tp-link

Wi-Fi 6

AX3000 High Gain Wireless USB Adapter

Arm Your PC with Wi-Fi 6 Technology

Archer TX50UH

Ultra-Fast Wi-Fi 6 Speed
2402 Mbps+574 Mbps†

Low-Latency Gaming
OFDMA and MU-MIMO supported‡

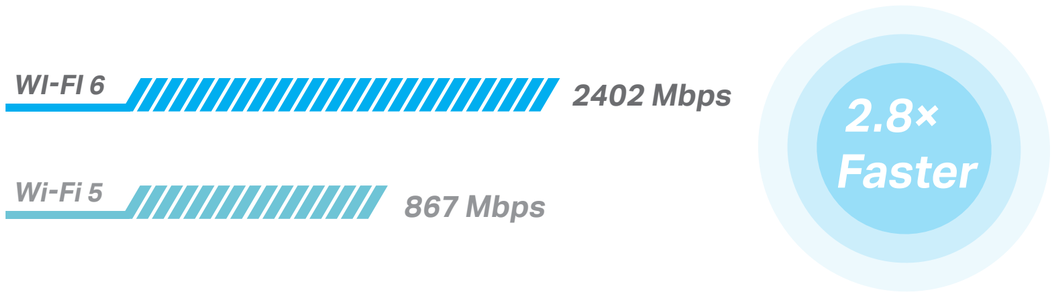
Easy Installation
Pre-Loaded Internal Driver

Refined Security
The Latest WPA3 Encryption△

Highlights

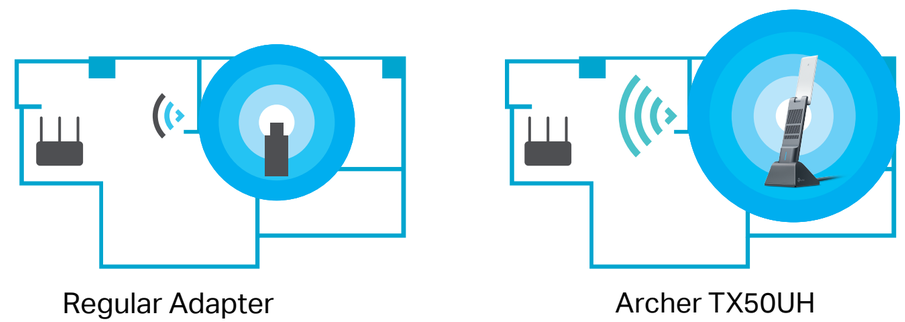
Arm Your PC with Wi-Fi 6 Technology

The latest Wi-Fi 6 standard guarantees extreme speeds, ultra-low latency, and uninterrupted connections. Archer TX50UH arms your PC with Wi-Fi 6 to ensure powerful, continuous signal reception, unlocking your Wi-Fi 6 router's full potential.†



Boost Wi-Fi Reception Range

High-gain antenna and detachable cradle with 1.2-meter cable, flexibly combines with Beamforming technology to concentrate Wi-Fi signal towards your router for better reception and reliable connections from far away.



Ultra-Low Latency

The revolutionary combo of OFDMA and MU-MIMO ensures the most efficient Wi-Fi connection for your PC, reducing latency for faster speeds.‡

Highly Secure WPA3

The latest encryption technology eliminates brute-force attacks and provides better security.△

Flexible Design

A detachable cradle with 1.2-meter USB 3.0 cable and adjustable multi-directional antenna design simply finding a spot for Archer TX50UH in your home.

Super Speed USB 3.0

Experience blazing-fast data transfers with USB 3.0 — the latest USB connectivity standard which is 10x faster than USB 2.0.

Specifications

WLAN Features

- Wireless Standards:
  IEEE 802.11ax/ac/n/a 5 GHz,
  IEEE 802.11ax/n/g/b 2.4 GHz
- Signal Rate:

  5 GHz

  11ax: Up to 2402Mbps(dynamic)

  11ac: Up to 1732Mbps(dynamic)

  11n: Up to 300 Mbps(dynamic)

  11a: Up to 54 Mbps(dynamic)

  2.4 GHz

  11ax: Up to 574 Mbps(dynamic)

  11n: Up to 400 Mbps(dynamic)

  11g: Up to 54 Mbps(dynamic)

  11b: Up to 11 Mbps(dynamic)
- Reception Sensitivity:

  5 GHz :

  11ac VHT 20M MCS: -93 dBm

  11ax HE 80M MCS11: -58 dBm

  11ax HE 160M MCS11: -64dBm

  2.4 GHz :

  11n HT20M MSC0: -96 dBm

  11ax HE40M MSC11: -65dBm
- Transmit Power:

  5 GHz: 22dBm(CE) (EIRP)

  2.4 GHz :19dBm(CE) (EIRP)
- Wireless Modes: Infrastructure mode
- Interface: USB 3.0
- Wireless Security: WEP, WPA/WPA2/WPA3, WPA-PSK/WPA2-PSK△
- Modulation Technology: DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM, 1024QAM

Specifications

Hardware

- Antennas: 2× High-Gain Dual-Band Antennas
- Dimensions: 30.5 × 14.8 ×111.7 mm (1.2 × 0.58 × 4.4 in)

Others

- Package Contents
  AX3000 High Gain Wireless USB Adapter Archer TX50UH
  Quick Installation Guide
  USB 3.0 Cradle
- Certification
  CE
- System Requirements
  Windows 10/11(64-bit) §
- Environment
  Operating Temperature: 0°C~40°C (32°F ~104°F)
  Operating Humidity: 10%~90% non-condensing
  Storage Humidity: 5%~90% non-condensing

Windows Compatible

For more information, please visit
https://www.tp-link.com/products/details/?model=Archer+TX50UH
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 , wireless coverage, and number of connected devices are not guaranteed and will vary as a result of network conditions, AP limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and AP location.
‡Use of Wi-Fi 6 (802.11ax), and features including OFDMA, MU-MIMO, 1024-QAM, or HE160 require APs to also support the corresponding features.
§Functionality of Archer TX50UH may be restricted on some operating systems and platforms. Please try to update the device's driver for feature compatibility.
△Use of WPA3 requires APs to also support the corresponding feature.