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› TP-Link Archer BE6500 Dual-Band Wi-Fi 7 Router Instruction Manual

TP-Link Archer BE400

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Model: Archer BE400

Upgrade Your Home Network With Wi-Fi 7



Image: Front view of the TP-Link Archer BE6500 Dual-Band Wi-Fi 7 Router with its six antennas extended.

1. INTRODUCTION

The TP-Link Archer BE6500 Dual-Band Wi-Fi 7 Router (Archer BE400) is designed to provide fast, reliable, and secure wireless connectivity for your home network. Featuring the latest Wi-Fi 7 technology, it offers enhanced speeds, wider

coverage, and advanced security features to support a multitude of connected devices.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your router, ensuring you get the most out of its capabilities.



Image: Overview of Wi-Fi 7 technology highlighting 5764 Mbps on 5GHz band and 688 Mbps on 2.4GHz band, Multi-Link Operation, 4K-QAM, and Multi-RUs.

2. PACKAGE CONTENTS

Before you begin, please verify that your package contains the following items:

- Wi-Fi 7 Router Archer BE400
- 1 * RJ45 Ethernet Cable
- 1 * Power Adapter
- 1 * Quick Installation Guide (QIG)

THANK YOU FOR VOTING

TP-Link #1

Our commitment to our customers is to provide the best products, best service and the best value.



Winner: Overall Routers, Standalone Routers, and Mesh Systems



Winner: Work from Home Routers and Work from Home Mesh Systems

Image: Contents of the TP-Link Archer BE6500 router box, including the router, power adapter, and Ethernet cable.

3. SETUP GUIDE

3.1 Hardware Connection

1. **Unplug your modem:** Power off your modem and remove any backup battery if it has one.
2. **Connect the router:** Connect the powered-off modem to the router's **2.5 Gbps Internet port** using the provided Ethernet cable.
3. **Power on the modem:** Wait approximately 2 minutes for the modem to restart.
4. **Power on the router:** Connect the power adapter to the router and press the **On/Off** button to turn it on.
5. **Verify connection:** Check the LEDs on the router. The Power LED should be solid on, 2.4GHz and 5GHz Wi-Fi LEDs should be solid on, and the Internet LED should be solid on.

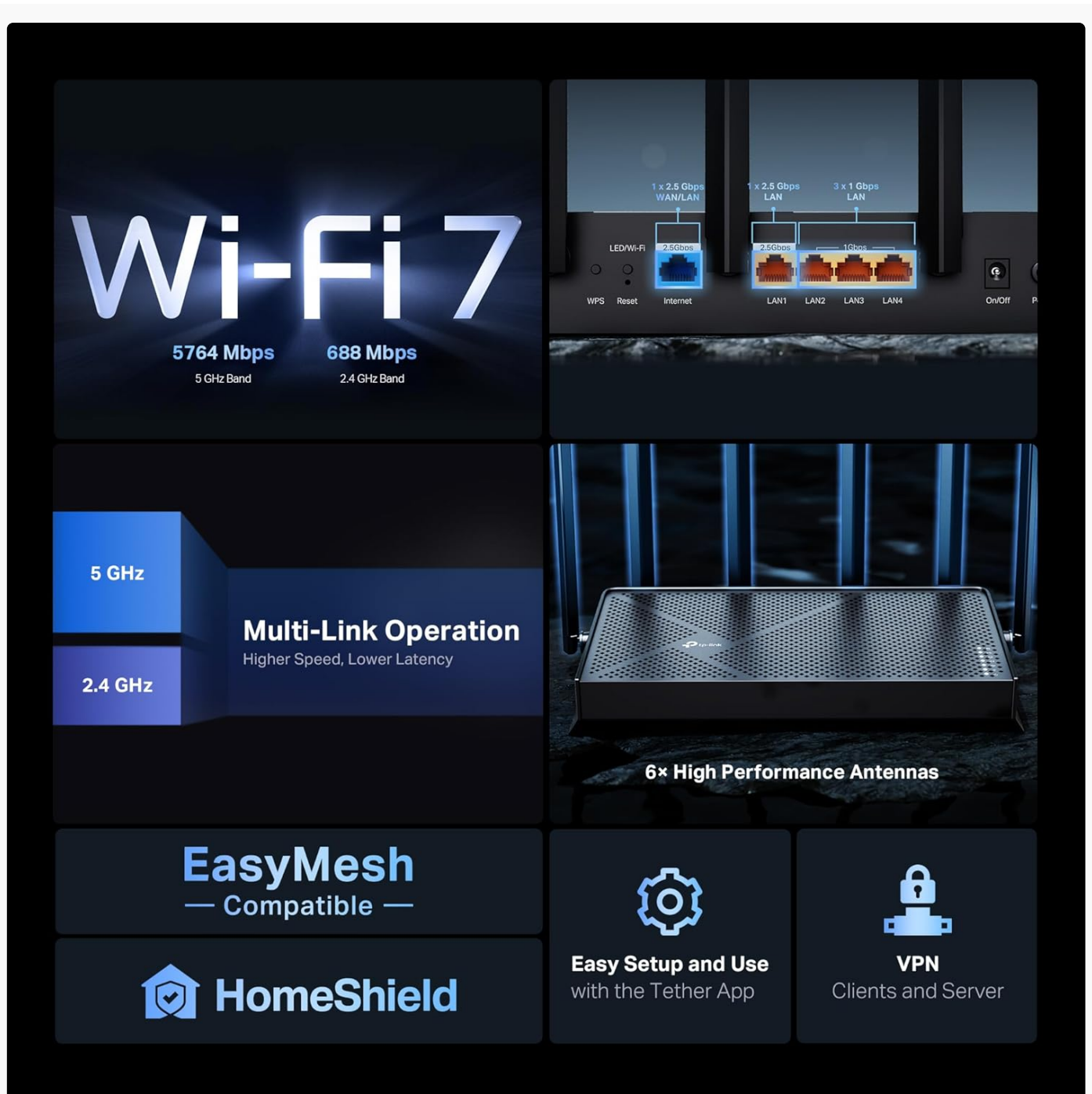


Image: Rear view of the TP-Link Archer BE6500 router, showing the 2.5 Gbps WAN/LAN port, 2.5 Gbps LAN port, and 1 Gbps LAN ports.

3.2 Network Setup (Via Tether App - Recommended)

1. **Download the Tether App:** Scan the QR code below or search for "TP-Link Tether" on the App Store (iOS) or Google Play (Android).



[Download Tether App](#)

2. **Open and Log In:** Open the Tether app and log in with your TP-Link ID. If you don't have one, create one first.
3. **Add Router:** Tap the "+" button in the Tether app and select "Wireless Router" > "Standard Routers". Follow the on-screen instructions to complete the setup and connect to the internet.

Alternatively, you can set up the network via a web browser by launching a web browser and entering <http://tplinkwifi.net> or <http://192.168.0.1> in the address bar. Create a password to log in and follow the step-by-step instructions.



Your Security is Our Priority

With TP-Link HomeShield, enjoy advanced security that protects your family and network's privacy and data.⁷

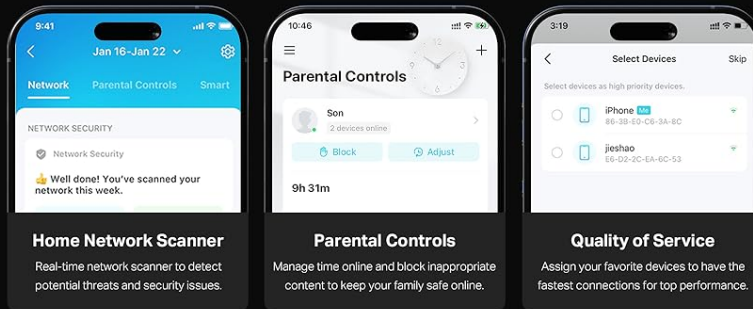


Image: Screenshot of the TP-Link Tether app showing network status, firmware updates, parental controls, and block user features.

4. OPERATING YOUR ROUTER

4.1 Key Features

- **Lightning-Fast Speeds:** Up to 5764 Mbps on the 5GHz band and 688 Mbps on the 2.4GHz band, enabling seamless 4K/8K streaming, AR/VR gaming, and fast downloads.
- **Wi-Fi 7 Multi-Link Operation (MLO):** Simultaneously transfers data across frequency bands for enhanced throughput, lower latency, and improved reliability.
- **2.5G Multi-Gig Connectivity:** Equipped with 1x 2.5 Gbps WAN/LAN port, 1x 2.5 Gbps LAN port, and 3x 1 Gbps LAN Ports for high-speed wired connections.
- **Far-Reaching Coverage:** Six high-performance antennas with Beamforming technology provide up to 2,400 sq. ft. of coverage for up to 90 devices.
- **Ultra-Smooth Wi-Fi:** Optimized for low latency, ideal for lag-free gaming and real-time applications.

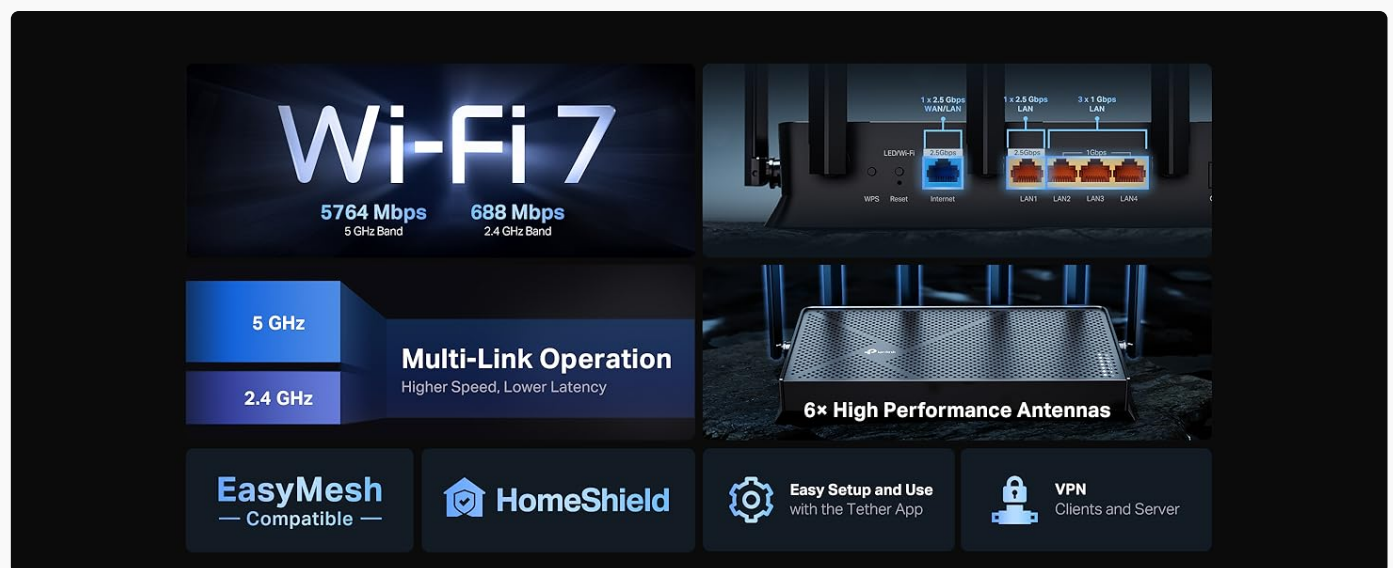


Image: Visual representation of Wi-Fi 7 features, including speed capabilities on different bands and Multi-Link Operation.

4.2 Expanding Wi-Fi Coverage with EasyMesh

The Archer BE400 is EasyMesh-compatible, allowing you to easily create a Mesh network by pairing it with any EasyMesh-compatible Wi-Fi router or range extender. This provides seamless whole-home coverage, eliminating dead zones and ensuring strong connections throughout your property.



Image: Diagram illustrating EasyMesh coverage across two floors, showing elimination of dead zones and smart roaming.

4.3 VPN Client and Server Support

The Archer BE400 supports VPN clients and servers, enabling your home devices to access remote VPN servers without needing individual VPN software installations. It supports simultaneous VPN and regular internet connections for enhanced security and flexibility.

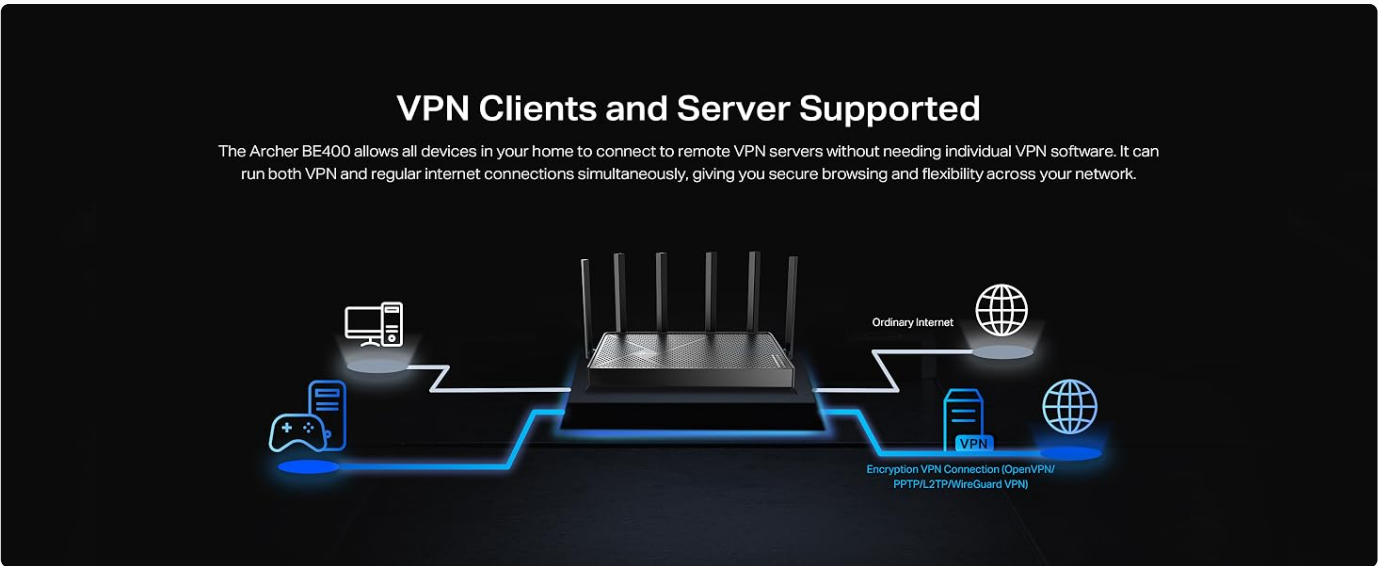


Image: Diagram showing VPN client and server support, allowing devices to connect to remote VPN servers.

5. MAINTENANCE AND SECURITY

5.1 TP-Link HomeShield

TP-Link HomeShield provides comprehensive home network protection, robust parental controls, and real-time IoT security. Key features include:

- **Network Protection:** Detects cyber threats and keeps connected devices well protected.

- **Parental Controls:** Manage online time and block inappropriate content.
- **Quality of Service (QoS):** Prioritize your bandwidth needs for optimal performance.
- **Comprehensive Reports:** Gain full statistics and insights into your home network behavior.

Note: Advanced HomeShield features may require a paid subscription. Visit tp-link.com/homeshield for details.

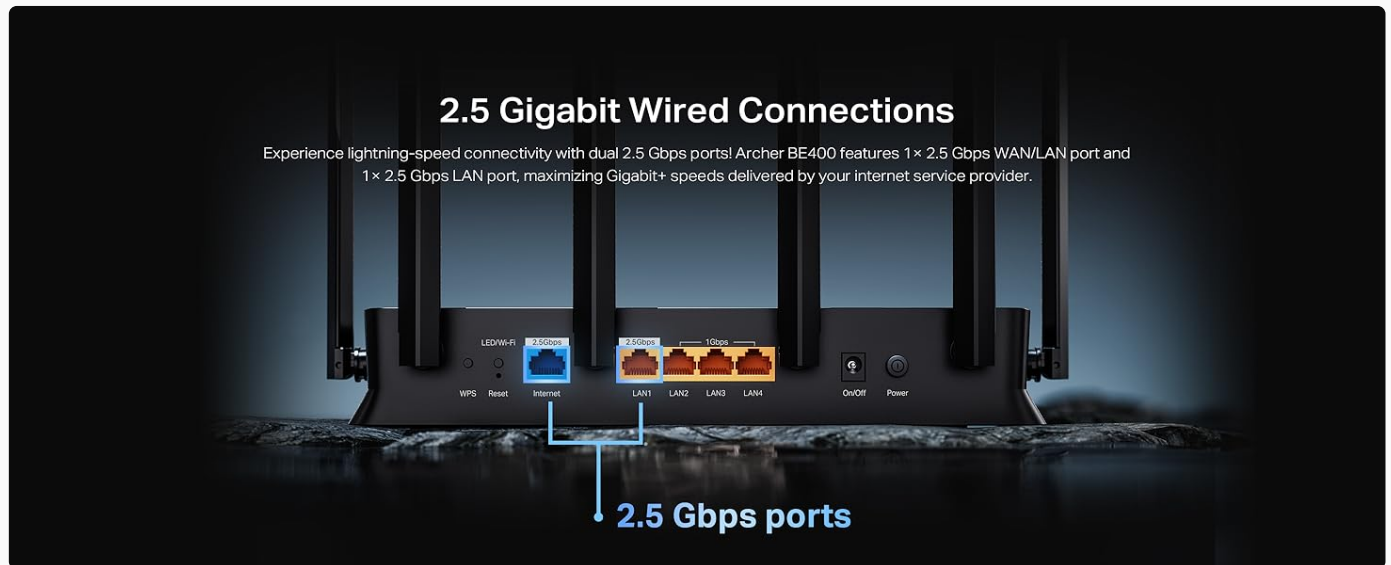


Image: Screenshots of the HomeShield app interface showing network security, parental controls, and quality of service settings.

5.2 Private IoT Network

Enhance the security of your home network by setting up a separate Wi-Fi SSID for IoT devices. This feature, combined with advanced WPA3 encryption, reduces the risk of unauthorized access to sensitive data or devices.

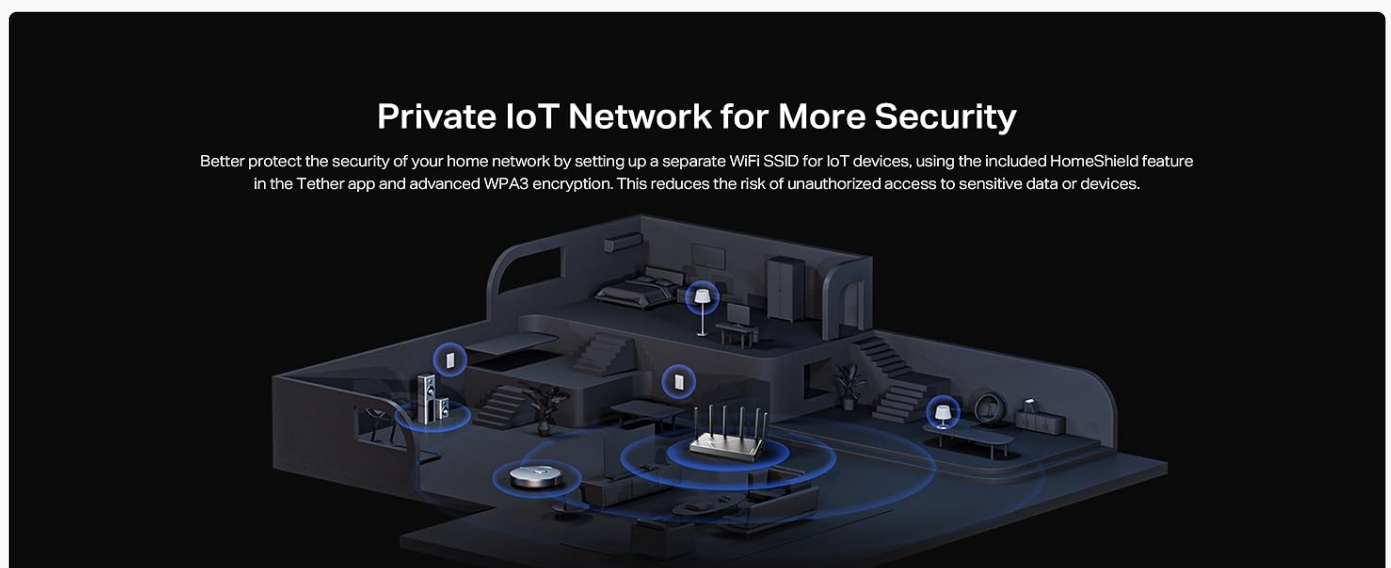


Image: Illustration of a home network with a separate Wi-Fi SSID for IoT devices, enhancing security.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **Cannot access the web management page:**
 - Reboot your router and try again.

- If your computer is set to a static IP, change its settings to obtain an IP address automatically.
 - Verify that <http://tplinkwifi.net> is correctly entered in the web browser. Alternatively, enter <http://192.168.0.1> or <http://192.168.1.1>.
 - Disable and enable the network adapter in use.
- **Cannot access the internet:**
 - Power off your modem for about 5 minutes, then power it on and check the internet. If your modem has more than one Ethernet port, keep the other ports unconnected.
 - Check if the internet is working normally by connecting a computer directly to the modem via an Ethernet cable. If it is not, contact your internet service provider.
 - Log in to the web management page, and go to the Network Map page to check whether the internet IP address is valid or not. If it's valid, go to Advanced > Network > Internet, click Advanced Settings, select Use the following DNS addresses, set the primary DNS to 8.8.8.8 and the secondary DNS to 8.8.4.4. If not, check the hardware connection or contact your internet service provider.
- **Forgot wireless password:**
 - If you have not changed the default wireless password, it can be found on the label at the bottom of the router.
 - Connect a computer directly to the router using an Ethernet cable. Log in to the router's web management page to retrieve or reset the password.
- **Forgot web management page password:**
 - If you are using a TP-Link ID to log in, click Forgot Password on the login page and then follow the instructions.
 - Alternatively, press and hold the Reset button for about 10 seconds until the Power LED blinks. Then visit <http://tplinkwifi.net> to create a new login password.

6.2 Optimizing Wi-Fi Performance

- Don't place your router in a corner or closet.
- Avoid obstacles and high-powered appliances.
- Keep your router in a central location at a certain height.
- Keep the antennas upright when the router is placed on a desktop. Keep the antennas upright when the router is hanging on a wall.

7. SPECIFICATIONS

Feature	Description
Wireless Speeds	5764 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
Ports	1x 2.5 Gbps WAN/LAN Port, 1x 2.5 Gbps LAN Port, 3x 1 Gbps LAN Ports, 1x USB 3.0 Port
Antennas	6x High-Performance Antennas with Beamforming
Dimensions	10.6 x 6.0 x 1.9 inches (268.6 x 153.0 x 47.6 mm)
Security	HomeShield, WPA3, IoT Network, Guest Network
Wi-Fi 7 Features	Multi-Link Operation (MLO), 4K-QAM, Multi-RUs

Compatible Devices	Gaming Console, Security Camera, Personal Computer, Smart Television, Smartphone
Power Supply	12V 2.5A

8. WARRANTY AND SUPPORT

TP-Link is committed to providing the best products and support. For technical support, replacement services, user guides, and other information, please visit tp-link.com/support. You can also call **866-853-4942** for free expert help with setup, optimization, and security of your TP-Link router.

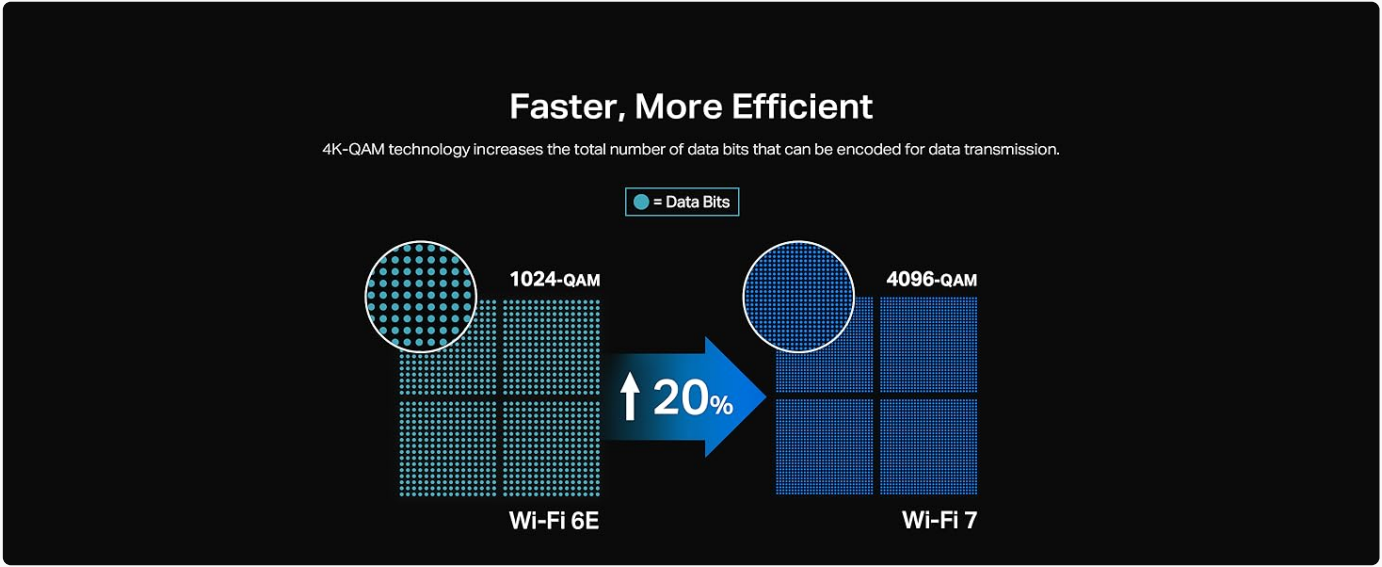


Image: A person wearing a headset, representing expert support, with the TP-Link router in the background.

9. OFFICIAL PRODUCT VIDEO

Watch the official product video for an overview of the TP-Link Archer BE6500 Dual-Band Wi-Fi 7 Router's features and capabilities.

Your browser does not support the video tag.

Video Description: This video provides a concise overview of the TP-Link Archer BE6500 Dual-Band Wi-Fi 7 Router, highlighting its advanced features like Wi-Fi 7 technology, Multi-Link Operation, 2.5 Gbps ports, and EasyMesh compatibility. It showcases the router's design and its benefits for a modern home network, including seamless streaming, gaming, and overall connectivity.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question