AX1800 Dual Band Wi-Fi 6 Wireless USB Adapter

Boost Wireless Range

Archer TX20U

⊘ **Ultra-Fast Wi-Fi 6 Speed** | ⊙ **Low-Latency Gaming** | ⊘ **Easy Installation** | 🔒 WPA3 **Refined Security**
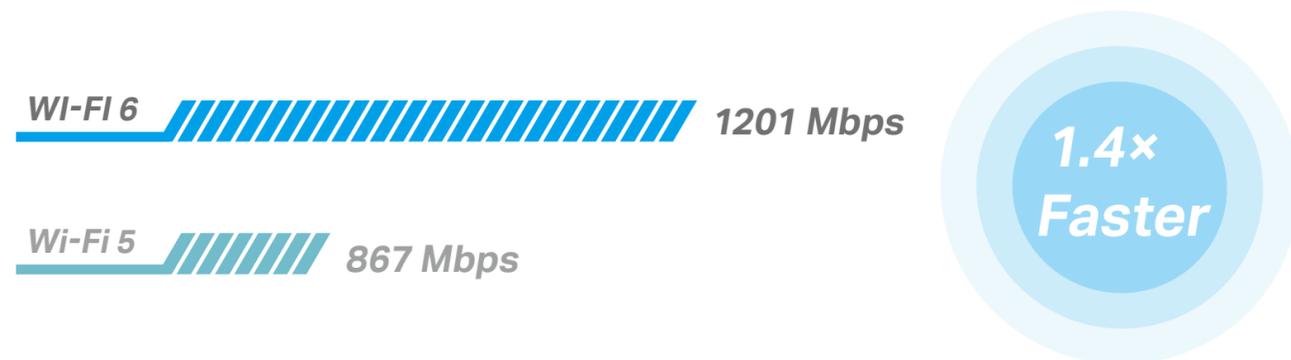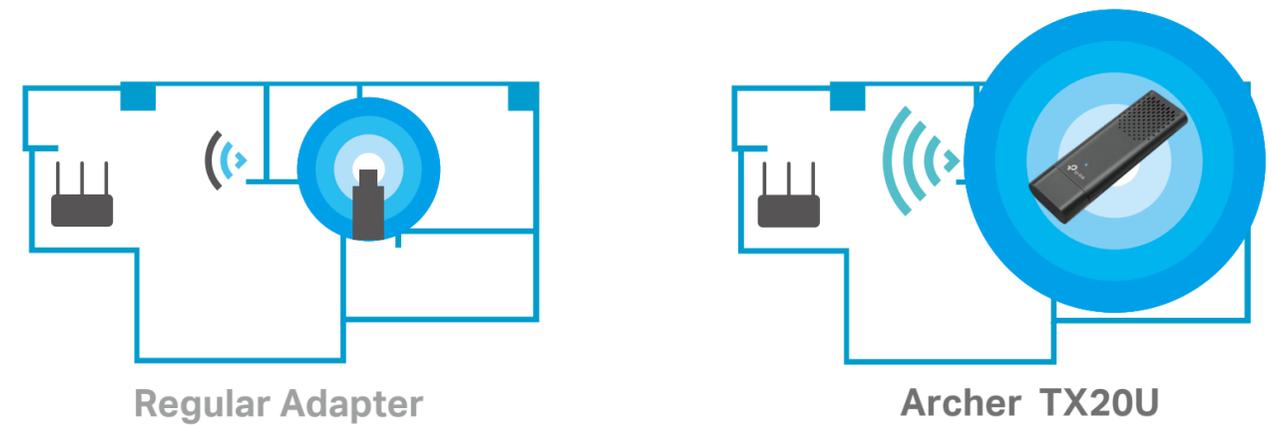
Highlights

Arm Your PC with Wi-Fi 6 Technology

The latest Wi-Fi 6 standard guarantees extreme speeds, ultra-low latency, and uninterrupted connections. Archer TX20U arms your PC with Wi-Fi 6 to ensure powerful, continuous signal reception, unlocking your Wi-Fi 6 router's full potential.[†]

WI-FI 6 1201 Mbps

Wi-Fi 5 867 Mbps

**1.4×
Faster**

Boost Wi-Fi Reception Range

The built-in high-performance antennas combine with Beamforming technology to concentrate the Wi-Fi signal towards your router for better reception and reliable connections for far away.

Regular Adapter

Archer TX20U

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.△

Easy Installation
Get rid of the physical CD driver with Archer TX20U built-in driver. Enjoy the simple and friendly adapter installation.

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

  5 GHz:

  11ax: Up to 1201 Mbps(dynamic)

  11ac: Up to 867 Mbps(dynamic)

  11n: Up to 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:

  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: -94 dBm

  11ax HE40 MCS11: -66 dBm

  11g 54Mbps: -79 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[△]

Specifications

Hardware

- **Antennas:** Dual-Band Antennas

- **LED:** Status

- **Dimensions:** 90.2 × 29.2 × 12.9 mm (3.55 × 1.15 × 0.51 in)

Others

- Package Contents

  AX1800 Dual Band Wi-Fi 6 Wireless USB Adapter Archer TX20U

  Quick Installation Guide

- Certification

  FCC, CE, RoHS

- System Requirements

  Supported operating systems include Windows 10, 11[§],

- Environment

  Operating Temperature: 0℃~40℃ (32°F ~104°F)

  Operating Humidity: 10%~90% non-condensing

  Storage Humidity: 5%~90% non-condensing

For more information, please visit

https://www.tp-link.com/en/home-networking/adapter/archer-tx20u/

or scan the QR code left