tp-link

AC1900 Wi-Fi Router

Dual Band | MU-MIMO

Archer A8

1300 Mbps 5 GHz + 600 Mbps 2.4 GHz†

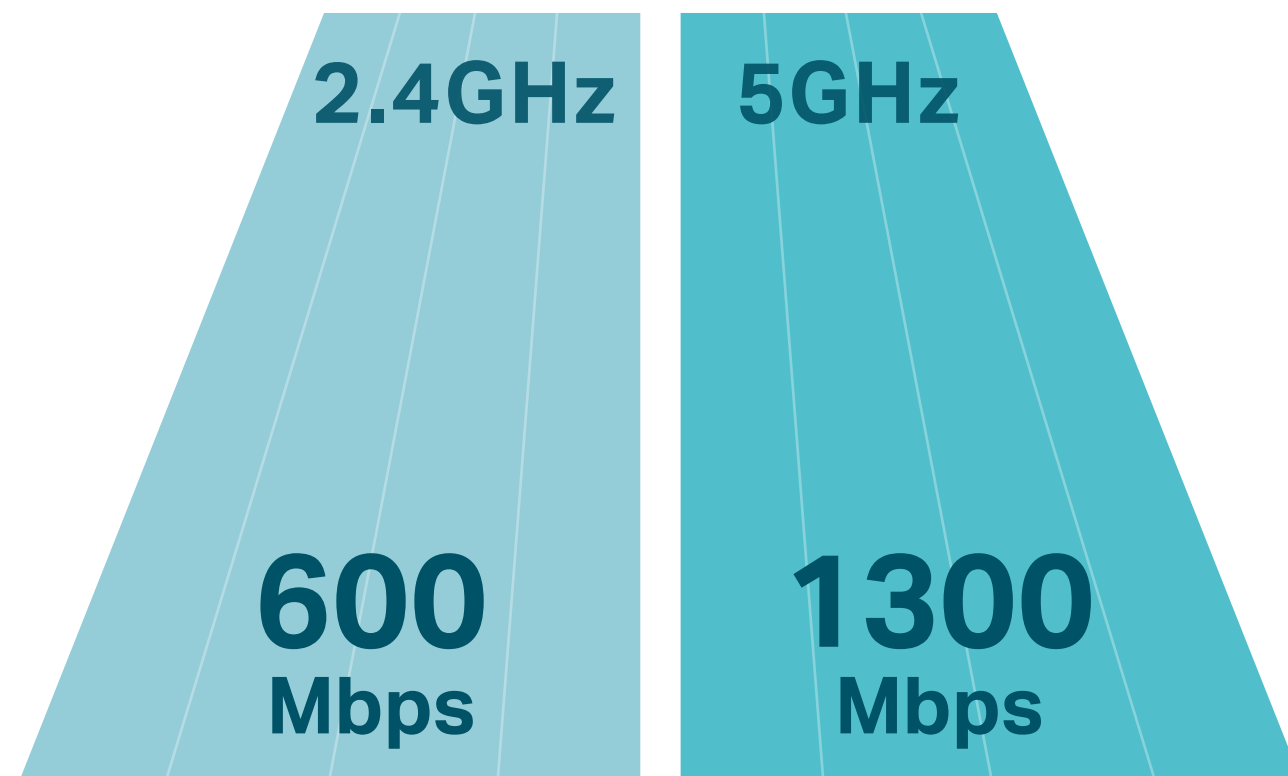3 Antennas for Superior Coverage†

Parental Controls

Easy Setup via Tether App
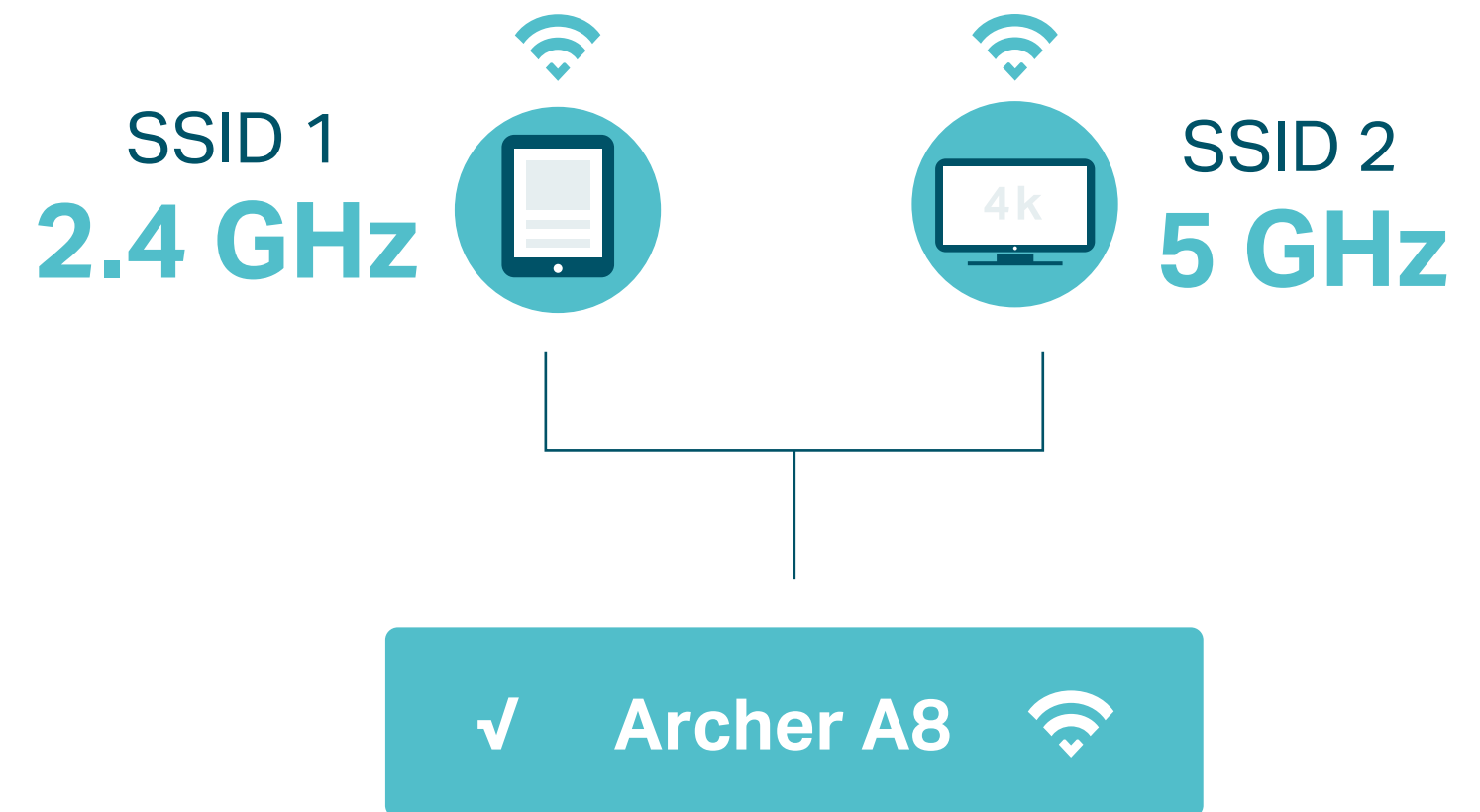
Full Gigabit Ports

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. [†]

2.4GHz

600 Mbps
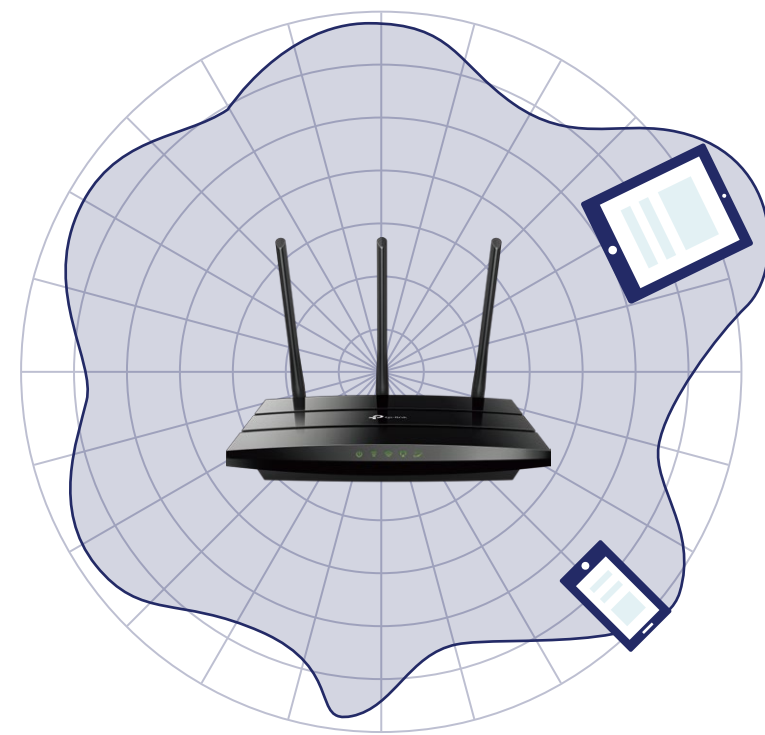
5GHz

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

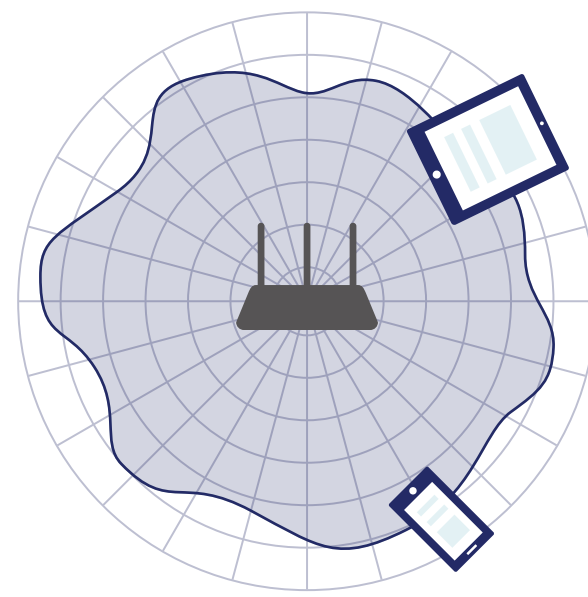4k

SSID 2
5 GHz

√ **Archer A8**

Highlights

Vast Wi-Fi Coverage

Three 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 A8's signal towards them to optimize wireless connections.[†]
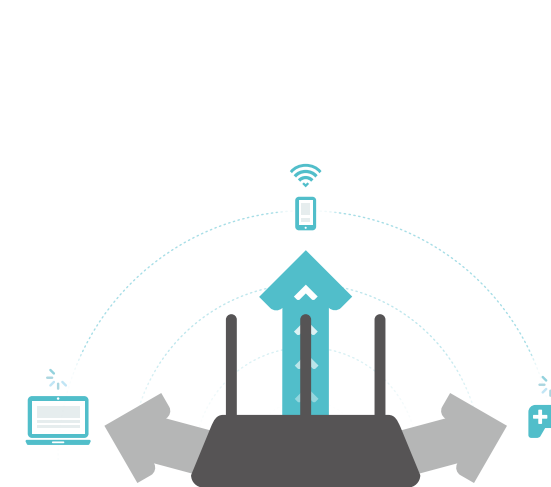

Archer A8

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.[‡]
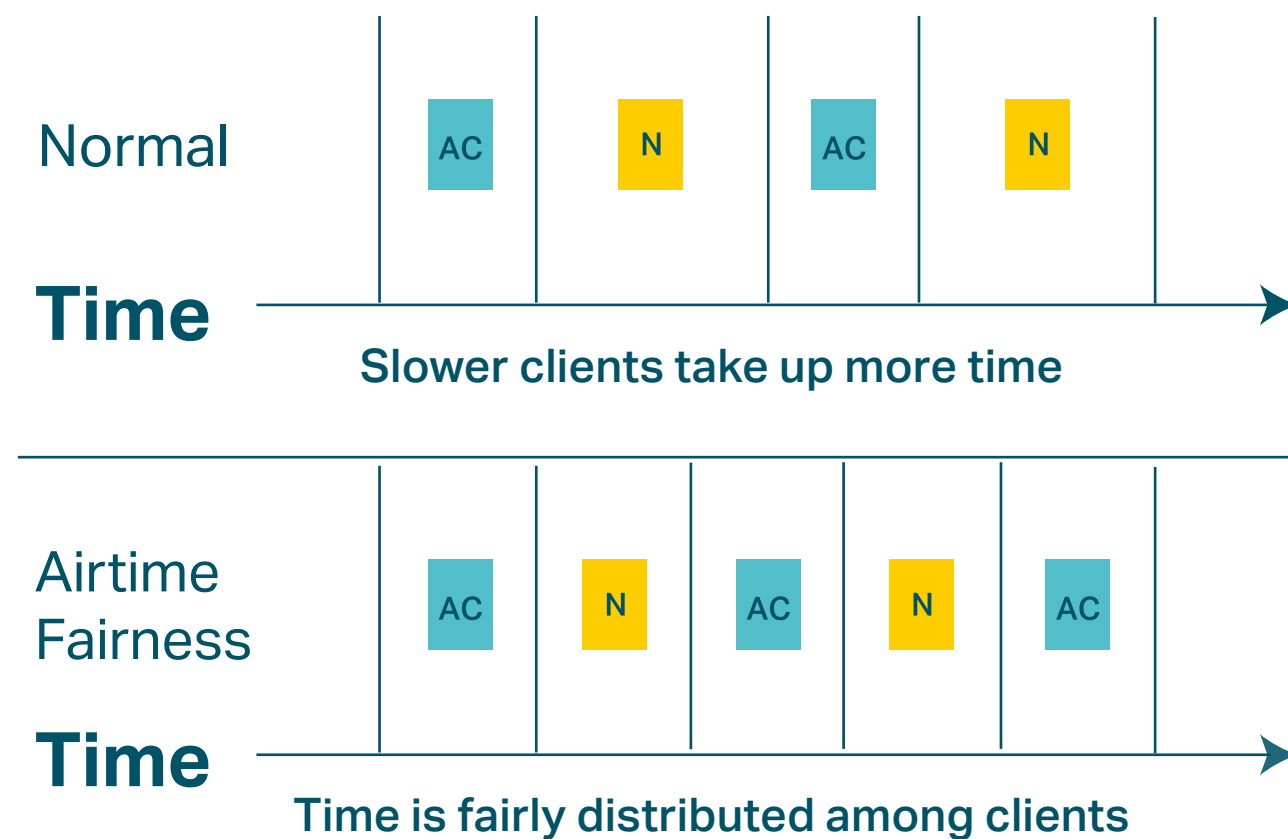

Traditional Router

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.

Normal

AC   N   AC   N

Time

Slower clients take up more time

Airtime Fairness

AC   N   AC   N   AC

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.
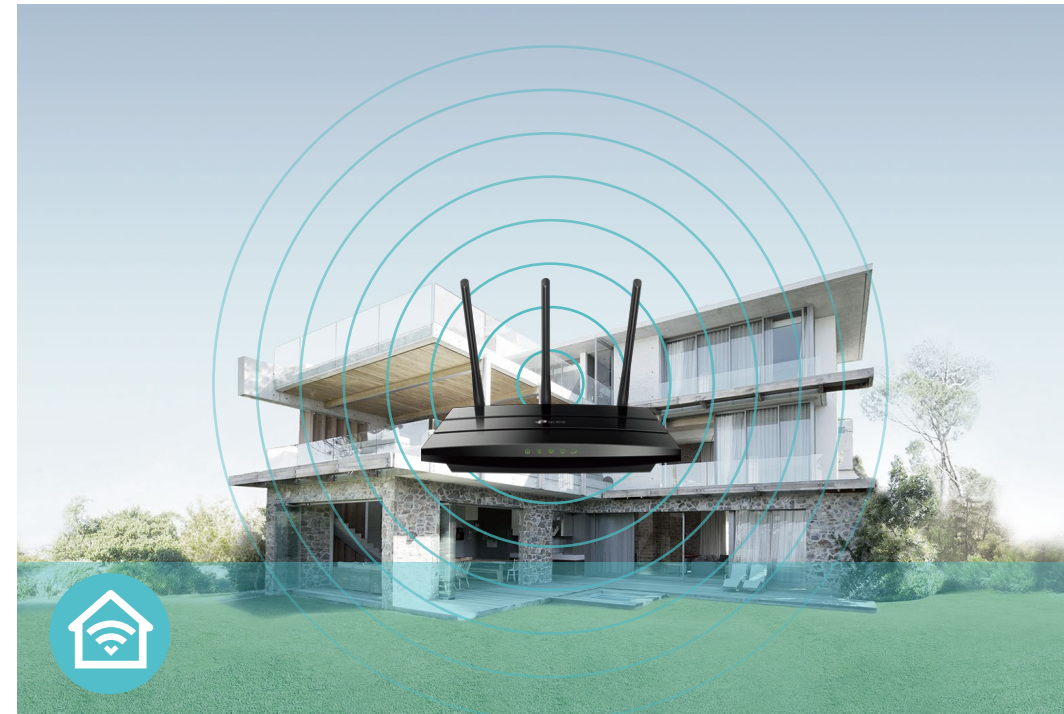
Download on the **App Store**

GET IT ON **Google Play**

Scan the QR code to download TP-Link Tether.

Features

Speed

· 802.11ac Technology – Powered by 802.11ac Wi-Fi technology, Archer A8 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 – Three 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
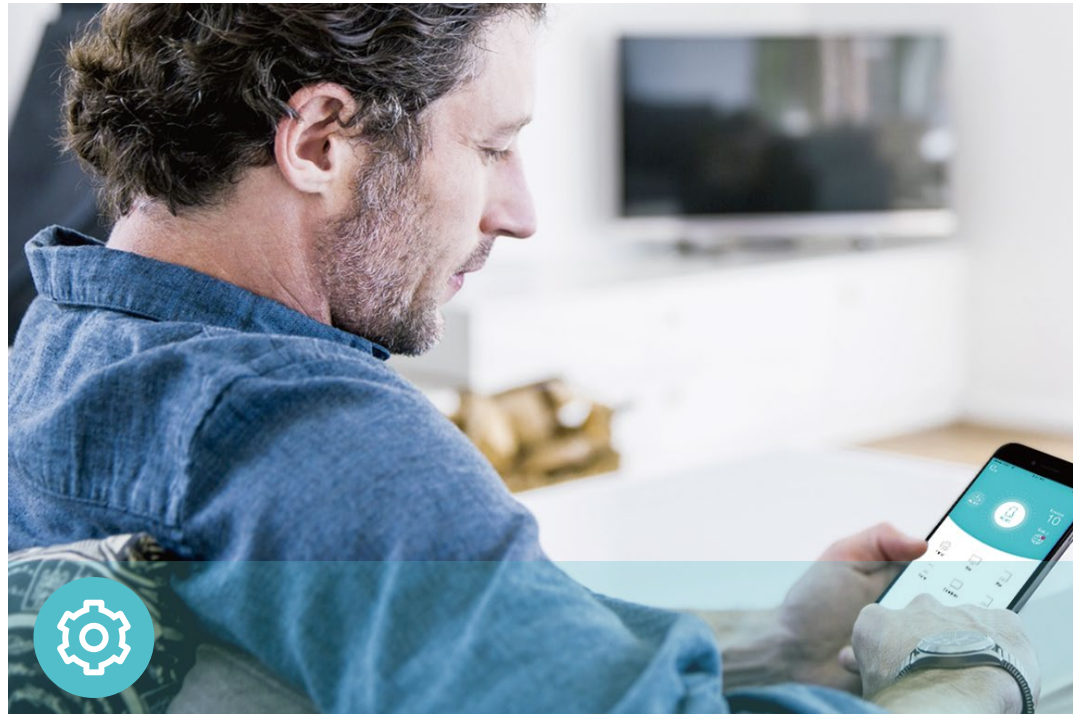
Reliability

· Airtime Fairness – Balances airtime usage of connected devices to improve overall throughput and efficiency

· Smart Connect – Intelligently assigns each device to the ideal 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 – 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 – Manage when and how connected devices can access the internet
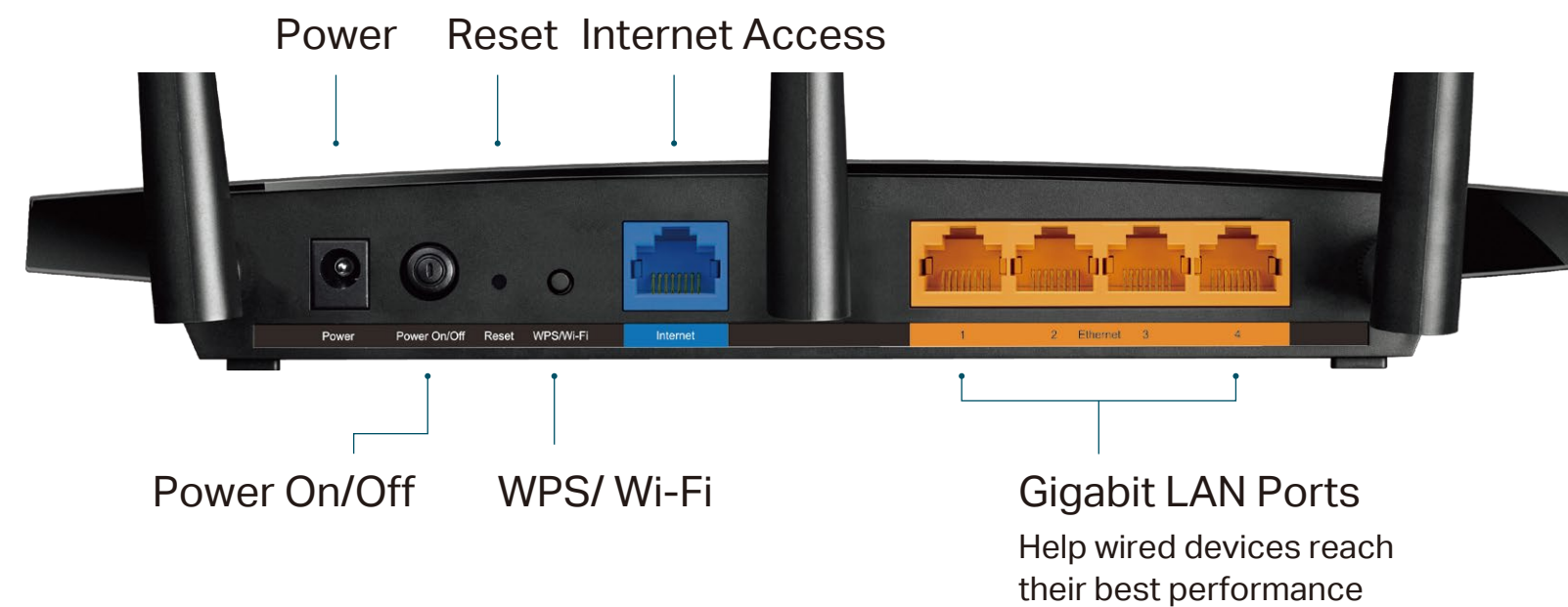
Ease of Use

· 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 Button, Power On/Off Button, Reset Button

- Antennas: 3 Fixed Omni Directional Antennas

- External Power Supply: US version 12V/1.5A

  EU version 12V/1A

- Dimensions (W x D x H): 9.6 × 6.4 × 1.3 in (243 × 160.6 × 32.5 mm)

Power   Reset   Internet Access

Power On/Off   WPS/ Wi-Fi   Gigabit LAN Ports
Help wired devices reach
their best performance

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 A8

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

For more information, please visit

https://www.tp-link.com/products/details/?model=Archer+A8_V1

or scan the QR code left