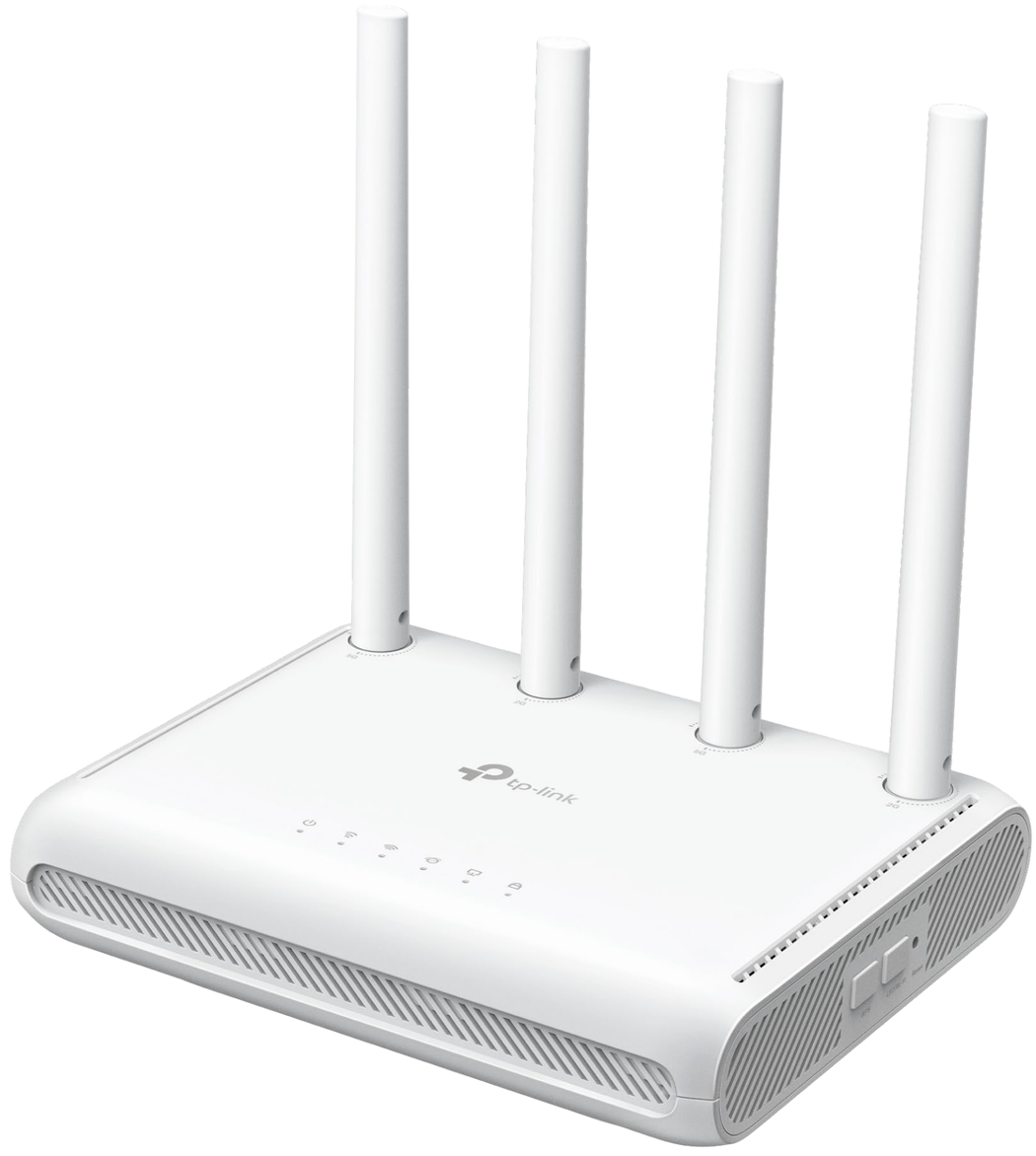
tp-link

EasyMesh Compatible

Wi-Fi 6

AX1500 Gigabit Wi-Fi 6 Router

Next-Gen Wi-Fi For All



Archer AX1500

Faster Speeds with Wi-Fi 6
Dual-Band Wi-Fi speeds up to 1.5 Gbps†

Ultra-Low Latency
Enjoy smooth streaming and gaming with lower latency by Wi-Fi 6‡

Connect More, Stay Fast
More simultaneous connections and higher average throughput with OFDMA‡

Full Gigabit Ports
Take full advantages of broadband speeds up to 1 Gbps△

Highlights

Wi-Fi 6 Faster. Broader. Unstoppable.

Immersive Gaming, Smooth Streaming
Optimized for online gaming and live streaming, advanced features ensure ultra-smooth high-definition video and audio. With OFDMA-based technology, multiple clients can transmit uplink and downlink data simultaneously across 2.4 GHz and 5 GHz bands, reducing latency and improving network responsiveness.

Improved Efficiency and More Connected Devices
Add more Wi-Fi devices to your network without sacrificing performance. With Wi-Fi 6 technology, Archer AX1500 increases average throughput by up to 4×, allowing more devices to connect simultaneously.[§]

Expanded Coverage, Enhanced Signal Quality
Powered by Wi-Fi 6 and beamforming technology, Archer AX1500 delivers clearer, stronger signals and focuses wireless transmission toward distant devices, even in environments with interference.

Backward Compatibility
Upgrade your home Wi-Fi to the next level while remaining compatible with previous-generation 802.11a/b/g/n/ac Wi-Fi standards.

Flexible Placement to Fit Your Home

Archer AX1500 boasts a versatile design, enabling you to position it either vertically or horizontally to seamlessly blend with various home settings.



Horizontal Stand

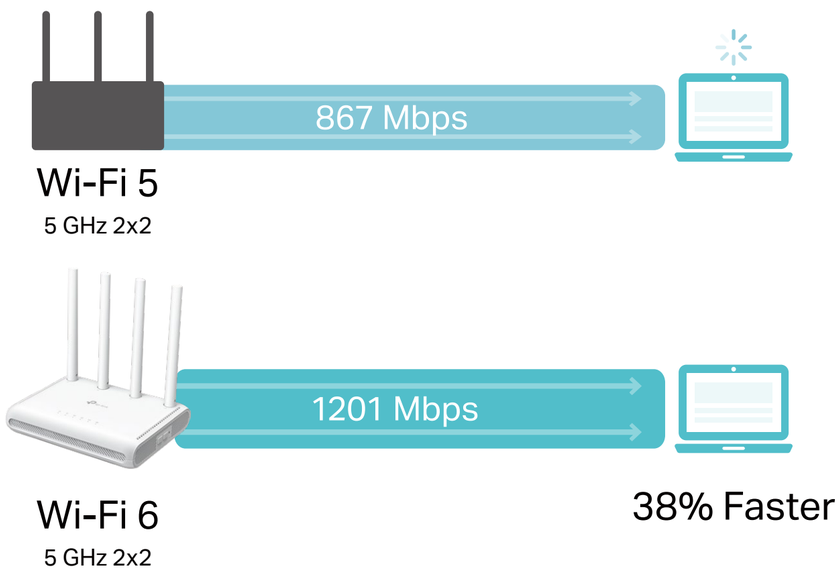


Vertical Stand

Highlights

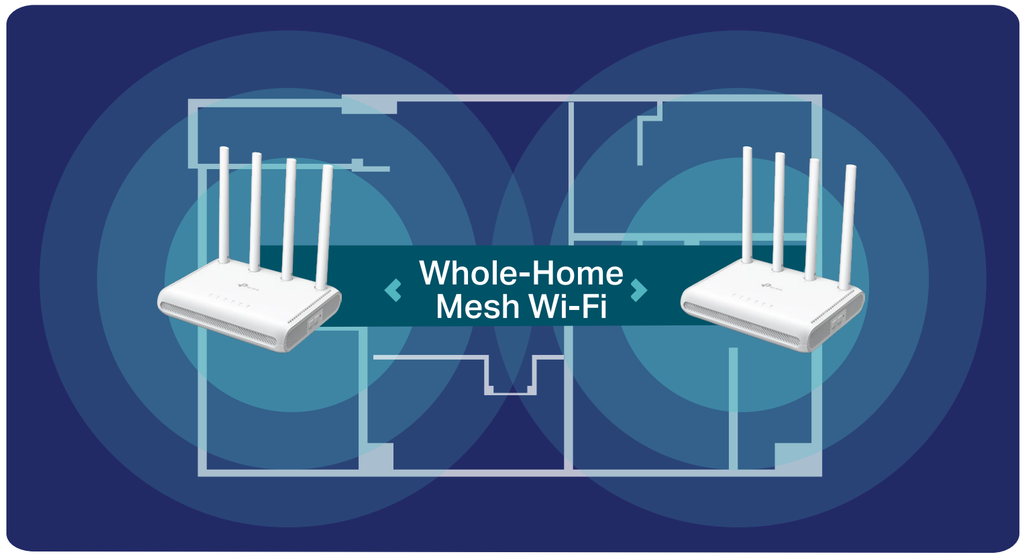
Faster Wireless Connection

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.*



Flexible Whole-Home Wi-Fi

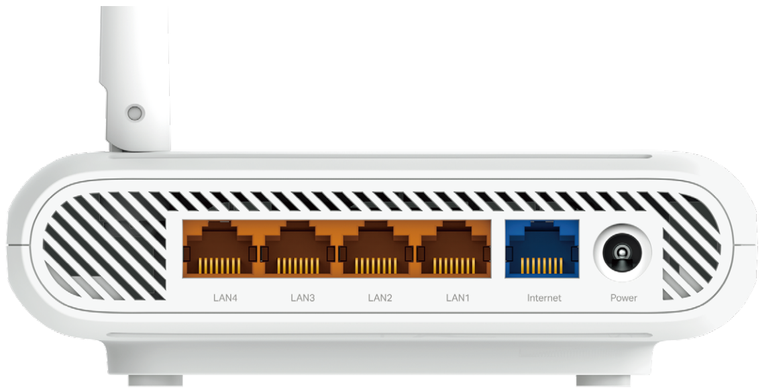
Mesh networking creates smooth, fast, stable roaming. Archer AX1500 can build an EasyMesh network with devices that use EasyMesh technology. It also works with TP-Link OneMesh products to create a TP-Link OneMesh network. Eliminate Wi-Fi dead zones, expand your network, and fill your entire home with high-speed Wi-Fi.****



Highlights

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.[Δ]



Gigabit Ports

WPA3 Security

The latest Wi-Fi security protocol, WPA3, brings new capabilities to improve cybersecurity. More secure encryption in Wi-Fi passwords and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi.[‡]

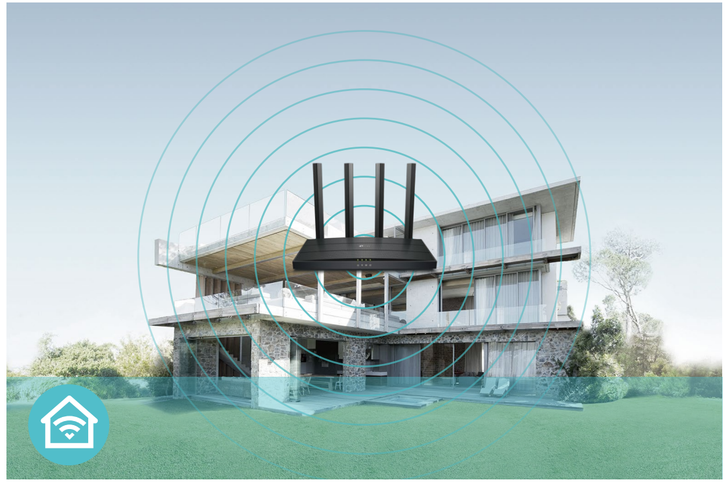


Features



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)
- Gigabit Internet Access – Take full advantages of broadband speeds up to 1 Gbps△



Wi-Fi Range

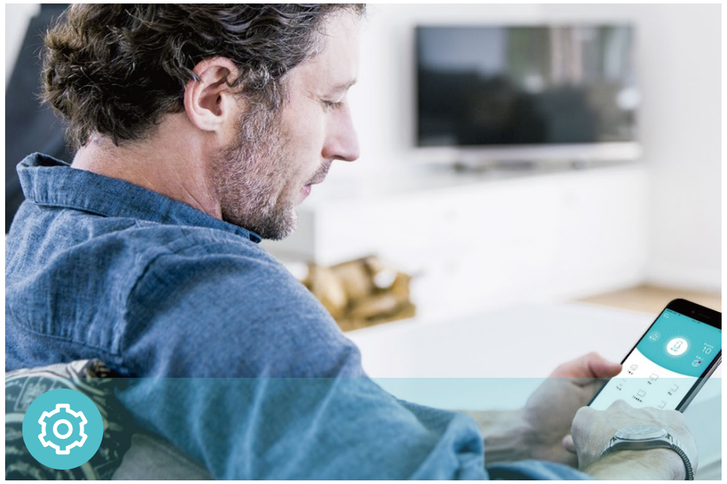
- Ultimate Range Wi-Fi – Four external antennas deliver a Wi-Fi signal to every corner of your home, making all of your connections more efficient and stable
- Beamforming Technology – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections



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



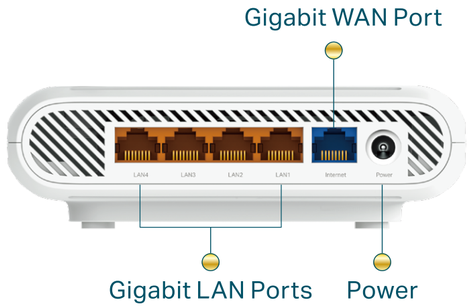
Security

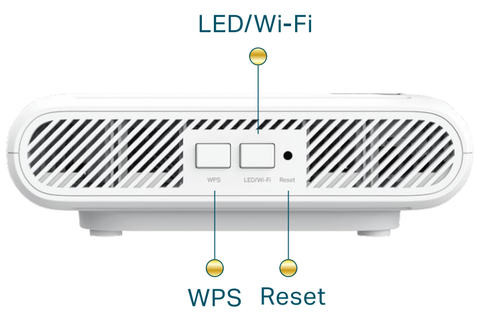
- Guest Network – Provides separate access for guests while securing the home network
- Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet
- Parental Controls – Manage when and how devices can access the internet
- WPA3 Security – The latest 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 + 4× Gigabit LAN Ports
- Buttons: WPS, Reset, LED/Wi-Fi
- Antennas: Four External Antennas
- External Power Supply: 12V/1A
- Dimensions (W x D x H): 169 × 137.4 × 41.4 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(2.4 GHz & 5.15 GHz~5.825 GHz)
- Reception Sensitivity:

  5 GHz:

  11a 6Mbps:-95dBm, 11a 54Mbps:-79dBm

  11ac VHT20_MCS0:-96dBm, 11ac VHT20_MCS8:-66dBm

  11ac VHT40_MCS0:-94dBm, 11ac VHT40_MCS9:-63dBm

  11ac VHT80_MCS0:-91dBm, 11ac VHT80_MCS9:-60dBm

  11ax HE20_MCS0:-95dBm, 11ax HE20_MCS11:-66dBm

  11ax HE40_MCS0:-92dBm, 11ax HE40_MCS11:-65dBm

  11ax HE80_MCS0:-89dBm, 11ax HE80_MCS11:-62dBm

  2.4 GHz:

  11g 6Mbps: -96 54Mbps: -80

  HT20-MCS0: -97 MCS7: -78

  HT40-MCS0: -94 MCS7: -75
- 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:

  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~60°C (-40°F ~140°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
https://www.tp-link.com/kr/home-networking/wifi-router/archer-ax1500/
or scan the QR code left

For technical support, please visit: https://www.tp-link.com/kr/support
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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 the number of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, building materials, obstacles, traffic volume and density, and client location.
‡ To use Wi-Fi 6 (802.11ax) features such as WPA3, OFDMA, and 1024-QAM, clients must also support these features.
§ According to the definitions of the 802.11ax standard, the standardized modifications to the IEEE 802.11 physical layer (PHY) and IEEE 802.11 MAC (Medium Access Control) layer can improve average throughput per station by up to 4× in dense deployment scenarios (measured at the MAC data service access point).
△ To achieve internet speeds up to 1,000 Mbps, compatible internet service plans and equipment are required. Actual internet speeds may be limited by the product's Ethernet WAN or LAN port speed, the supported speed of network cables, internet service provider factors, and other environmental conditions.
*The 30% reduction in download time is based on a comparison of Wi-Fi 6 5 GHz 2×2 speeds versus Wi-Fi 5 5 GHz 2×2, showing a 38% speed increase.
** This router may not support all mandatory features as ratified in IEEE 802.11ax specification version 3.0.
*** Software upgrades may be required to enable certain features.
**** This product is compatible with the standard EasyMesh™ technology but has not obtained Wi-Fi EasyMesh™ certification.
TP-Link EasyMesh™-compatible products can form a network with other EasyMesh™-compatible devices.