AX1800

Mini Wi-Fi 6 Wireless USB Adapter

Arm Your PC with Wi-Fi 6 Technology



Archer TX23U

- **Ultra-Fast Wi-Fi 6 Speed**
  1201 Mbps+574 Mbps†
- **Low-Latency Gaming**
  OFDMA and MU-MIMO supported‡
- **Easy Installation**
  Pre-Loaded Internal Driver
- **Superspeed USB 3.0**
  Blazing-fast data transfers

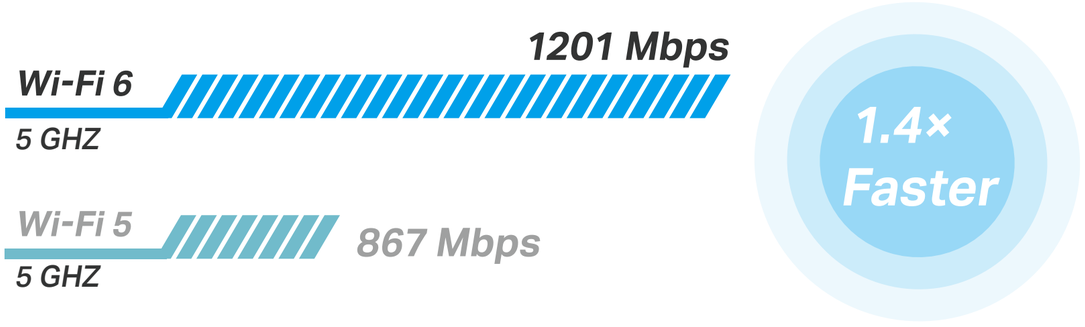
Highlights

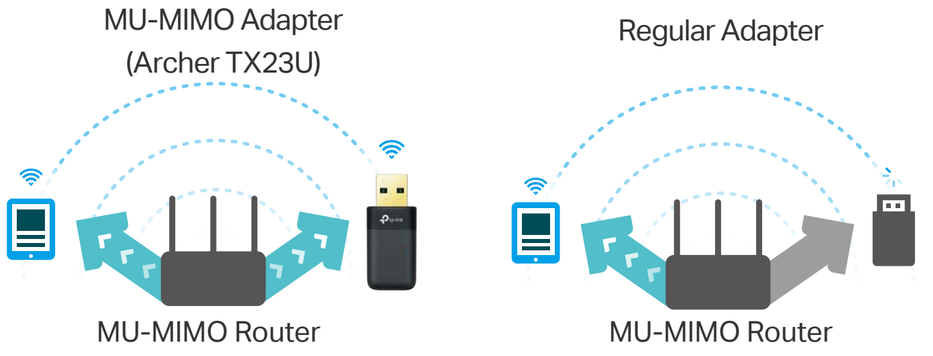
Arm Your PC with Wi-Fi 6 Technology

Archer TX23U 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

Works with MU-MIMO routers, which provide simultaneous data streams, boosting throughput and efficiency.‡





Features

Speed

- Fast Wi-Fi – 574 Mbps on 2.4 GHz and 1201 Mbps on 5GHz wireless speeds are ideal for HD streaming video, lag-free gaming and large file downloads
- OFDMA and MU-MIMO– The revolutionary combo of OFDMA and MU-MIMO ensures the most efficient Wi-Fi connection for your PC, reducing latency for faster speeds.‡
- 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.

Reliability

- Dual Band – Selectable 2.4 GHz and 5 GHz bands to avoid wireless signal interference
- Backwards Compatibility – Supports routers utilizing 802.11 a/b/g/n/ac/ax Wi-Fi standards

Ease of Use

- Easy Installation – Get rid off the physical CD driver with Archer TX23U built-in driver. Enjoy the simple and friendly adapter installation.

Design

- Miniature Design - Archer TX23U has a smart design that is tinier than a usual USB adapter. Not only could it be inserted into any USB port, but is quite easy to carry, which is convenient for most usage scenarios.

Security

- Active Defense – The latest security enhancements WPA3 provides enhanced protection in personal password safety§

Specifications

WLAN Features

- Wireless Standards: IEEE 802.11a/b/g/n/ac/ax
- Signal Rate:

  5 GHz:

  11ax: Up to 1201 Mbps(dynamic)

  11ac: Up to 867 Mbps(dynamic)

  11n: Up to 400 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:

  11ax HE80 MCS0: -90 dBm

  11ax HE80 MCS11: -59 dBm

  11a 54Mbps: -77 dBm

  11ac VHT80 MCS0: -92dBm

  11ac VHT80 MCS9: -64dBm

  2.4 GHz:

  11ax HE40 MCS0: -92 dBm

  11ax HE40 MCS11: -63 dBm

  11g 54Mbps: -89 dBm

  11n HT40 MCS9: -74dBm

- Transmit Power:

  5 GHz: 19dBm(FCC) /21.5dBm(CE) (EIRP)

  2.4 GHz : 19dBm(FCC) / 18.5dBm(CE) (EIRP)

- Wireless Modes: Infrastructure mode
- Wireless Security: WEP, WPA/WPA2/WPA3, WPA-PSK/WPA2-PSK[Δ]

Specifications

Hardware

- Dimensions: 19.4 × 7.9 × 43.9 mm (0.76 × 0.3 × 1.73 in)
- LED: Status
- Interface: USB 3.0

Others

- Package Contents

  AX1800 Mini Wi-Fi 6 Wireless USB Adapter Archer TX23U

  Quick Installation Guide

- Certification

  FCC, CE, RoHS

- System Requirements

  Windows 10/11 §

- 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+TX23U_V1

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, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

‡Use of Wi-Fi 6 and other features, including OFDMA and MU-MIMO, require your APs to also support the corresponding features.

§Use of WPA3 requires APs to also support the corresponding feature.

▵To ensure compatibility, you may need to update the adapter's drivers after an OS update. You can check full list of supported OS in the download center at tp-link.com/download-center.

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