



AX1300 High-Speed Wi-Fi 6 Router

*Fast, reliable Wi-Fi 6 for
smooth streaming and gaming.*



Archer AX1300

Fast Wi-Fi 6 — up
to 1.3 Gbps

Handles more devices
without lag

Gigabit ports for high-speed
wired connections

Built-in security keeps your
network protected

Quick setup with the
TP-Link Tether App

Highlights

Wi-Fi 6^E Faster. Broader. Unstoppable.



Speeds up to 1300 Mbps

960 Mbps on the 5 GHz band and 300 Mbps on the 2.4 GHz are ideal for both everyday tasks and lag-free online entertainment.[†]



Save Clients' Power

Target Wake Time helps negotiate when and how clients will wake up to send or receive data. Mobile devices consume less power, prolonging battery life.[‡]



Smooth Streaming

OFDMA allows clients to transmit both on uplink and downlink sharing one band at one time, which cuts the latency and jittering.[‡]

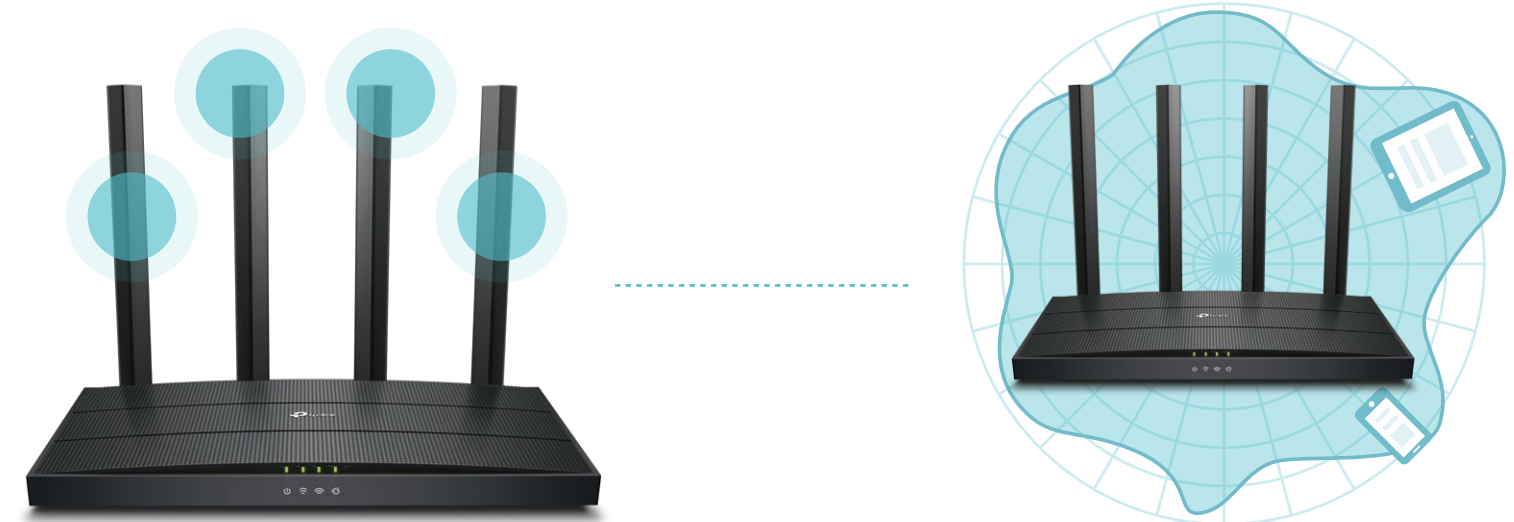


Backwards Compatible

Archer AX1300 benefits existing Wi-Fi devices and is backward compatible with 802.11 a/b/g/n/ac Wi-Fi standards.

Beamforming for Maximum Coverage

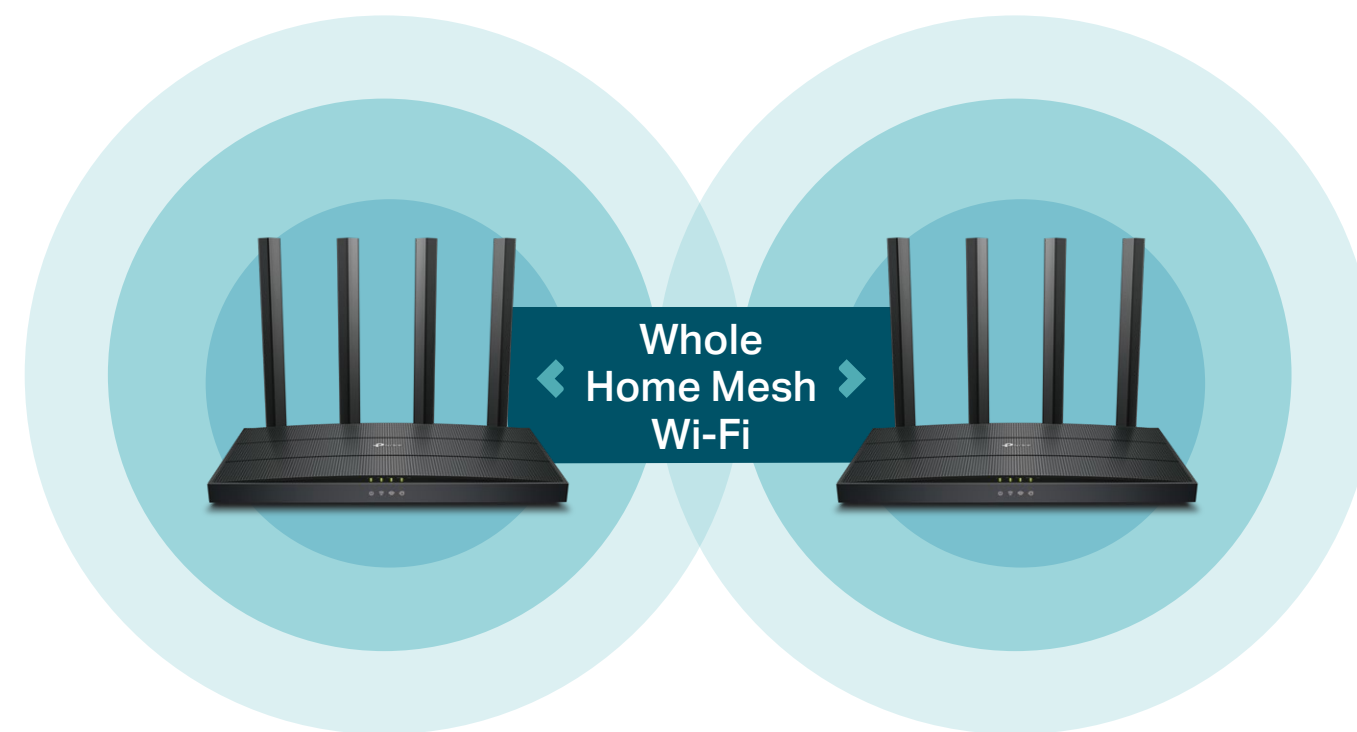
Equipped with four external antennas, Archer AX1300 creates stronger and more reliable networks for all to enjoy in your home. Beamforming technology concentrates the Wi-Fi signal towards your connected devices, providing better Wi-Fi range and network performance.



Highlights

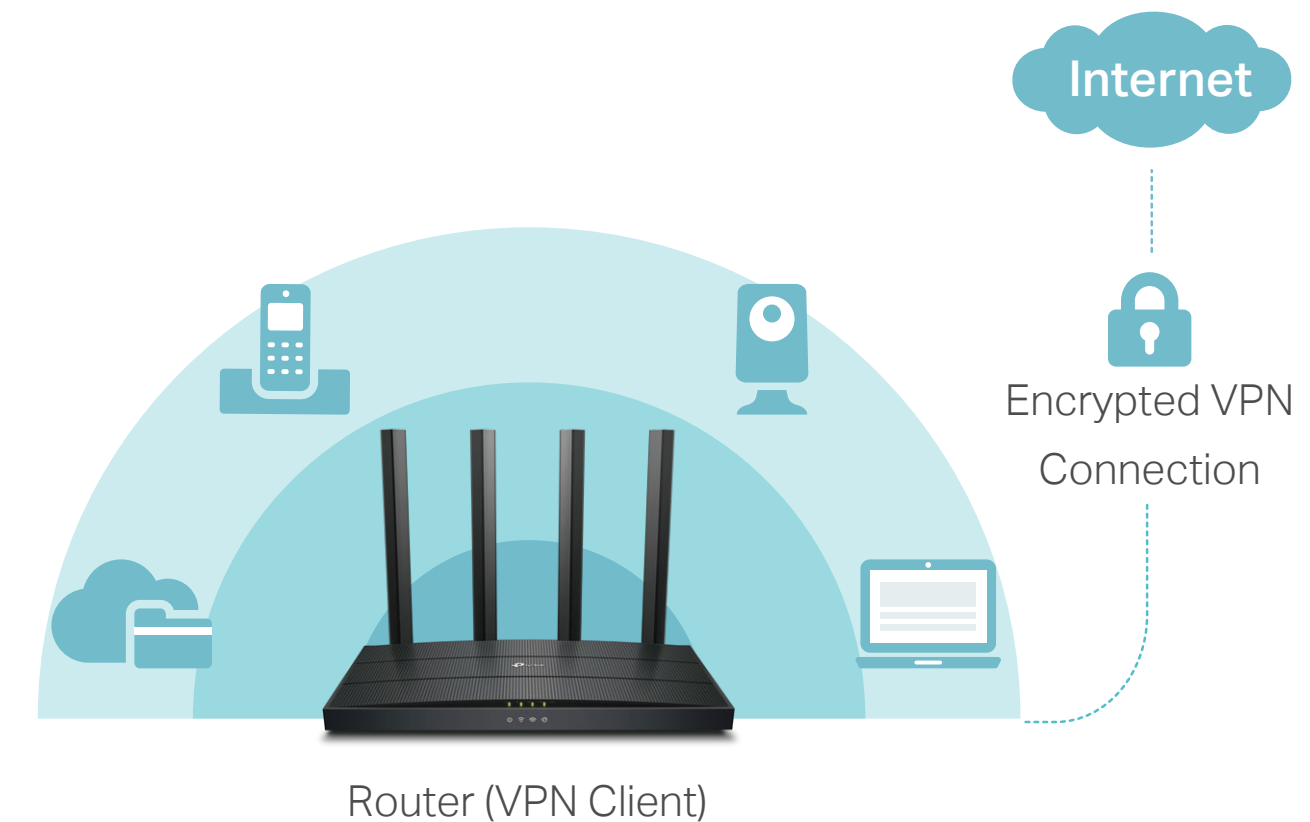
Flexible Whole-Home Wi-Fi

Four high-performance antennas and Beamforming deliver broad coverage. Furthermore, Archer AX1300 is compatible with EasyMesh to form seamless whole home mesh Wi-Fi.



VPN Client Support

Archer AX1300 allows specified devices on your home network to access remote VPN servers without needing to install VPN software on every device.



Highlights

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.†



Easy Network Management

The TP-Link Tether app provides a simple and intuitive way to set up, manage, and monitor your network at home or on the go.

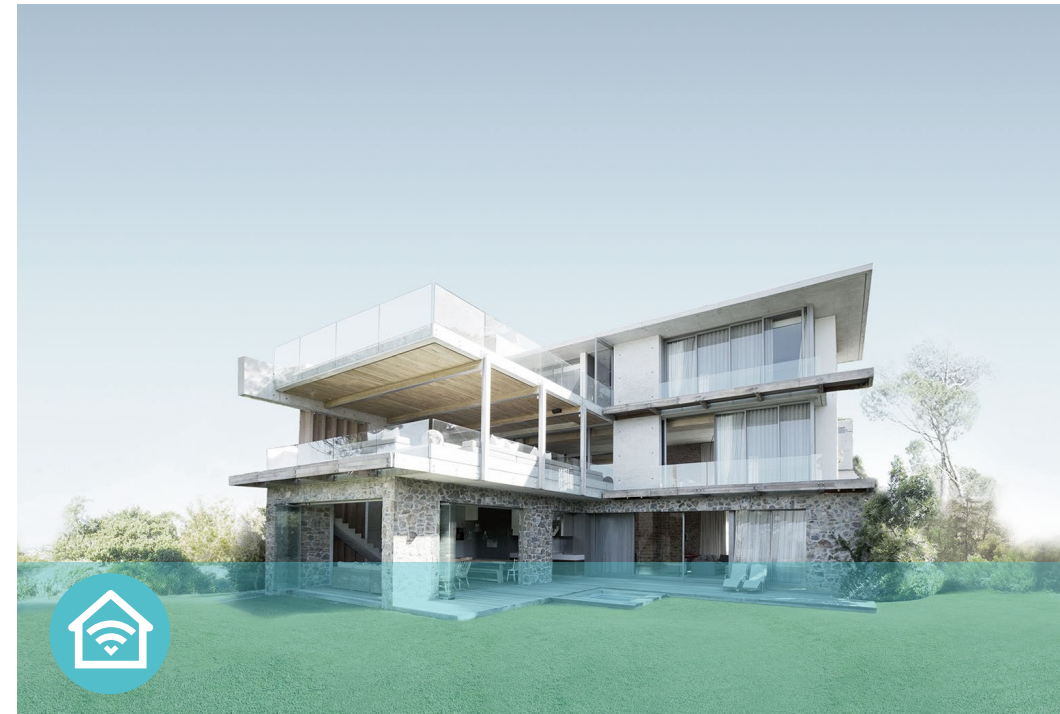


Features



Speed

- **AX Tech** – 802.11ax (also known as Wi-Fi 6) features advanced technologies including OFDMA, drastically increasing the speed and efficiency of the entire network
- **Ultimate Wireless Speed** – 300 Mbps on 2.4 GHz (802.11n) + 960 Mbps on 5 GHz (802.11ax)
- **Gigabit Internet Access** – Take full advantages of broadband speeds up to 1 Gbps[^]



Wi-Fi Range

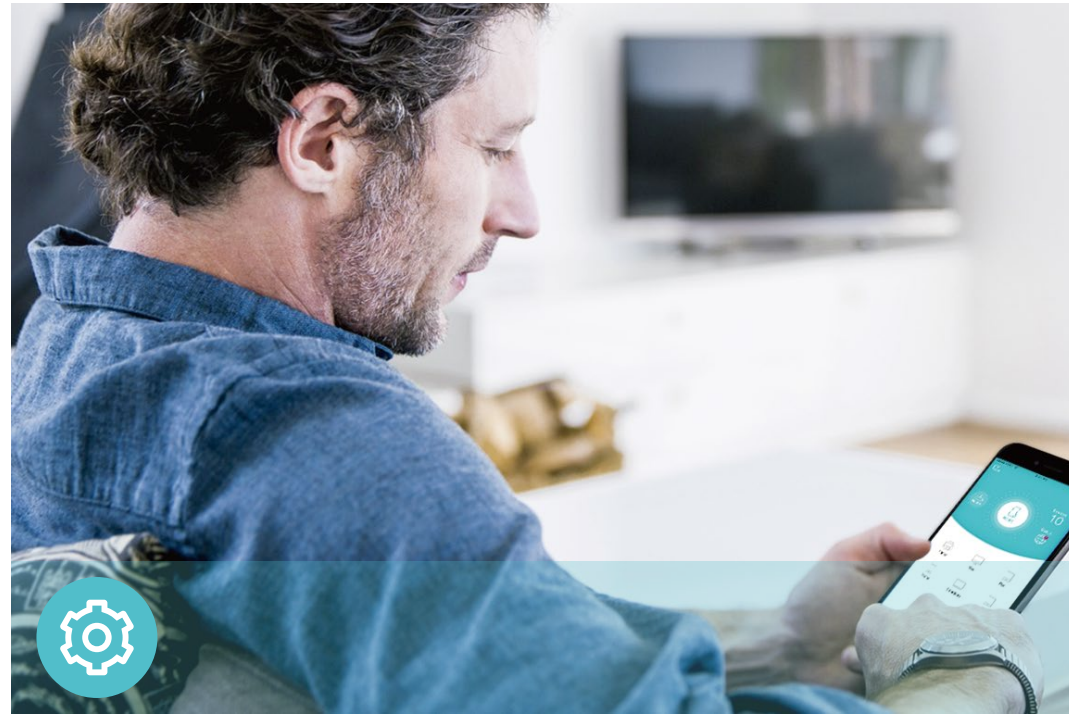
- **Ultimate Range Wi-Fi** – Four external antennas deliver a Wi-Fi signal to every corner of your home, making all of your connections more efficient and stable
- **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections



Reliability

- **VPN Support** – Safely reach files in local NAS, wherever you are
- **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
- **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
- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android and iOS device



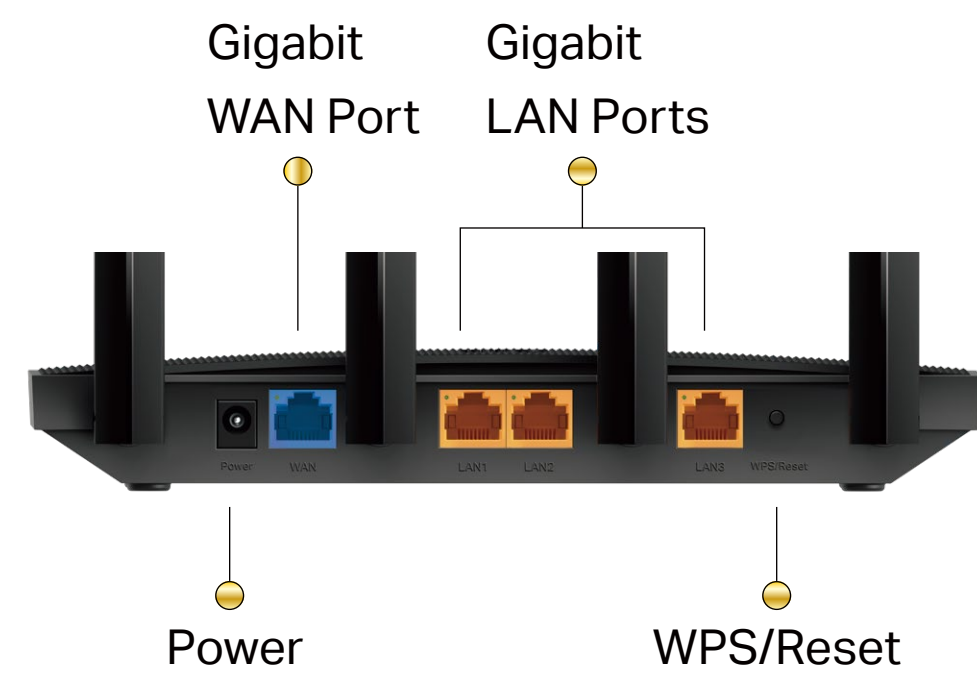
Security

- Guest Network – Provides separate access for guests while securing the home network
- Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet
- Parental Controls – Manage when and how devices can access the internet
- 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: 1× Gigabit WAN Port + 3× Gigabit LAN Ports
- Buttons: WPS/Reset Button
- Antennas: Four External Antennas
- External Power Supply: 12V/1A
- Dimensions (W x D x H): 8.5 × 4.6 × 1.3 in(215 × 117 × 32mm)



Wireless

- Wireless: 960 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:
FCC:<30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
- Reception Sensitivity:
5 GHz:
11a 6Mbps:-95dBm, 11a 54Mbps:-79dBm
11ac VHT20_MCS0:-95dBm, 11ac VHT20_MCS8:-73dBm
11ac VHT40_MCS0:-93dBm, 11ac VHT40_MCS9:-67dBm
11ac VHT80_MCS0:-90dBm, 11ac VHT80_MCS9:-64dBm
11ax HE20_MCS0:-95dBm, 11ax HE20_MCS11:-65dBm
11ax HE40_MCS0:-93dBm, 11ax HE40_MCS11:-63dBm
11ax HE80_MCS0:-90dBm, 11ax HE80_MCS11:-60dBm
2.4 GHz:
11g 6Mbps: -96dBm 54Mbps: -80dBm
HT20-MCS0: -97dBm MCS7: -78dBm
HT40-MCS0: -94dBm MCS7: -75dBm
- Wireless Function: Enable/Disable Wireless Radio, WMM
- Wireless Security: WPA2-PSK, WPA2-PSK/WPA-PSK, WPA3-Personal, WPA3-Personal/WPA2-PSK, WPA2-Enterprise, WPA/WPA2-Enterprise 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

Others

- Certification:
FCC, RoHS
- System Requirements:
Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
Cable or DSL Modem (if needed)
Subscription with an internet service provider (for internet access)
- Environment:
Operating Temperature: 0°C~40°C (32°F ~104°F)
Storage Temperature: -40°C~60°C (-40°F ~140°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- Package Contents
Wireless Router Archer AX1300
Power Adapter
RJ45 Ethernet Cable
Quick Installation Guide

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[†]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.

[‡]Use of 802.11ax (Wi-Fi 6), and features including WPA3 and OFDMA requires clients to also support corresponding features.

[§] 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.

[^]1,000 Mbps internet speeds require compatible service plans and equipment. Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, Internet service provider factors and other environmental conditions.

^{*}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.

^{**}This router may not support all the mandatory features as ratified in Draft 3.0 of IEEE 802.11ax specification.

^{***}Further software upgrades for feature availability may be required.