802.11 ac/n/a 5 GHz, IEEE 802.11 n/b/g 2.4 GHz
- Wireless: 1300 Mbps on 5 GHz + 600 Mbps on 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Transmit Power:  
CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.25 GHz)  
FCC:<30dBm(2.4 GHz & 5 GHz)
- Reception Sensitivity:  
5 GHz:  
11a 6Mbps:-94dBm, 11a 54Mbps:-77dBm  
11ac VHT20 MCS8:-72dBm  
11ac VHT40 MCS9:-66dBm  
11ac VHT80 MCS9:-63dBm  
2.4 GHz:  
11g 6Mbps:-94dBm, 11g 54Mbps:-77dBm  
11n HT20 MCS7:-75dBm  
11n HT40 MCS7:-72dBm
- Wireless Function: Enable/Disable Wireless Radio, WMM
- Wireless Security: WPA, WPA2, WPA3 encryptions



# Specifications

## Software

- Quality of Service: Device Prioritization
- WAN Type: Dynamic IP/Static IP/PPPoE(Dual Access)/PPTP(Dual Access)/L2TP(Dual Access)
- Management: Access Control, Local Management, Remote Management
- DHCP: Server, DHCP Client List, Address Reservation
- Port Forwarding: Port Forwarding, Port Triggering, UPnP, DMZ
- Dynamic DNS: DynDns, NO-IP, TP-Link
- Access Control: Local Management Control, White List, Black List
- Parental Controls: URL Filtering, Time Controls
- Firewall Security: IP and MAC Address Binding
- Protocols: IPv4, IPv6
- Guest Network: 2.4 GHz Guest Network, 5 GHz Guest Network

## 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°C~40°C (32°F ~104°F)  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing
- Package Contents  
Wireless Router Archer C86  
Power Adapter  
RJ45 Ethernet Cable  
Quick Installation Guide



For more information, please visit

[https://www.tp-link.com/products/details/?model=Archer+C86\\_V1](https://www.tp-link.com/products/details/?model=Archer+C86_V1)

or scan the QR code left

†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.

§Use of WPA3 requires clients to also support the corresponding feature.

△ TP-Link EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors.

\*The EasyMesh-Compatible function is still being developed on some models and will be supported in subsequent software updates.

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