




# AX1500 Next-Gen Wi-Fi 6 Router

Next-Gen Wi-Fi For All




Archer AX1500

 Faster AX Wi-Fi  
Speeds up to 1.5 Gbps<sup>†</sup>

 Maximized Coverage with  
Beamforming<sup>†</sup>

 Connect More Devices  
with OFDMA<sup>‡</sup>

 Works with All Inter-  
net Providers<sup>\*\*</sup>

# Highlights

## Wi-Fi 6 | 802.11 AX<sup>E</sup> Future-Proof Your Wi-Fi

### Improved Efficiency, More Connections

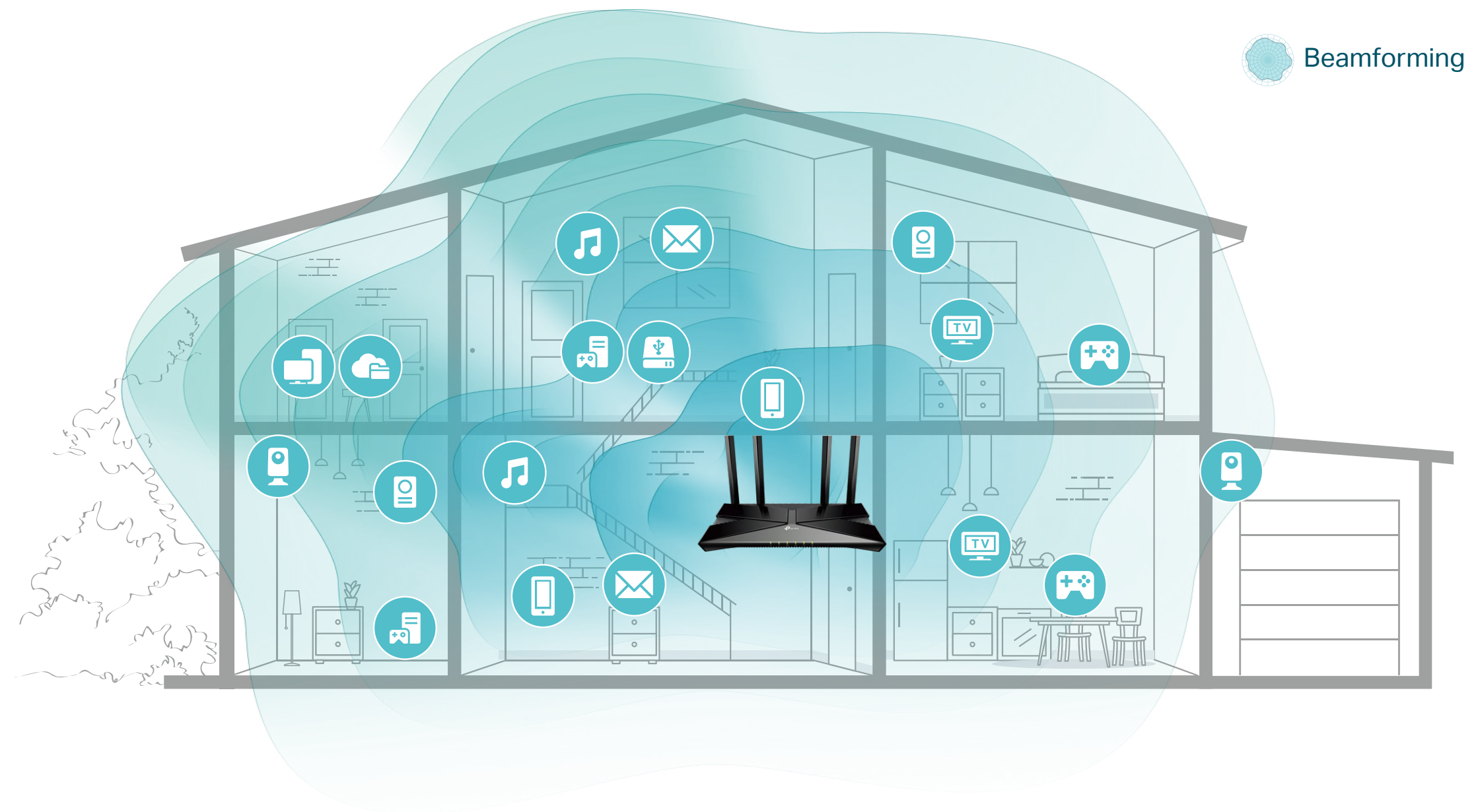
Add more Wi-Fi devices to your network without dragging the performance, as Archer AX1500 with Wi-Fi 6 builds a more efficient network that increases the average throughput by 4 times and serves more devices.<sup>§</sup>

### Immersive Gaming, Smooth Streaming

Enjoy stable network for online gaming and live streams with flawless video and clear audio. OFDMA allows clients to transmit both on uplink and downlink using one band at one time, which cut the latency and ensures a responsive network.<sup>‡</sup>

### Broader Coverage, Larger Capacity

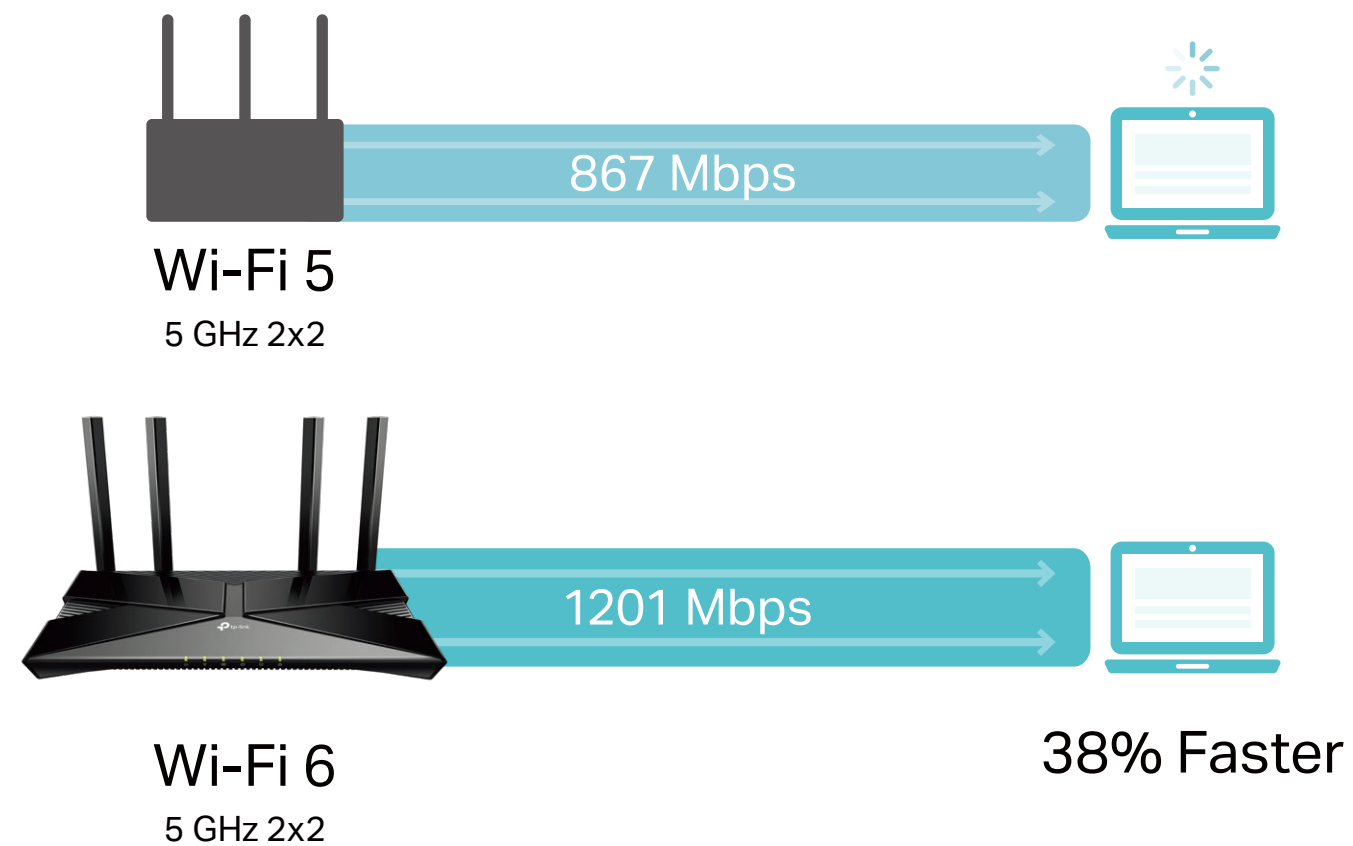
With clearer and stronger signal generated with Wi-Fi 6 and Beamforming technology, Archer AX1500 delivers data to devices far away by focusing less-interfered wireless signal towards them.



# Highlights

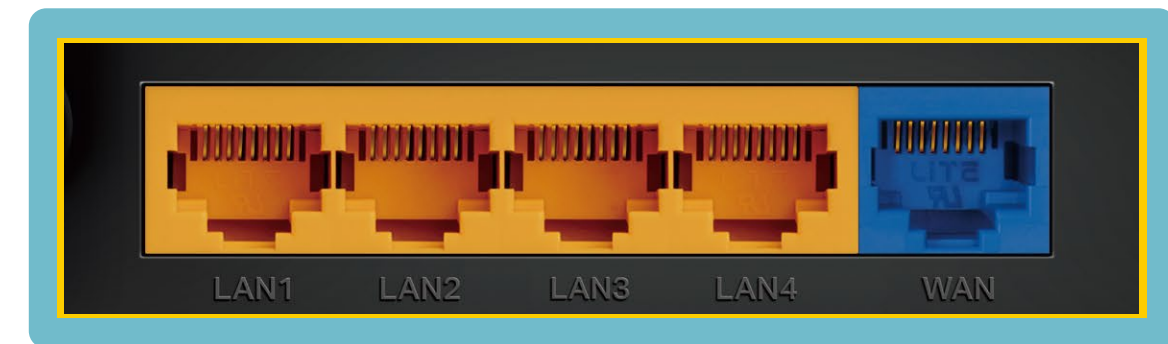
## Faster Wireless Connection

4-Streams Wi-Fi offers connection at over 1 Gbps speed for newer mobile devices, reducing wait time by 30% while downloading huge files including 4K movies and games.\*



## Gigabit Internet Access

Take full advantage of your broadband with speed up to 1 Gbps with a Gigabit WAN port. Plug your PCs, smart TVs and game consoles into one of the four Gigabit LAN ports for fast and reliable wired connections.<sup>^</sup>



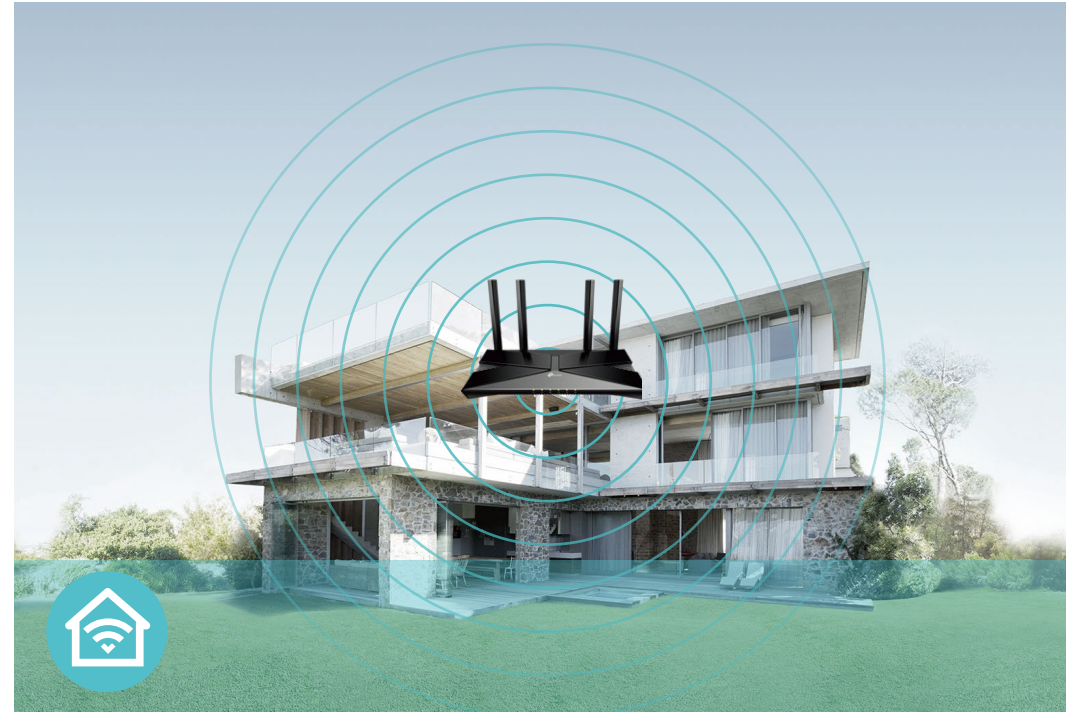
Gigabit Ports

# Features



## Speed

- **AX Tech** – 802.11ax (also known as Wi-Fi 6) features advanced technologies including OFDMA and 1024QAM, drastically increasing the speed and efficiency of the entire network<sup>‡</sup>
- **Ultimate Wireless Speed** – 300 Mbps on 2.4 GHz (802.11n) + 1201 Mbps on 5 GHz (802.11ax)
- **1.5 GHz triple-core CPU** – Handles data throughput up to multi-gigs and minimizes the latency within your home network
- **Gigabit Internet Access** – Take full advantages of broadband speeds up to 1 Gbps<sup>^</sup>



## Wi-Fi Range

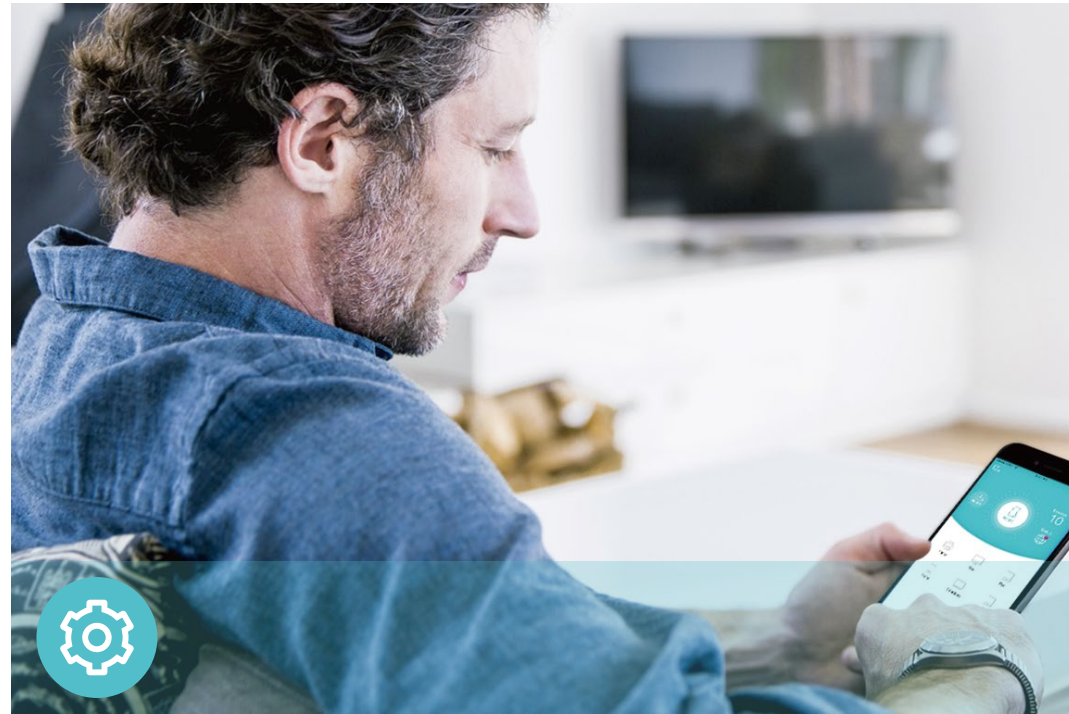
- **Ultimate Range Wi-Fi** – Four external antennas deliver a Wi-Fi signal to every corner of your home, making all of your connections more efficient and stable
- **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections



## Reliability

- **Secure VPN Access** – Connects to a private network with a safe and secure OpenVPN and PPTP VPN connection
- **Airtime Fairness** – Balances bandwidth of connected devices to improve overall throughput and efficiency
- **Smart Connect** – Intelligently switches each device's connection to the optimum available Wi-Fi band
- **Quality of Service** – Prioritizes devices for optimum performance when needed

# Features



## Ease of Use

- Intuitive Web UI – Ensures quick and simple Installation without hassle
- Fast Encryption – One-touch WPA wireless security encryption with the WPS button
- Easy On/Off – Turn on/off wireless function using the Wi-Fi button
- Power On/Off – Conveniently power on or off your router as required
- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android and iOS device



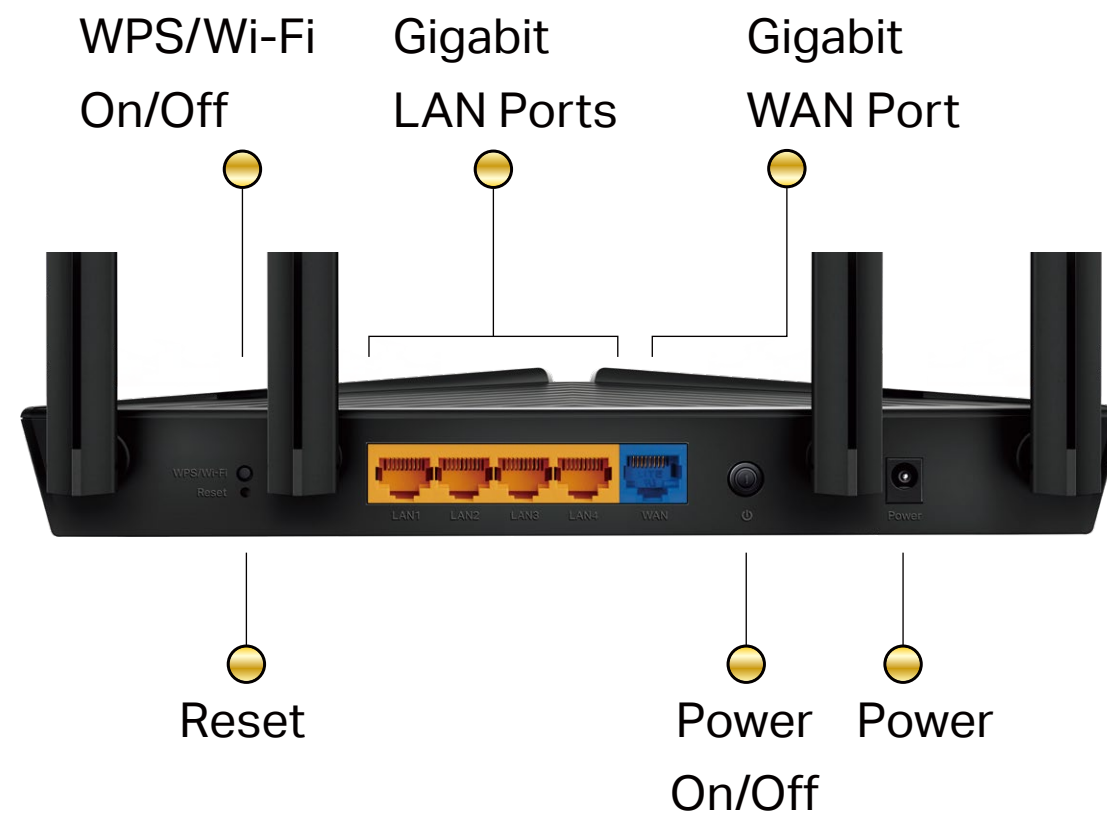
## Security

- Guest Network – Keeps your main network secure by creating a separate network for friends and visitors
- Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet
- Parental Controls – Restrict internet access time and contents for children devices
- WPA3 Security – The latest Wi-Fi security protocol, WPA3, brings new capabilities to improve cybersecurity. More secure encryption in Wi-Fi password safety and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi.†

# Specifications

## Hardware

- Ethernet Ports: One Gigabit WAN Port, four Gigabit LAN Ports
- Buttons: WPS/Wi-Fi Button, Power On/Off Button, Reset Button
- Antennas: Four External Antennas
- Dimensions (W x D x H): 10.2 × 5.3 × 1.6 in (260.2 × 135.0 × 41.6 mm)



## Wireless

- **Wireless**: 1201 Mbps (5 GHz, 11ax) + 300 Mbps (2.4 GHz, 11n), compatible with 11a/b/g/n/ac/ax Wi-Fi standards
- **Frequency**: 2.4 GHz and 5 GHz
- **Transmit Power**:
  - CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.25 GHz)
  - FCC:<30dBm(2.4G & 5.15GHz~5.25GHz & 5.735GHz ~5.835GHz)
- **Reception Sensitivity**:
  - 5GHz**:
    - 11ax HE20 MCS0:-95dBm
    - 11ax HE20 MCS11:-63dBm
  - 2.4 GHz**:
    - 11n HT20 MCS0:-95dBm
    - 11n HT20 MCS7:-76dBm
- **Wireless Function**: Enable/Disable Wireless Radio, WMM
- **Wireless Security**: WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x) encryptions

# Specifications

## Software

- Quality of Service: Device Prioritisation
- WAN Type: Dynamic IP/Static IP/PPPoE/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, Host List, 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



For more information, please visit

<https://www.tp-link.com/products/details/?model=Archer+AX1500>

or scan the QR code left

## Others

- Certification:  
CE, FCC, RoHS
- System Requirements:  
Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10/11, 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 AX1500  
Power Adapter  
RJ45 Ethernet Cable  
Quick Installation Guide

<sup>†</sup>Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, wireless coverage and number of connected devices 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.

<sup>‡</sup>Use of 802.11ax (Wi-Fi 6), and features including WPA3, OFDMA and 1024-QAM requires clients to also support corresponding features.

<sup>§</sup>The 802.11ax white paper defines standardized modifications to both the IEEE 802.11 physical layers (PHY) and the IEEE 802.11 Medium Access Control (MAC) layer as enabling at least one mode of operation capable of supporting improvement of at least four times the average throughput per station (measured at the MAC data service access point) in a dense deployment scenario.

<sup>¶</sup>1,000 Mbps internet speeds require compatible service plans and equipment.

<sup>\*</sup>30% less download time is a result of the 38% improvement in speed from Wi-Fi 5 5 GHz 2×2 to Wi-Fi 6 5 GHz 2×2.

<sup>\*\*</sup>This router may not support all the mandatory features as ratified in Draft 3.0 of IEEE 802.11ax specification.

<sup>\*\*\*</sup>Further software upgrades for feature availability may be required.

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