



AX11000 Tri-Band WiFi 6 Gaming Router

DOMINATE THE
COMPETITION



Archer AX11000

Game Accelerator

Game Dashboard

10 Gbps
Ultra Wi-Fi Speeds[†]

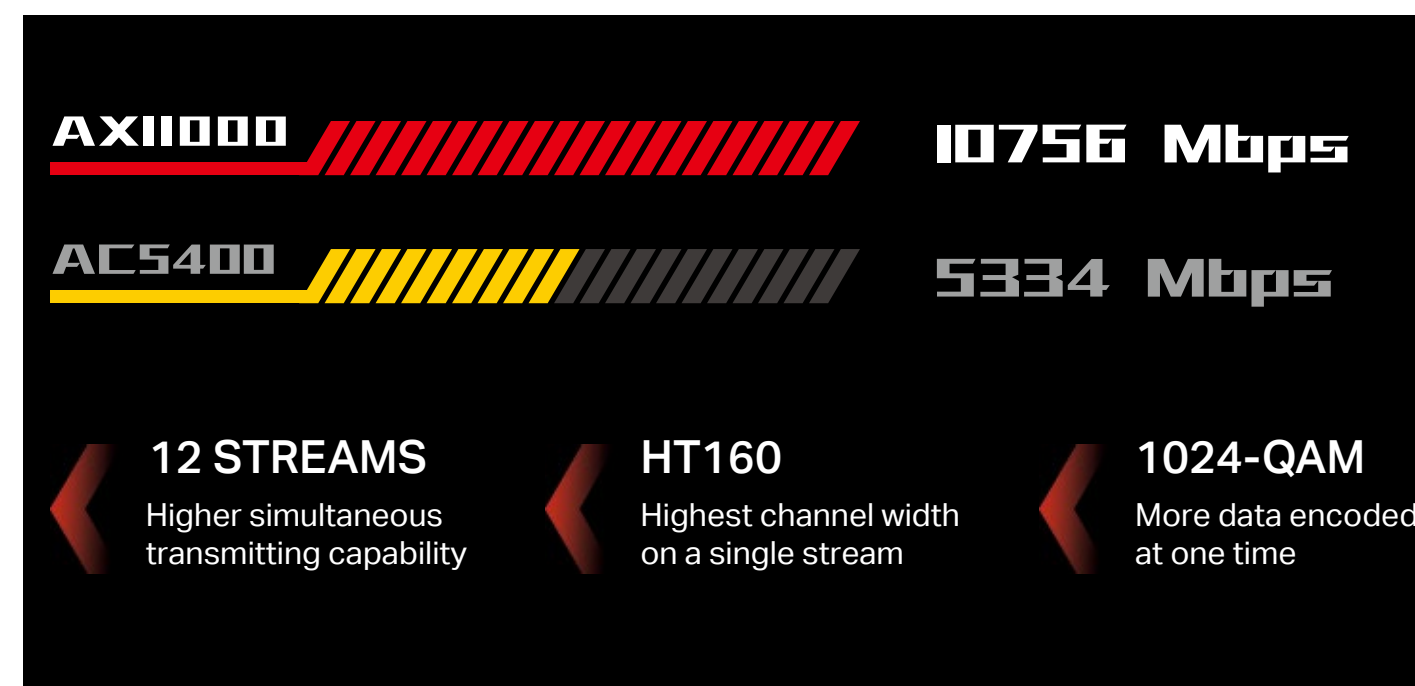
1.8 GHz
Quad Core CPU

2.5 Gbps
WAN Port

Highlights

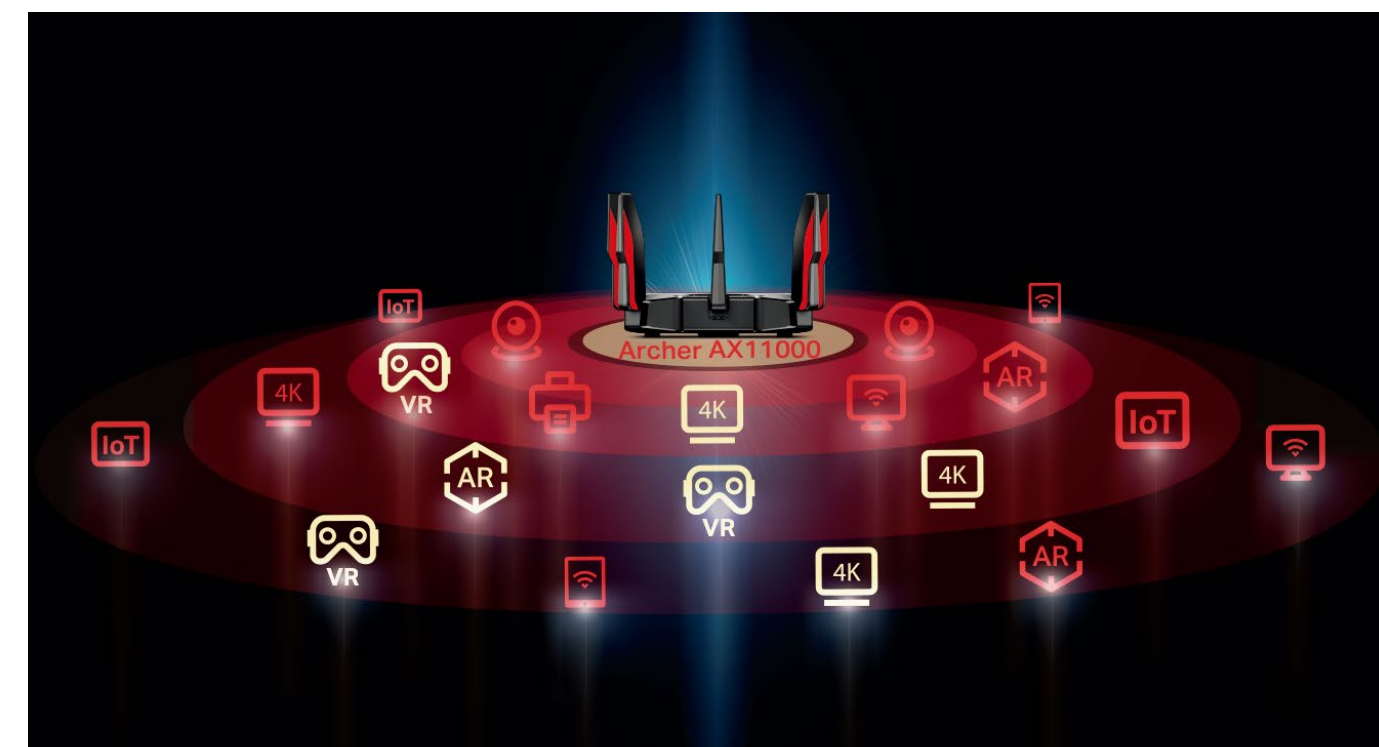
802.11 AX Wi-Fi 6 Brings over 10 Gbps Wireless Speeds

Higher speeds makes less congestion for gaming rigs. Armed with Wi-Fi 6, Archer AX11000 becomes the next-level speed machine that offers astonishing Wi-Fi throughput up to 10756 Mbps with an extended range.[†]



4x Greater Capacity to Link More Devices

More connected devices mean more fun, without dragging down performance. Revolutionary OFDMA is introduced to improve average throughput by 4x and cut the latency. Take advantage of incredibly low latency to demolish your enemies, together with your team crew.[§]



Highlights

Accelerate Gaming Connections

Game Accelerator automatically detects and optimizes gaming streams, to ensure your gaming stays immersive and keep your network as fast as your reaction speed.*



Know Your Network

Game Protector keeps your accounts and system safe. This enhanced Homecare™ security system protects every device from the latest cyber threats, delivering comprehensive antivirus protection that ensures your total security while gaming online.



Features



Speed

- **A Speed Racer** – AX11000 Tri-Band Wi-Fi speed boosted by 1024-QAM delivers ultra-fast experiences with the Wi-Fi 6 standard.^{†‡}
- **Game Accelerator** – Automatically accelerates mainstream online games. Reduced latency ensures your gaming stays immersive.*
- **Powerful Processing** – One 1.8 GHz Quad-Core CPU and 3 coprocessors eradicate latency and deliver stable performance.



Wi-Fi Range

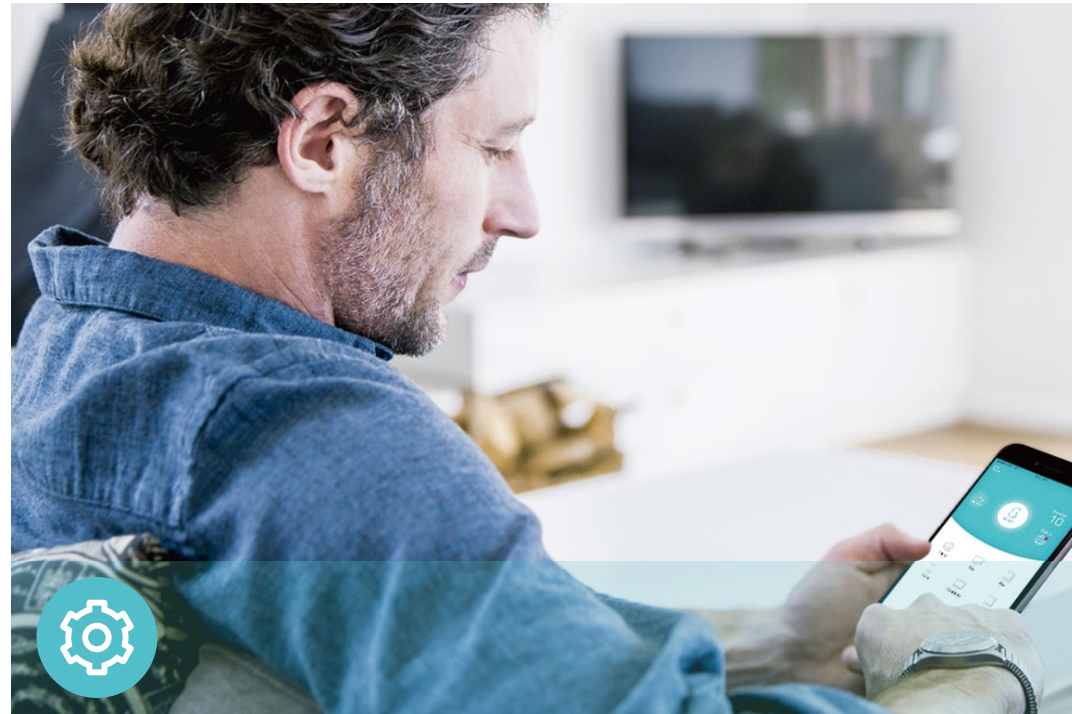
- **Ultimate Range Wi-Fi** – 8 high-gain external antennas deliver a Wi-Fi signal to every corner of your home, making all of your connections more efficient and stable.
- **RangeBoost** – Greatly enhances receiving sensitivity to deliver a more stable router-client link
- **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections



Reliability

- **Intelligent Connection** – Smart Connect directs clients to a less congested band and Airtime Fairness optimizes time usage.
- **Easy Bandwidth Management** – Advanced QoS makes it easier for you to manage the bandwidth of connected devices or applications
- **Highly Efficient** – OFDMA and MU-MIMO increase the average throughput by 4× in high-density scenarios.^{4§}
- **Extensive Connectivity** – Connect virtually any device with a 2.5 Gbps WAN port, eight Gigabit LAN ports, and dual USB 3.0 ports.^{**}
- **Superior Coverage** – RangeBoost cooperates with Beamforming technology to expand signal coverage.

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 radio using the Wi-Fi button; turn on/off LEDs using the LED 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
- Easy and Smart – Bluetooth onboard makes configuration easier than ever. Compatible with Amazon Alexa



Security

- Game Protector – TP-Link HomeCare™ provides your entire network with advanced antivirus service.
- 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 – 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



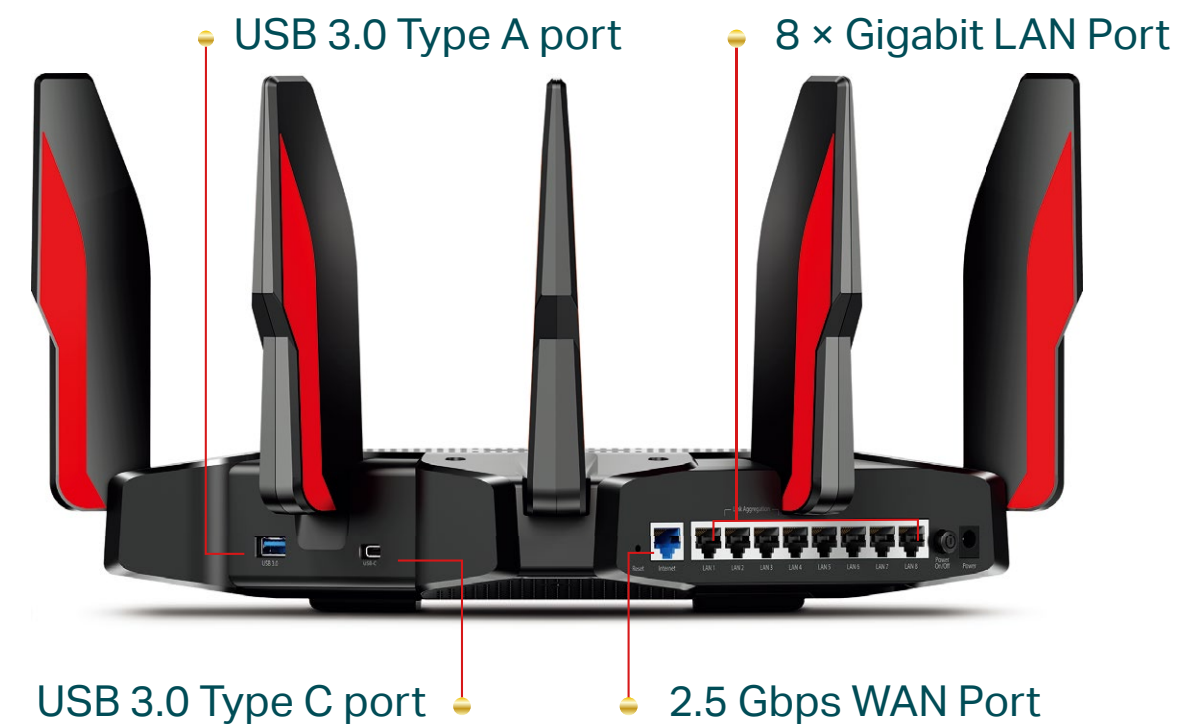
Easy Sharing

- Type C & Type A USB 3.0 Ports – Provide data transfers up to 10× faster than a traditional USB 2.0 port.
- Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network

Specifications

Hardware

- Hardware: 1.8 GHz Quad-core + 1 GB RAM + 512 MB Flash + Bluetooth
- Ethernet Ports: 1 × 2.5 Gbps WAN Port + 8 × Gigabit LAN Port
- USB Ports: 1 × USB 3.0 Type C + 1 × USB 3.0 Type A
- Buttons: WPS Button, Wi-Fi On/Off Button, LED On/Off Button, Power On/Off Button, Reset Button
- Antennas: 8 High-Performance External Antennas
- External Power Supply: 12V/5A
- Dimensions (W x D x H): 11.3×11.3×7.2in (288×288×184mm)



Wireless

- Wireless: 1148 Mbps on 2.4 GHz (802.11ax) + 2 × 4804 Mbps on 5 GHz (802.11ax), compatible with 802.11a/b/g/n/ac Wi-Fi standards
- Frequency: 2.4 GHz and 5 GHz
- Transmit Power:
CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.35 GHz); <30dBm(5.47 GHz~5.725 GHz)
FCC: <30dBm(2.4 GHz & 5.15 GHz~5.25 GHz & 5.725 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
11ac VHT160_MCS0:-88dBm, 11ac VHT160_MCS11:-55dBm
11ax HE20_MCS0:-95dBm, 11ax HE20_MCS11:-63dBm
11ax HE40_MCS0:-92dBm, 11ax HE40_MCS11:-60dBm
11ax HE80_MCS0:-89dBm, 11ax HE80_MCS11:-58dBm
11ax HE160_MCS0:-85dBm, 11ax HE160_MCS11:-55dBm
2.4 GHz:
11g 6Mbps: -97dBm, 11a 54Mbps:-79dBm
11n HT20_MCS0:-97dBm, 11n HT20_MCS7:-78dBm
11n HT40_MCS0:-95dBm, 11n HT40_MCS7:-75dBm
11ac VHT20_MCS0:-96dBm, 11ac VHT20_MCS11:-67dBm
11ac VHT40_MCS0:-94dBm, 11ac VHT40_MCS11:-64dBm
11ax HE20_MCS0:-96dBm, 11ax HE20_MCS11:-64dBm
11ax HE40_MCS0:-93dBm, 11ax HE40_MCS11:-61dBm
- Wireless Function: Enable/Disable Wireless Radio, WDS Bridge, WMM
- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA3 encryptions

Specifications

Software

- Quality of Service: Device and Application Prioritisation
- WAN Type: Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- Management: Access Control, Local Management, Remote Management
- DHCP: Server, DHCP Client List, Address Reservation
- NAT Forwarding: Port Forwarding, Port Triggering, UPnP, DMZ
- Dynamic DNS: DynDns, NO-IP, TP-Link
- VPN Server: OpenVPN, PPTP VPN
- Access Control: Local Management Control, Host List, White List, Black List
- Firewall Security: SPI Firewall, IP and MAC Address Binding
- Protocols: IPv4, IPv6
- USB Sharing: Supports Samba(Storage)/FTP Server/Media Server
- Guest Network: 2.4GHz Guest Network, 5GHz Guest Network
- HomeCare™: Parental Controls, QoS, Antivirus

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)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- Package Contents
Wireless Router Archer AX11000
Power Adapter
RJ45 Ethernet Cable
Quick Installation Guide



For more information, please visit

https://www.tp-link.com/products/details/cat-9_Archer-AX11000.html

or scan the QR code left

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†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage 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 its features including OFDMA, HE160, and 1024-QAM requires clients to also support corresponding features. The 160 MHz bandwidth may be unavailable in the 5 GHz band in some regions/countries due to regulatory restrictions.

§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.

ΔUse of OFDMA, MU-MIMO, and WPA3 requires clients to also support the corresponding features.

*Any revision to a supported game may influence Game Accelerator's ability to support it. Please refer to product page for the full list of supported games.

**2.5 Gbps Internet speed requires compatible service plans and equipment.

***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.