tp-link

AC1900 Wi-Fi Router

Dual Band | MU-MIMO

Archer C80

1300 Mbps 5 GHz +
600 Mbps 2.4 GHz†

4 Antennas for
Superior Coverage†

Faster Wi-Fi
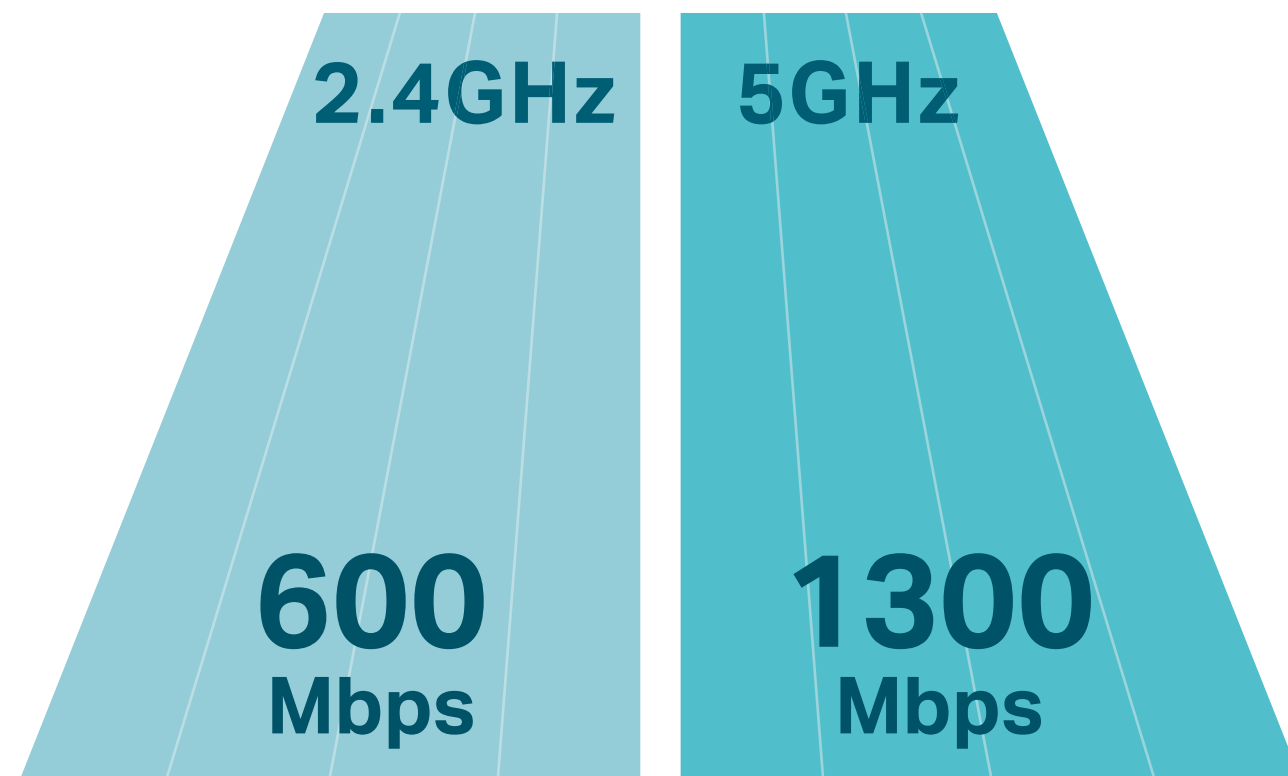with MU-MIMO

Smart Connect
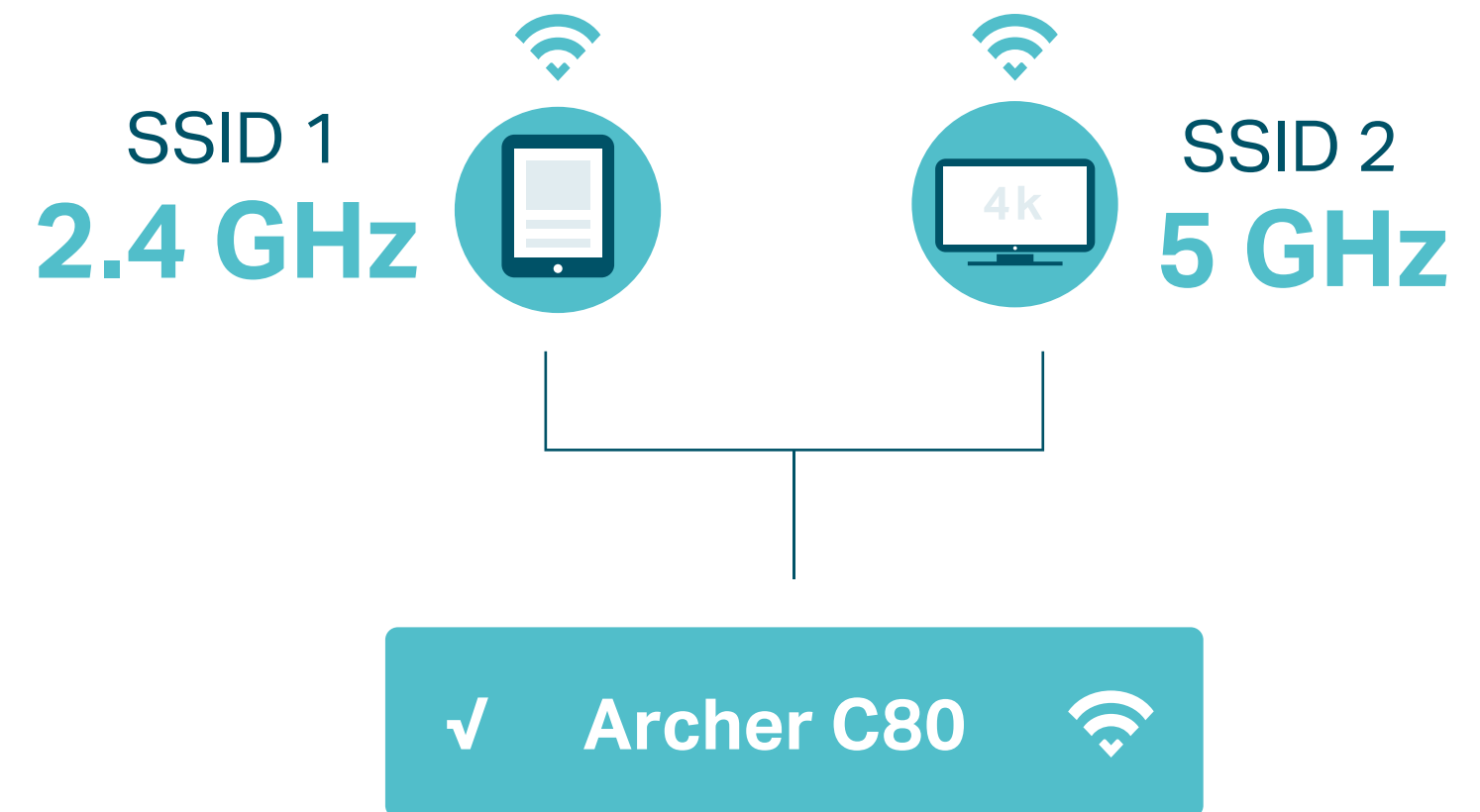
Full Gigabit
Ports

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. [†]

2.4GHz

5GHz

600
Mbps

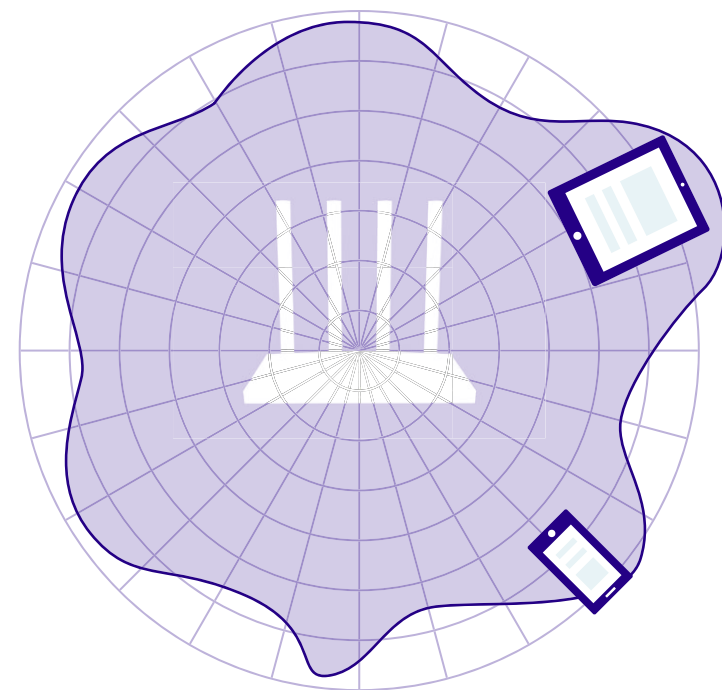**1300**
Mbps

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.
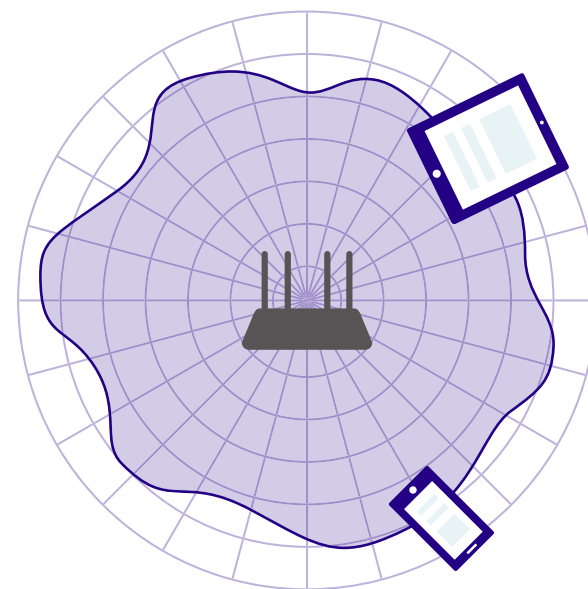
SSID 1
2.4 GHz

4k

SSID 2
5 GHz

√ **Archer C80**

Highlights

Vast Wi-Fi Coverage

Four external omni-directional antennas create strong, clear, dependable Wi-Fi throughout your home. Beamforming detects the location of your connected devices and concentrates the Archer C80's signal towards them to optimize wireless connections.[†]
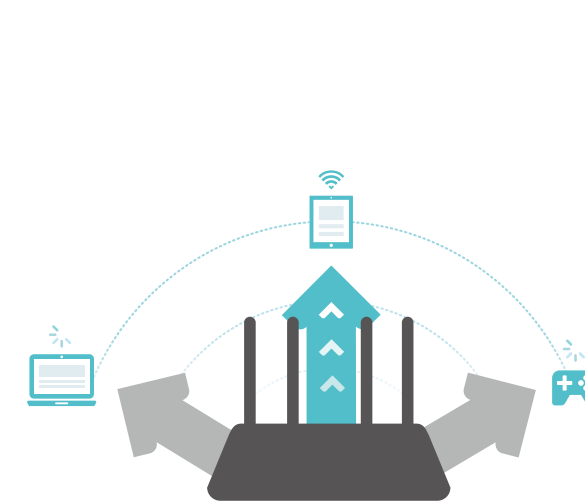
MU-MIMO

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

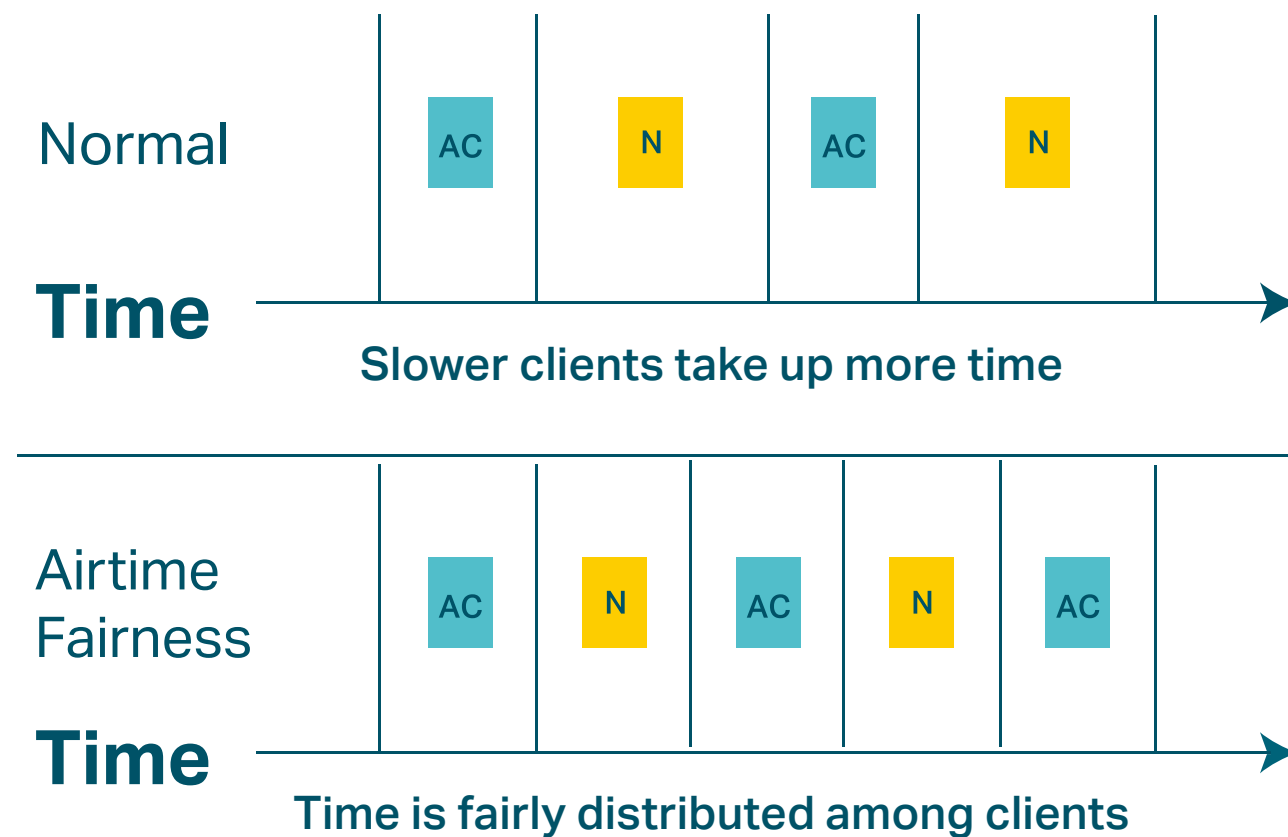Archer C80

Regular Router

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.

Normal

Time

Slower clients take up more time

Airtime Fairness

Time

Time is fairly distributed among clients

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.
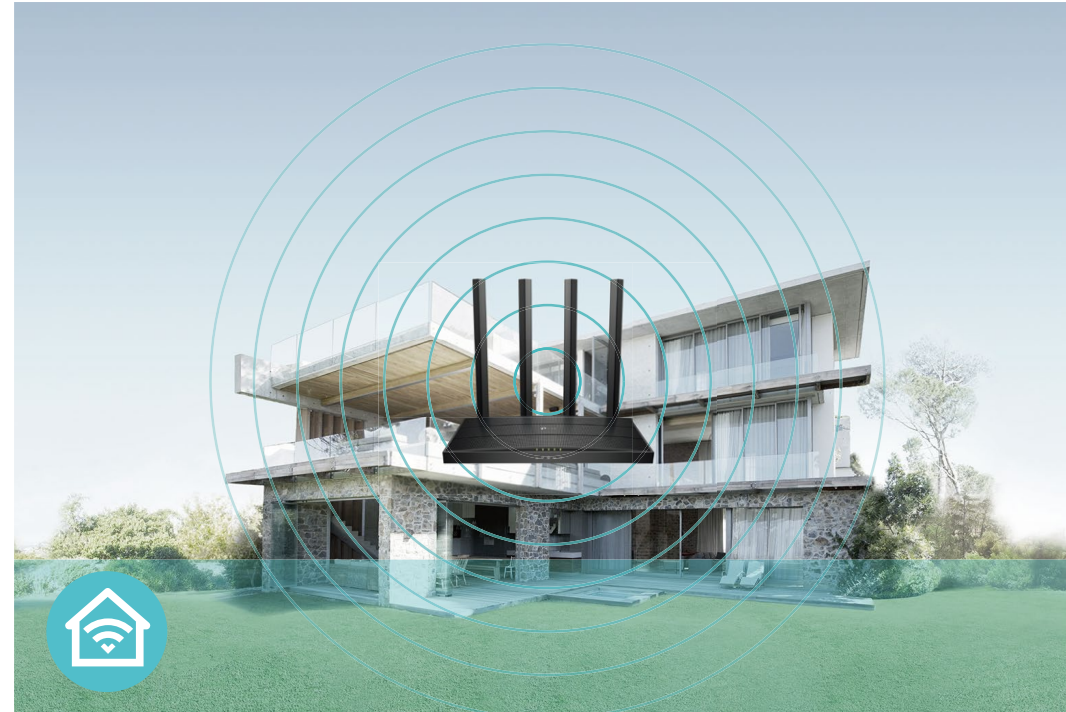

Scan the QR code to download TP-Link Tether.

Features

Speed

· **802.11ac Technology** – Powered by 802.11ac Wi-Fi technology, Archer C80 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
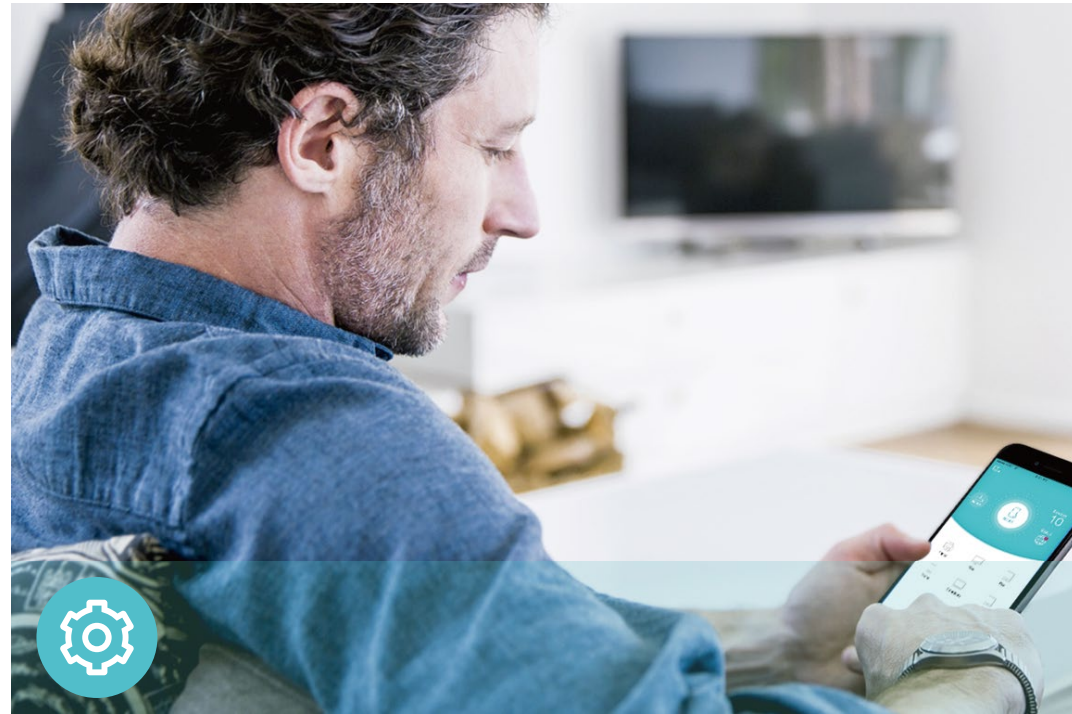
Wi-Fi Range

· **Ultimate Range Wi-Fi** – Four 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

· **Vxworks System** – Utilizes the real-time Vxworks system, which has pre-assigned RAM strategy to provide more stable and high-responsive experience.
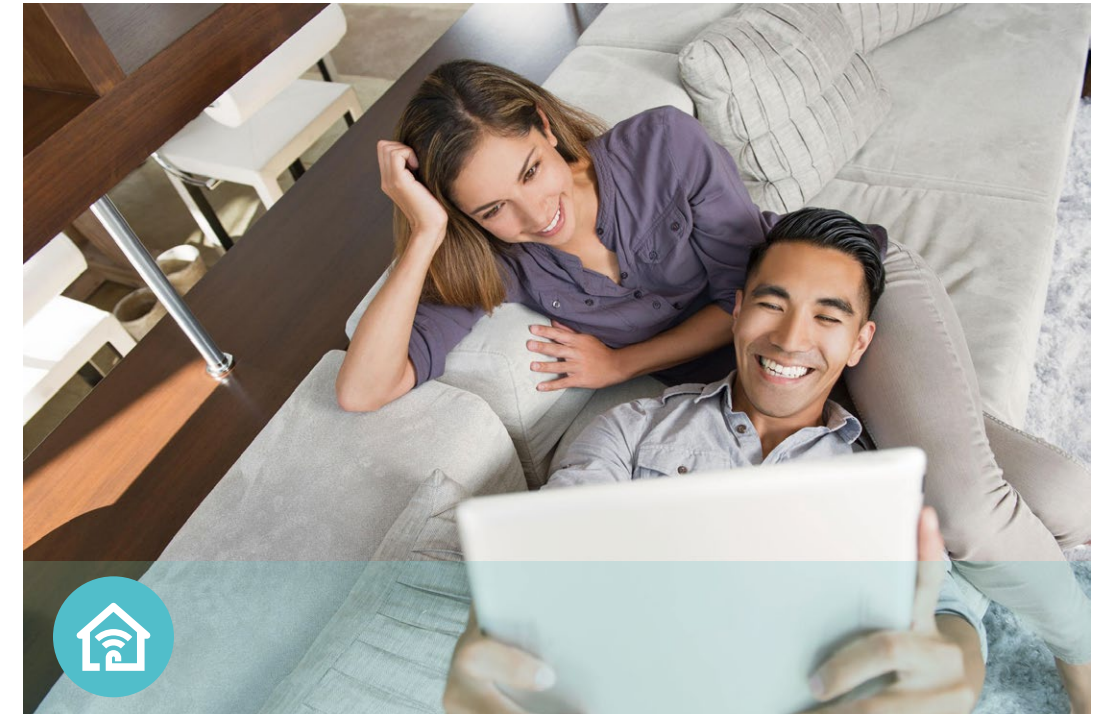
Features

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 – WPA-PSK and WPA2-PSK encryptions provide active protection against security threats

- 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
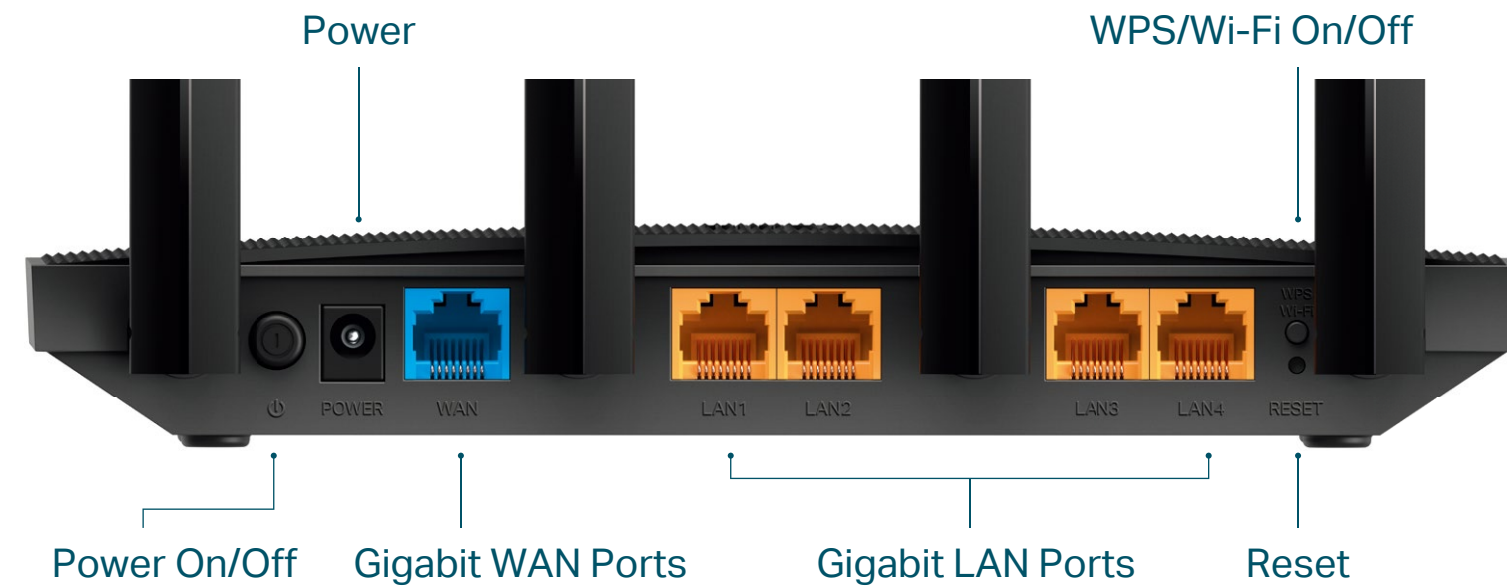
Ease of Use

- 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 Port

· **Buttons:** WPS/Wi-Fi Button, Power On/Off Button, Reset Button

· **Antennas:** 4 Fixed Omni Directional Antennas

· **External Power Supply:** US version 12V/1.5A
    EU version 12V/1A

· **Dimensions (W x D x H):** 8.5 × 4.6 × 1.26 in (215 × 117 × 32mm)

Power   WPS/Wi-Fi On/Off

Power On/Off   Gigabit WAN Ports   Gigabit LAN Ports   Reset

Wireless

· **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:-98dBm, 11a 54Mbps:-78dBm
  11ac VHT20_MCS0:-98dBm, 11ac VHT20_MCS8:-72dBm
  11ac VHT40_MCS0:-92dBm, 11ac VHT40_MCS9:-68dBm
  11ac VHT80_MCS0:-89dBm, 11ac VHT80_MCS9:-64dBm
  2.4 GHz:
  11g 6Mbps:-97dBm, 11a 54Mbps:-77dBm
  11n VHT20_MCS0:-97dBm, 11n VHT20_MCS8:-72dBm
  11n VHT40_MCS0:-92dBm, 11n VHT40_MCS9:-67dBm

· **Wireless Function:** Enable/Disable Wireless Radio, WMM

· **Wireless Security:** 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK 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:** Parental Controls, Local Management Control, White List, Black List

· **Firewall Security:** SPI Firewall, 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)

Storage Temperature: -40°C~70°C (-40°F ~158°F)

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

· **Package Contents**

Wireless Router Archer C80

Power Adapter

RJ45 Ethernet Cable

Quick Installation Guide

For more information, please visit

https://www.tp-link.com/products/details/?model=Archer+C80_V1

or scan the QR code left