TP-Link

Wi-Fi 6 802.11ax

AX1500 Next-Gen Wi-Fi 6 Router

Next-Gen Wi-Fi
For More Devices

Archer AX1500

Faster AX Wi-Fi
Speeds up to 1.5 Gbps

Connect More Devices
with OFDMA

Maximized Coverage
with Beamforming

Responsive Processing
with 1.5 GHz Triple-Core CPU

Highlights

802.11 AX Future-Proof Your Wi-Fi

Next-Gen Faster Wi-Fi

1024-QAM brings the speed of a 2×2 connection to the gigabit level – 1201 Mbps – reducing wait time by 30% while downloading huge files including 4K movies games.*

Smooth Streaming

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

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.‡
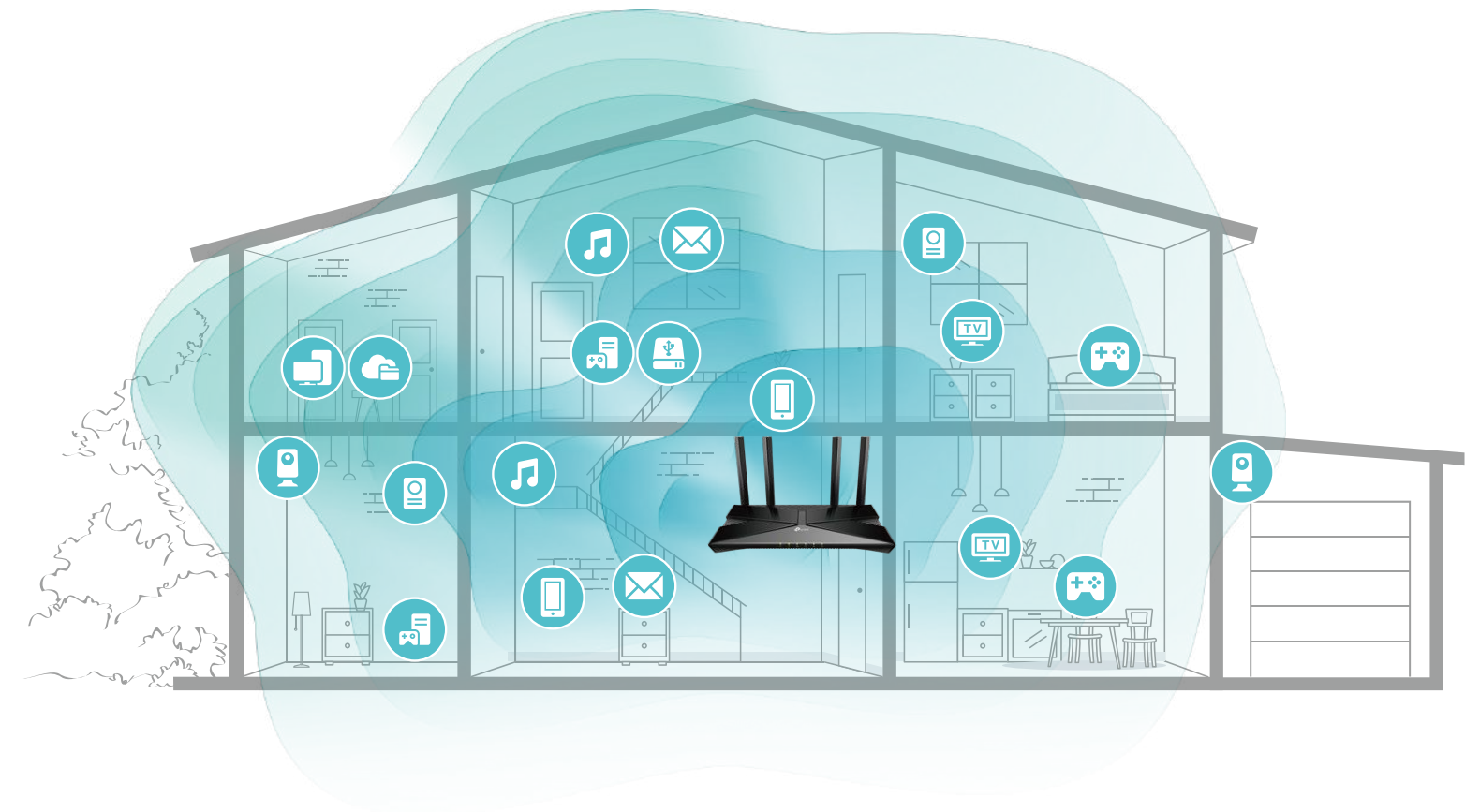
Backwards Compatible

Archer AX1500 benefits existing Wi-Fi devices and is backward compatible with 802.11a/b/g/n/ac Wi-Fi standards.

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.§
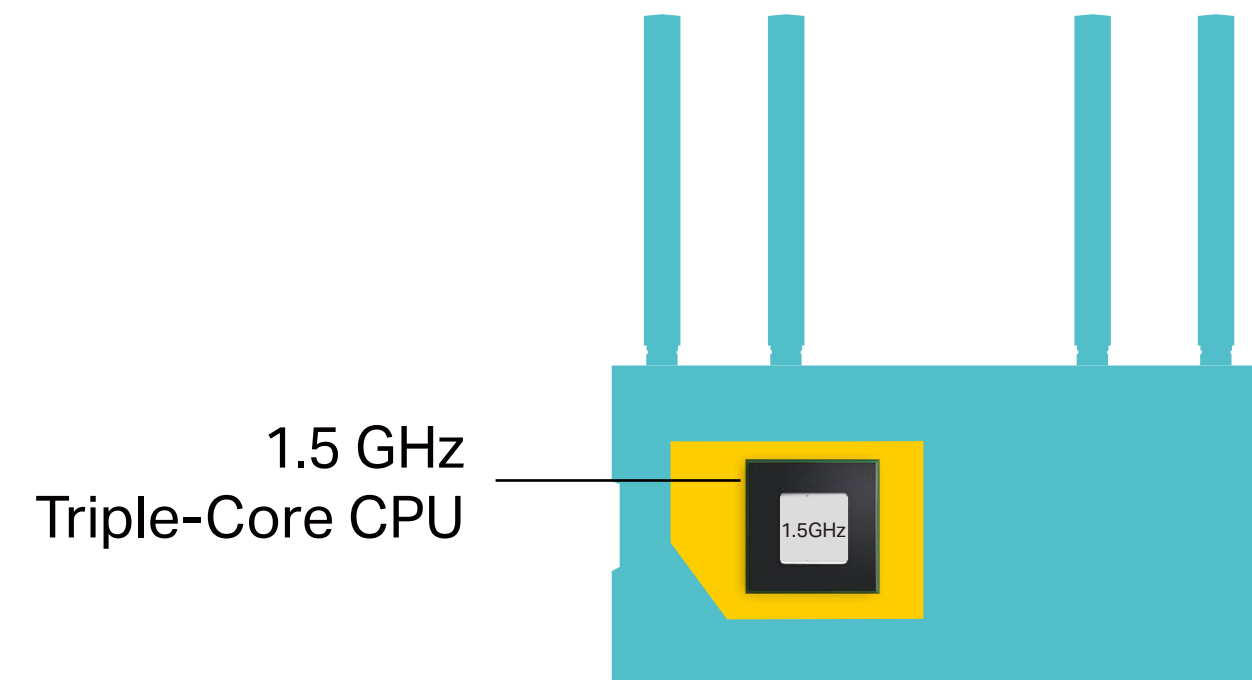
Highlights

Boosted Coverage

Four high-gain antennas and Beamforming transmit Wi-Fi signals to every corner of your home and concentrate signals strength towards connected devices. Wi-Fi 6 adjusts the bandwidth of sub-channels, making signals clearer and ensuring larger coverage.[†]

Stable Triple-Core CPU

Every click you make, responds quicker. A 1.5 GHz triple-core CPU handles data throughput up to multi-gigs and minimizes the latency within your home network, delivering you a smooth experience.
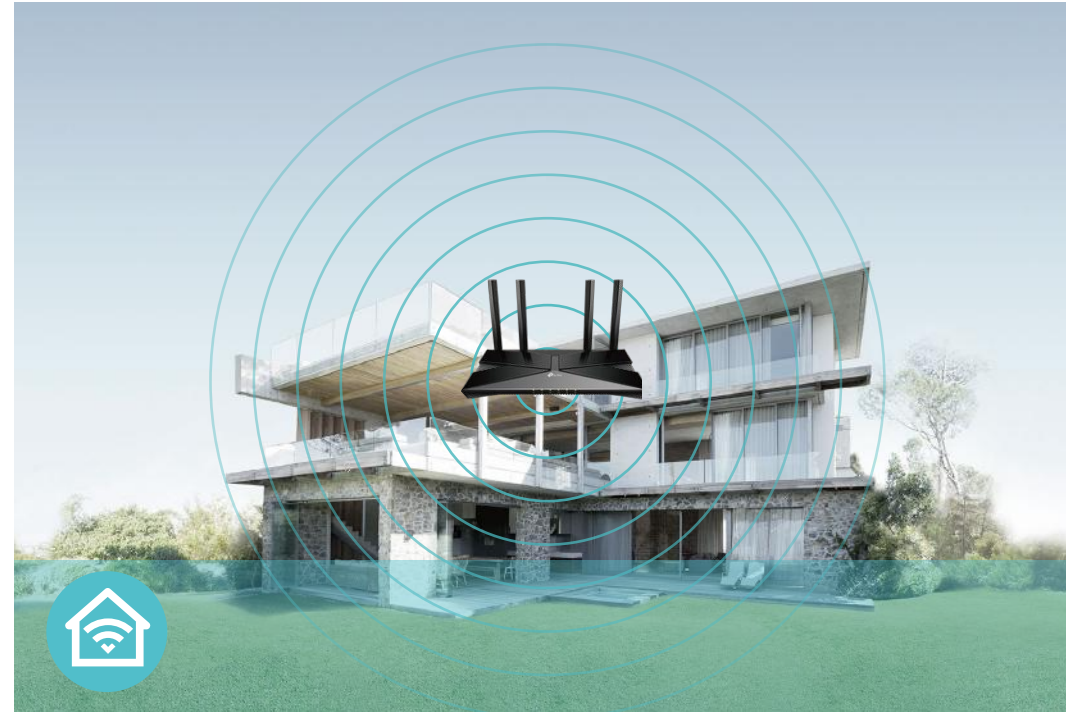
1.5 GHz
Triple-Core CPU

1.5GHz

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

· **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 withinyour home network

· **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, with secure OpenVPN and PPTP VPN server

· **Smart Connect** – Intelligently switches each device's connection to the optimum available Wi-Fi band

· **Airtime Fairness** – Balances bandwidth of connected devices to improve overall throughput and efficiency

· **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
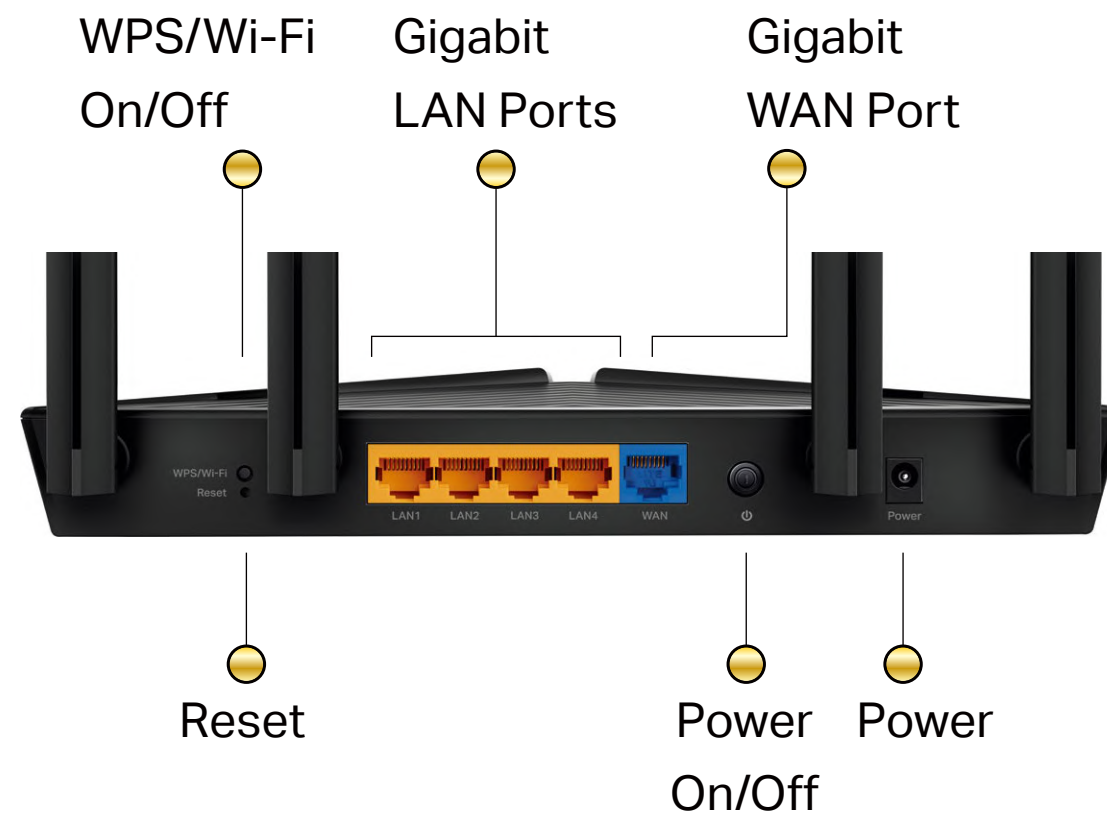
Security

· Guest Network – Provides separate access for guests to secure the home network

· Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet

· Parental Controls – Restricts internet access time and contents for children devices

· Encryptions for Secure Network – WPA-PSK and WPA2-PSK encryptions provide active protection against security threats

Specifications

Hardware

- **Ethernet Ports:** 1 x Gigabit WAN Port, 4 x Gigabit LAN Ports
- **Hardware:** 1.5 GHz Triple-Core CPU
- **Buttons:** WPS/Wi-Fi Button, Power On/Off Button, Reset Button
- **Antennas:** Four External Antennas
- **External Power Supply:** 12V/1A
- **Dimensions (W x D x H):** 10.2 × 5.3 × 1.5 in (260.2 × 135.0 × 38.6 mm)

WPS/Wi-Fi On/Off   Gigabit LAN Ports   Gigabit WAN Port

Reset   Power On/Off   Power

Wireless

- **Wireless:** 1201 Mbps (5 GHz, 11ax) + 300 Mbps (2.4 GHz, 11n), compatible with 11a/b/g/n/ac 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:-97dBm, 11a 54Mbps:-79dBm
  11ac VHT20_MCS0:-96dBm, 11ac VHT20_MCS11:-66dBm
  11ac VHT40_MCS0:-94dBm, 11ac VHT40_MCS11:-63dBm
  11ac VHT80_MCS0:-91dBm, 11ac VHT80_MCS11:-60dBm
  11ax HE20_MCS0:-95dBm, 11ax HE20_MCS11:-63dBm
  11ax HE40_MCS0:-92dBm, 11ax HE40_MCS11:-60dBm
  11ax HE80_MCS0:-89dBm, 11ax HE80_MCS11:-58dBm
  2.4 GHz:
  11g 6Mbps:-91dBm, 11a 54Mbps:-74dBm
  11n HT20_MCS0:-90dBm, 11n HT20_MCS7:-73dBm
  11n HT40_MCS0:-88dBm, 11n HT40_MCS7:-70dBm
- **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 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

· VPN Server: OpenVPN, PPTP VPN

Others

· Certification:

  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 AX1500

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

For more information, please visit

http://www.tp-link.com/products/details/Archer-AX1500.html

or scan the QR code left