tp-link

BE6500 Dual-Band
Wi-Fi 7 Gaming Router

Dominate the Competition

Archer GE400

Turbo Game Acceleration	**Reliable GamingWi-Fi**	**Lightning-Fast Speeds**	**2.5G Multi-Gig Connectivity**
Get Rid of High Ping and Packet Loss	Multi-Link Operation (MLO) supported‡	6.5 Gbps Dual-Band Wi-Fi†	2×2.5 Gbps Ports Boost Wired Connections§

Highlights

Wi-Fi 7 — Wi-Fi Like Never Before

Multi-Link Operation

5 GHz
and
2.4 GHz

Higher Speed, Lower Latency
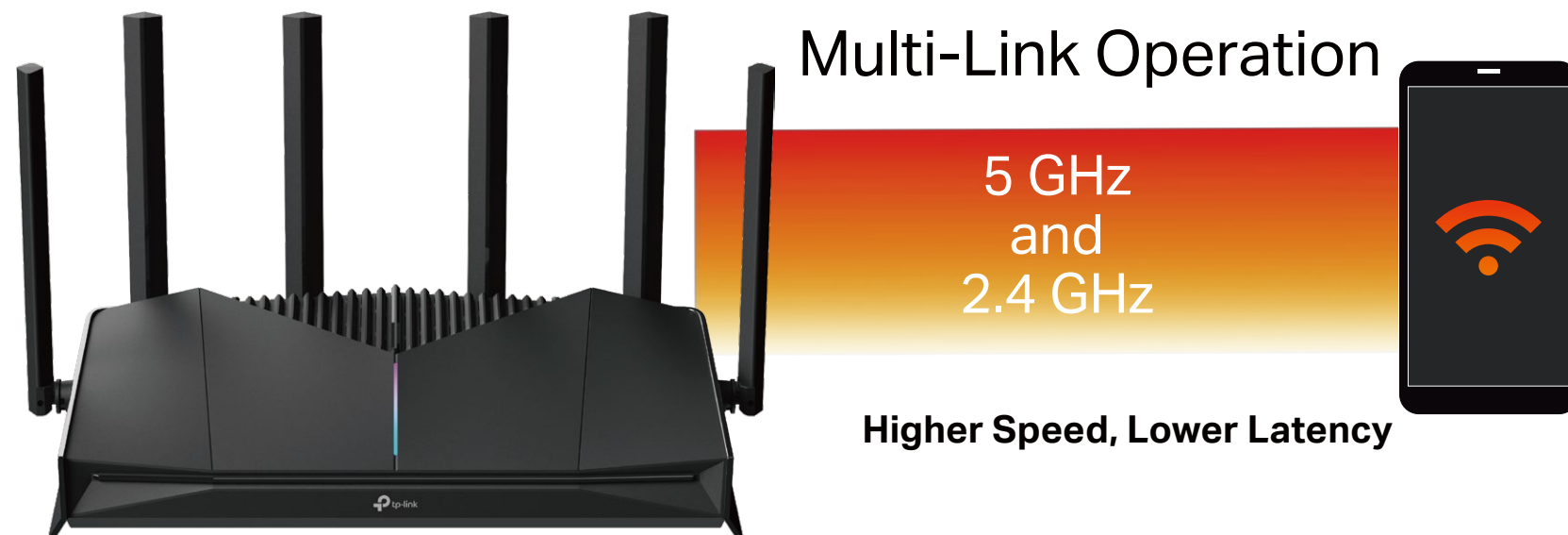
Blazing-Fast Gaming Wi-Fi up to 6.5 Gbps

Delivering 5765 Mbps on 5 GHz band and 688 Mbps on 2.4 GHz band, Archer GE400 is always ready for the fiercest battles. Keep your game on track with the dedicated 5GHz gaming band, freeing you from competing with your family's Netflix 4K streaming. [†]

Reliable Gaming Wi-Fi

Multi-Link Operation (MLO) empowers the Archer GE400 to seamlessly transmit data to Wi-Fi 7 clients across both 5 GHz and 2.4 GHz bands concurrently, ensuring stable internet connections and efficient data transfers.

Highlights

Turbo Game Acceleration for Minimal Latency

Prioritize Game Applications with QoS

Automatically detects and optimizes gaming streams to accelerate your game applications to run at high speeds, even on a crowded network.
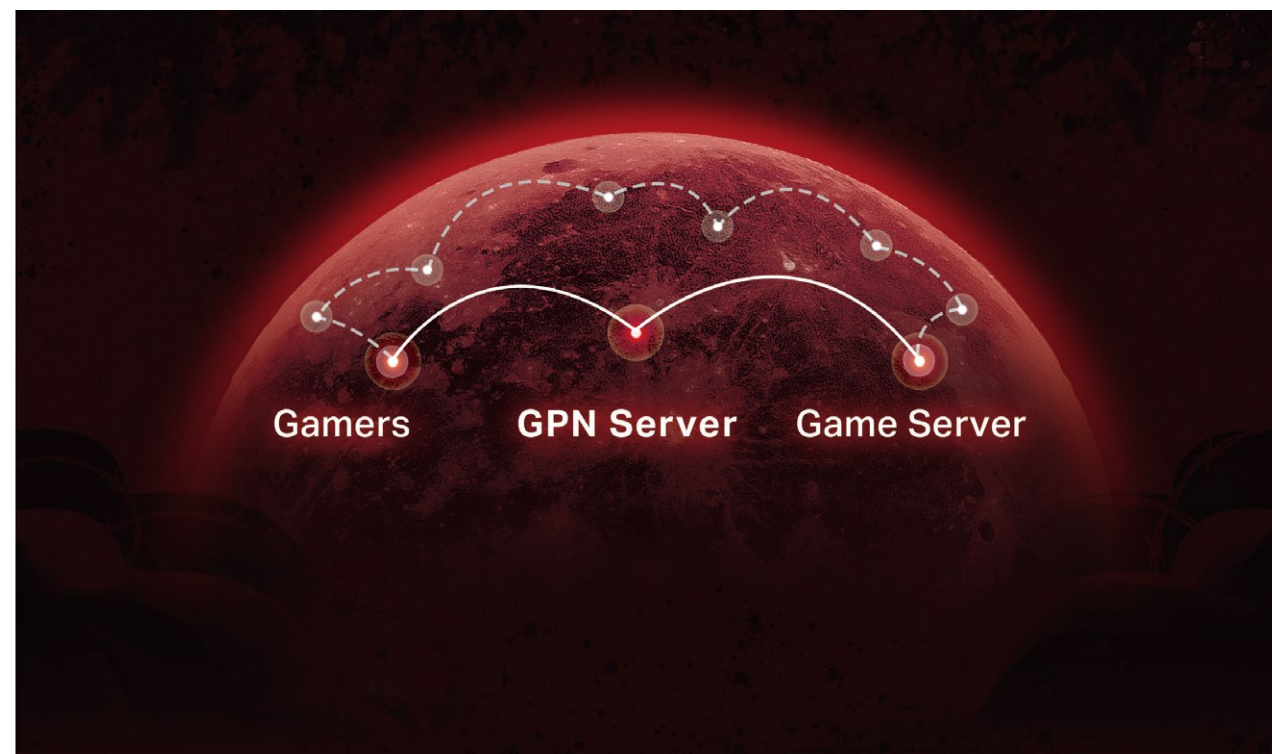
Prioritize Game Devices with the Gaming Port

Automatically prioritizes your game device traffic, letting you focus on play, not battling for bandwidth.

Highlights

Turbo Game Acceleration for Minimal Latency

Game Server Acceleration by GPN

Slash your game ping and packet loss with GPN (Gamers Private Network). A shorter path from gamers to game servers driven by real-time measurements is your secret weapon for winning.
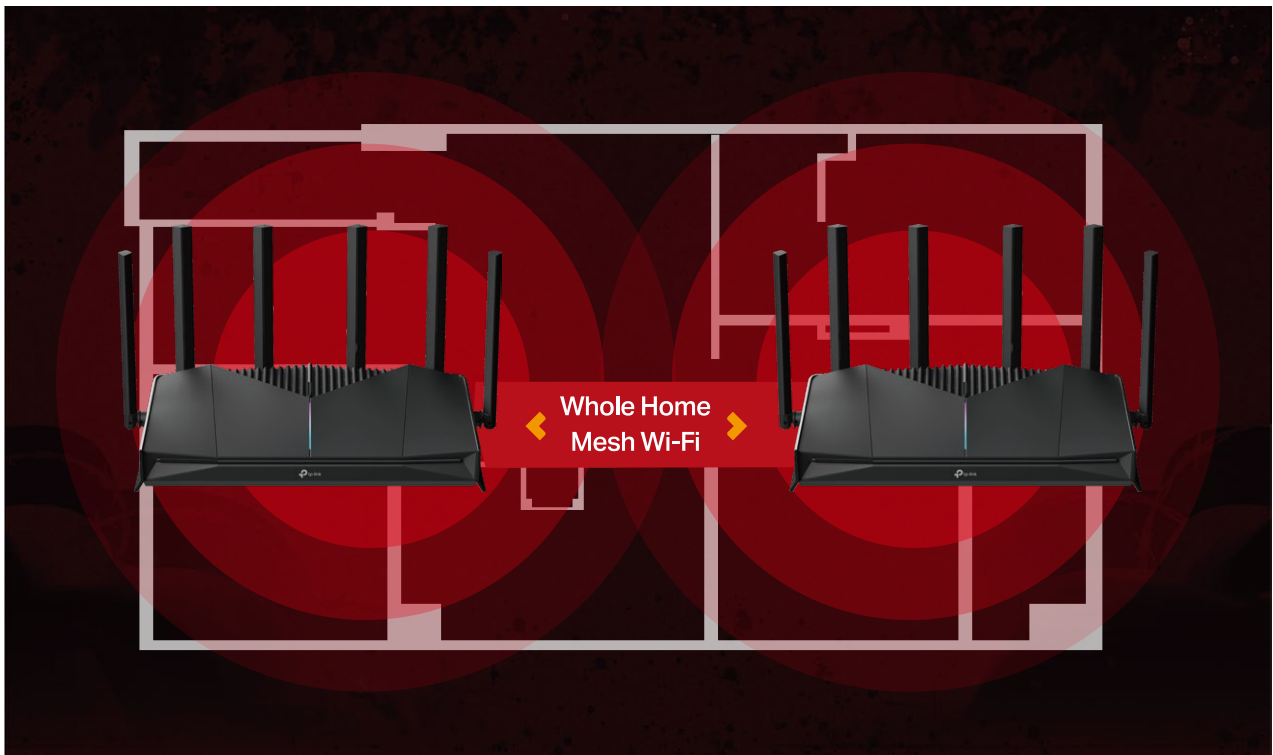
Mobile Game Acceleration

Minimize lag and latency for mobile gaming during network congestion to give yourself the edge whether you're playing solo or on a team.

Highlights

Turbo Game Acceleration for Minimal Latency
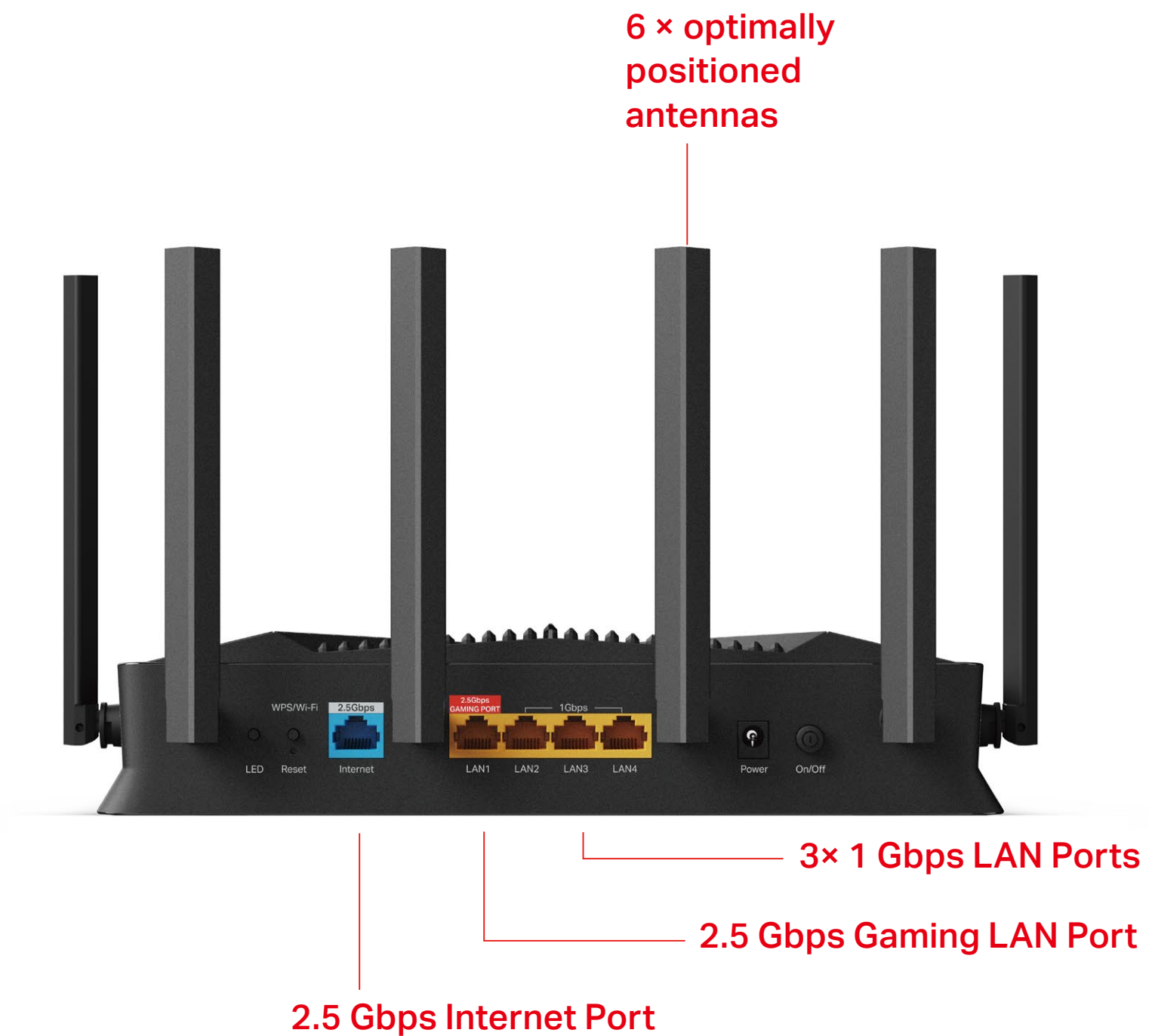

Flexible Whole-Home Wi-Fi

6 high-performance antennas and Beamforming deliver broad coverage. Furthermore, Archer GE400 is compatible with EasyMesh to form seamless whole home mesh Wi-Fi.**

Enhanced Security

TP-Link's advanced security services protect your home network and IoT devices, ensuring safe and uninterrupted gameplay. Focus on winning, not network security.*

Highlights

6 × optimally positioned antennas

3× 1 Gbps LAN Ports

2.5 Gbps Gaming LAN Port

2.5 Gbps Internet Port

Flexible Network Port Configurations

Archer GE400 ensures max flexibility and boosted throughput, which provides massive bandwidth to wired gaming devices and ultra-fast internet connections in any gaming scenario. [§]

Obliterate Dead Zones

Enjoy uninterrupted gaming in every corner of your home with 6× optimally positioned antennas, proprietary Wi-Fi optimization, and Beamforming technology. Turn every corner into your personal gaming arena.

Features

Ultra-Fast Speed

· **BE6500 Wi-Fi** – Up to 6453 Mbps dual-band Wi-Fi 7 enables gaming, streaming and high-speed downloading on multiple devices—all at the same time.[†]

· **2x 2.5G Ports** – 1× 2.5 Gbps Internet port + 1× 2.5 Gbps LAN port + 3× 1 Gbps LAN Ports + 1× USB 3.0 port ensure max flexibility and boosted throughput.

· **Wi-Fi 7** – Wi-Fi 7 (802.11be) features advanced technologies, including Multi-Link Operation (MLO), 320MHz bandwidth, 4K QAM, and Multi-RUs drastically increasing the speed and efficiency of your entire network.[‡▵]

· **Smart Connect** – Intelligently assigns each device to the best Wi-Fi band for optimal performance.

High Capacity and Reliable Connections

· **6453 Mbps Dual-Band WiFi 7** – Enables your devices to run at full speed. Enjoy fluent 4K/8K streaming, immersive AR/VR gaming, and blazing-fast downloads.[†]

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

· **Maximized Capacity** – Communicates with multiple devices via 6 streams and dual-band simultaneously. Combined with OFDMA and MU-MIMO, 6 streams won't affect your online gaming.[‡]
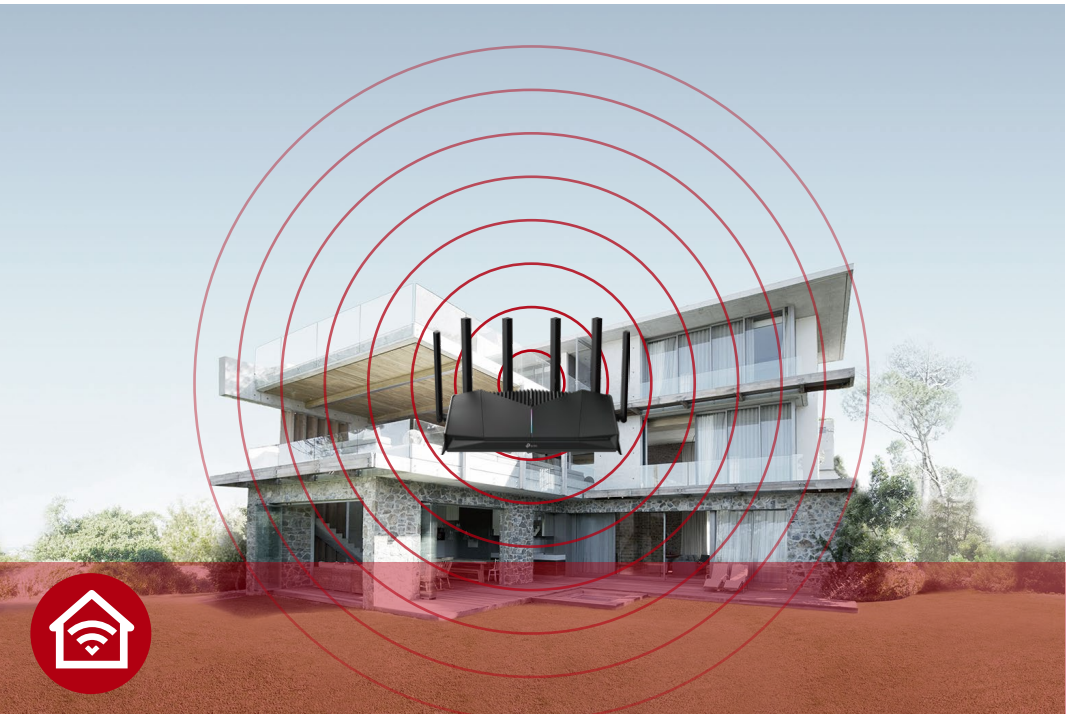
Broad Wi-Fi Range

· **Maximized Coverage** – Proprietary WiFi optimization and 6× optimally positioned antennas along with Beamforming deliver more capacity, stronger and more reliable connections, and less interference.

· **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections.

· **Seamless EasyMesh network** – Transfer between seamless whole-home Wi-Fi without any drops or lag and manage your whole network using a centralized panel. **

Features

Ease of Use

· Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether app, available on any Android and iOS device.

· Intuitive Web UI – Ensures quick and simple installation without hassle.

· WPS (Wi-Fi Protected Setup) – Help you to quickly and securely connect your devices to the router's network with a tap.

· Backwards Compatible – Take your Wi-Fi to the next level while being backwards compatible with existing 802.11a/b/g/n/ac/ax Wi-Fi standards.

· Works with Amazon Alexa and Google Assistant – Utilize Amazon Alexa and Google Assistant to control everything via voice commands to enjoy truly intelligent life.

Download on the App Store

GET IT ON Google Play

Scan the QR code to download TP-Link Tether.

Robust Security

· HomeShield – TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.*

· Parental Controls – Manage online time and block inappropriate content to control your family's digital habits.

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

· Advanced WPA3 Encryptions – The latest WiFi security protocol, WPA3, brings new capabilities to improve cybersecurity in personal networks.**

· Access Control – Establishes an allow list or deny list to allow or restrict certain devices to access the internet.

Value-Added Features

· VPN Clients and Server Supported – With VPN client support, Archer GE400 allows specified devices in your home network to access remote VPN servers without needing to install VPN software on every device.

· USB Ports – Connect external storage devices to rapidly share files, photos, and videos.

· Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network.

· More Values – Advanced functions like IPTV, IPv6 compatibility, and Access Point mode bring more values.

Specifications

Wireless

- Standards: IEEE 802.11be/ax/ac/n/a 5 GHz, IEEE 802.11be/ax/n/g/b 2.4 GHz
- WiFi Speeds: 5 GHz: 5765 Mbps (802.11be) + 2.4 GHz: 688 Mbps (802.11be)[†]
- WiFi Range: 6×High-Performance Antennas with Optimized Layout
- WiFi 7 Features: Multi-Link Operation (MLO), 4K-QAM, and Multi-RUs[‡]
- Working Modes: Router Mode, Access Point Mode

Hardware

- Ethernet Ports: 1×2.5 Gbps WAN Port + 1×2.5 Gbps LAN Port + 3×1 Gbps LAN Ports[§]
- USB Support: 1× USB 3.0 Port
- Buttons: Power On/Off Button, Reset Button, WPS/Wi-Fi Button, LED Button
- Antennas: 6×High-Performance Antennas with Optimized Layout

Physical

- Dimensions: 10.6×6.0×2.3 in (268.6×153.1×58.6 mm)
- Package Contents:

  Wi-Fi 7 Gaming Router Archer GE400

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

Security

- WiFi Encryption: WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
- Network Security: SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway, HomeShield Security
- Guest Network:
  5GHz Guest Network, 2.4 GHz Guest Network
- VPN Server: OpenVPN, PPTP, L2TP VPN Server, Wireguard VPN
- VPN Client: OpenVPN, PPTP, L2TP VPN Client, Wireguard VPN

Software

- Protocols: IPv4, IPv6
- Service Kits: HomeShield
- EasyMesh: Supported
- Parental Controls: HomeShield Parental Controls
- WAN Types: Dynamic IP, Static IP, PPPoE, PPTP, L2TP
- Quality of Service: QoS by Device
- Cloud Service: Auto Firmware Upgrade, TP-Link ID, DDNS
- NAT Forwarding: Port Forwarding, Port Triggering, DMZ, UPnP
- DDNS: TP-Link, NO-IP, DynDNS
- Gaming Features: Game Statistics, Game Panel (Network Status, Router Performance, RGB settings, Accelerated Games and Gears), Game Port Forwarding
- Gaming Acceleration: Game Application Boost with QoS, Accelerate Game Devices with Gaming Port, Game Servers Acceleration by Gamers Private Network, Mobile Game Acceleration

Specifications

Test Data

· WiFi Transmission Power:

FCC: ≤ 30 dBm (2.4 GHz), ≤ 30 dBm (5 GHz)

CE: ≤20dBm EIRP (2.4GHz); ≤23dBm EIRP (5.17GHz~5.35GHz); ≤ 30dBm EIRP (5.47GHz~5.725GHz)

· WiFi Reception Sensitivity:

2.4 GHz:

11ax HE20 MCS0: -97dBm, 11ax HE20 MCS11: -68dBm

11ax HE40 MCS0: -95dBm, 11ax HE40 MCS11: -66dBm

11be EHT20 MCS13:-61dBm,11be EHT40 MCS13:-59dBm

5 GHz:

11ax HE20 MCS0:-96dBm, 11ax HE20 MCS11:-66dBm

11ax HE40 MCS0:-94dBm, 11ax HE40 MCS11:-64dBm

11ax HE80 MCS0:-91dBm, 11ax HE80 MCS11:-61dBm

11ax HE160 MCS0:-88dBm, 11ax HE160 MCS11:-58dBm

11be EHT20 MCS13:-59dBm,11be EHT40 MCS13:-57dBm

11be EHT80 MCS13:-55dBm,11be EHT160 MCS13:-52dBm

Other

· System Requirements:

Microsoft Edge, Firefox, Chrome, Safari, or other JavaScript-enabled browser

*You are recommended to use the latest version

Cable or DSL Modem (if needed)

Subscription with an internet service provider (for internet access)

· Certifications: FCC, CE, RoHS

· Environment:

Operating Temperature: 0℃~40℃ (32℉~104℉)

Operating Humidity: 10%~90% non-condensing

For more information, please visit

https://www.tp-link.com/products/details/?model=Archer+GE400_V1

or scan the QR code left