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› [TP-Link AXE5400 WiFi 6E USB Adapter for Desktop PC \(Archer TXE70UH\) User Manual](#)

## TP-Link Archer TXE70UH

# TP-Link AXE5400 WiFi 6E USB Adapter

MODEL: ARCHER TXE70UH USER MANUAL

### Product Overview

The TP-Link Archer TXE70UH is an advanced Tri-Band WiFi 6E USB Adapter designed to provide high-speed, low-latency wireless connectivity for desktop PCs. It leverages the latest Wi-Fi 6E technology, including the 6 GHz band, to deliver superior performance for demanding applications such as gaming, 4K/8K streaming, and virtual reality. With USB 3.0 connectivity, it ensures rapid data transfer, and its plug-and-play setup simplifies installation.





The Archer TXE70UH USB Adapter in its cradle, ready for desktop use.

## Package Contents

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Verify that all items are present in your product package:

- AXE5400 Wi-Fi 6E High Gain Wireless USB Adapter Archer TXE70UH
- Quick Installation Guide
- USB 3.0 Cradle

## Installation and Setup

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### System Requirements

- Operating System: Windows 11 or Windows 10 (64-bit recommended).
- A free USB 3.0 port is recommended for optimal performance.
- Note: To utilize the 6GHz Wi-Fi band, your system must be running Windows 11.

### Connecting the Adapter

1. Ensure your computer is powered on.

2. Connect the Archer TXE70UH adapter directly into an available USB 3.0 port on your desktop PC, or use the provided USB 3.0 cradle for flexible placement.
3. The adapter is designed for plug-and-play functionality, with drivers pre-loaded for simple installation.

## Better Efficiency and Minimized Lag on Busy Networks

MU-MIMO improves the throughput and efficiency of your entire network when using a compatible MU-MIMO router.



MU-MIMO Router



MU-MIMO Router

Connect the Archer TXE70UH to a USB 3.0 port for superior transfer speeds.

### Flexible Placement

The included 1.2-meter USB 3.0 cradle allows you to position the Archer TXE70UH away from your computer, optimizing signal reception and ensuring the best possible wireless performance. Place the adapter in an open area, free from obstructions, for maximum coverage.



## Flexible Deployment

Choose the best spot for ideal network reception

Utilize the USB cradle for flexible deployment and improved network reception.

### Operating Your Wi-Fi Adapter

#### Tri-Band Wi-Fi 6E Performance

The Archer TXE70UH operates across three distinct Wi-Fi bands: 6 GHz, 5 GHz, and 2.4 GHz, providing a combined speed of up to 5400 Mbps. The 6 GHz band, exclusive to Wi-Fi 6E, offers a clean, uncongested spectrum for devices running Windows 11, delivering unparalleled speeds and ultra-low latency. The 5 GHz band provides high speeds for most modern devices, while the 2.4 GHz band offers broader coverage and compatibility with older devices.

- **6 GHz Band:** Up to 2402 Mbps (Requires Windows 11)
- **5 GHz Band:** Up to 2402 Mbps
- **2.4 GHz Band:** Up to 574 Mbps

# Wi-Fi 6E with Powerful Tri-Band Speeds



Please note that 6GHz Wi-Fi only works in Windows 11.

Experience powerful tri-band speeds across 6GHz, 5GHz, and 2.4GHz bands.

## Enhanced Network Efficiency (MU-MIMO & OFDMA)

The adapter incorporates MU-MIMO (Multi-User, Multiple-Input, Multiple-Output) and OFDMA (Orthogonal Frequency Division Multiple Access) technologies to significantly improve network throughput and efficiency. MU-MIMO allows the adapter to communicate with multiple devices simultaneously, reducing wait times. OFDMA enables multiple devices to share a single data stream, further optimizing bandwidth usage and reducing latency, especially in busy network environments.

# Better Efficiency and Minimized Lag on Busy Networks

MU-MIMO improves the throughput and efficiency of your entire network when using a compatible MU-MIMO router.



MU-MIMO Router



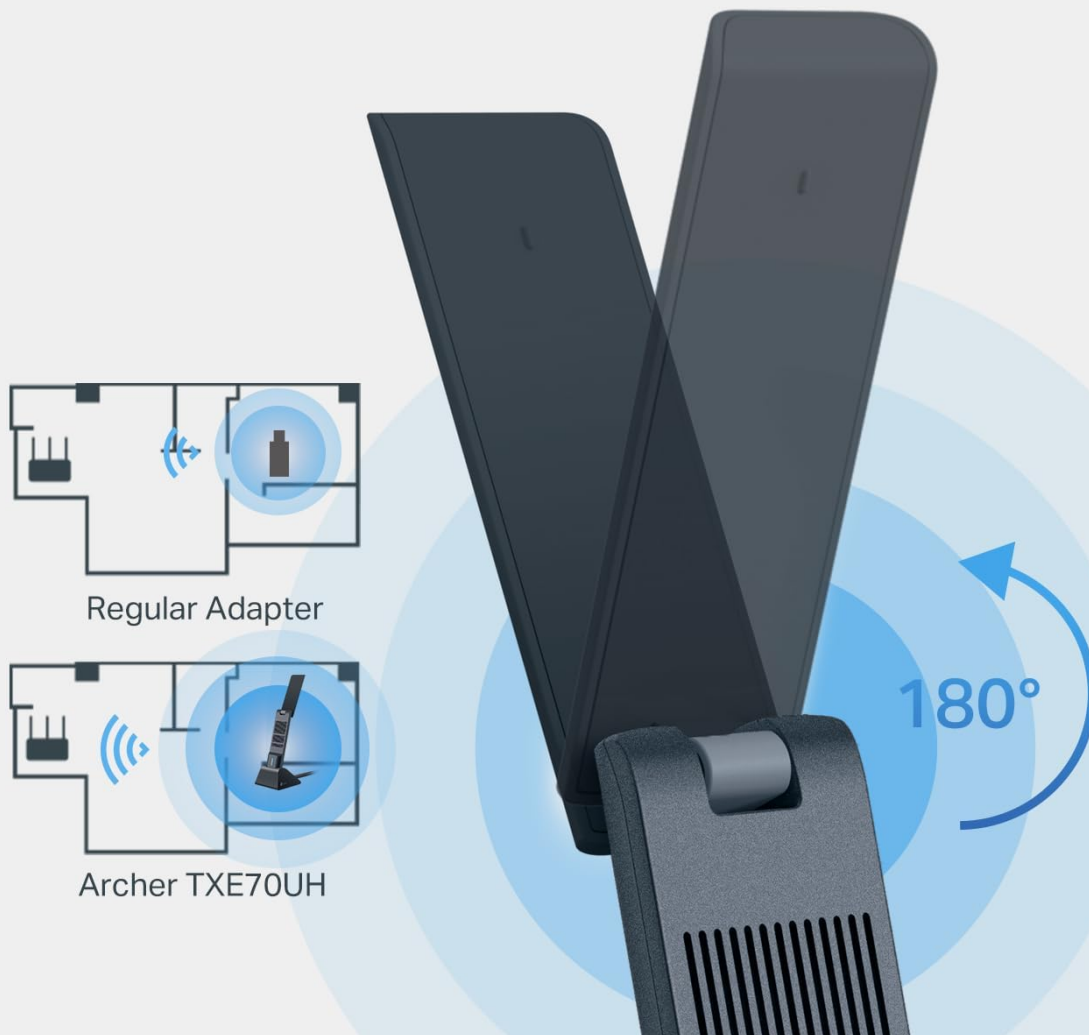
MU-MIMO Router

MU-MIMO and OFDMA technologies work together to minimize lag and improve network efficiency.

## Optimized Range and Signal

Equipped with dual-band high-gain antennas and Beamforming technology, the Archer TXE70UH focuses Wi-Fi signals towards your device, improving signal quality, range, and transmission performance. This results in a more stable and reliable connection, even at greater distances from your router.

# Greater Coverage and Stability with Adjustable High-Gain Antennas



Adjustable high-gain antennas provide greater coverage and stability.

## Advanced Security (WPA3)

The Archer TXE70UH supports WPA3, the latest Wi-Fi security protocol. WPA3 provides enhanced encryption and protection for your personal password safety, safeguarding your network from brute-force attacks and ensuring your data remains secure.

## Maintenance

- **Driver Updates:** Periodically check the TP-Link official website for the latest drivers to ensure optimal performance and compatibility.
- **Physical Care:** Keep the adapter and cradle clean and free from dust. Avoid exposing the device to extreme temperatures or humidity.
- **Proper Handling:** When disconnecting, always grasp the adapter or USB connector, not the cable.

## Troubleshooting

Issue	Possible Solution
No Wi-Fi connection or intermittent connection.	<ul style="list-style-type: none"> <li>• Ensure the adapter is securely plugged into a USB port.</li> <li>• Verify that Wi-Fi is enabled in your operating system settings.</li> <li>• Try a different USB port, preferably a USB 3.0 port.</li> <li>• Restart your computer and router.</li> <li>• Update the adapter's drivers from the TP-Link website.</li> </ul>
Slow Wi-Fi speeds.	<ul style="list-style-type: none"> <li>• Ensure you are connected to the 5 GHz or 6 GHz band if your router supports it.</li> <li>• Position the adapter using the cradle for optimal signal reception.</li> <li>• Minimize physical obstructions between the adapter and your router.</li> <li>• Check for interference from other electronic devices.</li> <li>• Ensure your router's firmware is up to date.</li> </ul>
6GHz band not visible or connecting.	<ul style="list-style-type: none"> <li>• Confirm your operating system is Windows 11. The 6GHz band is only supported on Windows 11.</li> <li>• Ensure your Wi-Fi router supports Wi-Fi 6E and has the 6GHz band enabled.</li> <li>• Update the adapter's drivers.</li> </ul>

For further assistance, please visit the official TP-Link support website or contact their customer service.

## Technical Specifications

Feature	Detail
Model Number	Archer TXE70UH
Wi-Fi Standard	Wi-Fi 6E (802.11ax)
Frequency Bands	2.4 GHz, 5 GHz, 6 GHz (Tri-Band)
Data Transfer Rate	Up to 5400 Mbps (2402 Mbps on 6GHz, 2402 Mbps on 5GHz, 574 Mbps on 2.4GHz)
Hardware Interface	USB 3.0 (backward compatible with USB 2.0)
Antennas	Dual-band High-Gain Antennas with Beamforming
Wireless Security	WPA3, WPA2, WPA
Dimensions (Adapter)	4.4 x 1.2 x 0.58 inches (11.18 x 3.05 x 1.47 cm)
Item Weight	1.12 ounces (31.75 grams)
Compatible Devices	Desktop, Laptop
UPC	840030706158

## Warranty and Support

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TP-Link products come with a limited warranty. Please refer to the official TP-Link website or the warranty card included in your package for specific warranty terms and conditions applicable to your region.

**Legal Disclaimer:** Models' appearances and specifications are subject to change and will be updated accordingly. Product images are for reference only. Some features may require software upgrades or subscriptions. Actual network speed may be limited by factors such as the rate of the product's Ethernet WAN or LAN port, network cable capabilities, Internet service provider factors, and other environmental conditions.

For technical support, driver downloads, and additional resources, please visit the official TP-Link support portal:

[www.tp-link.com/us/support/](http://www.tp-link.com/us/support/)