



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

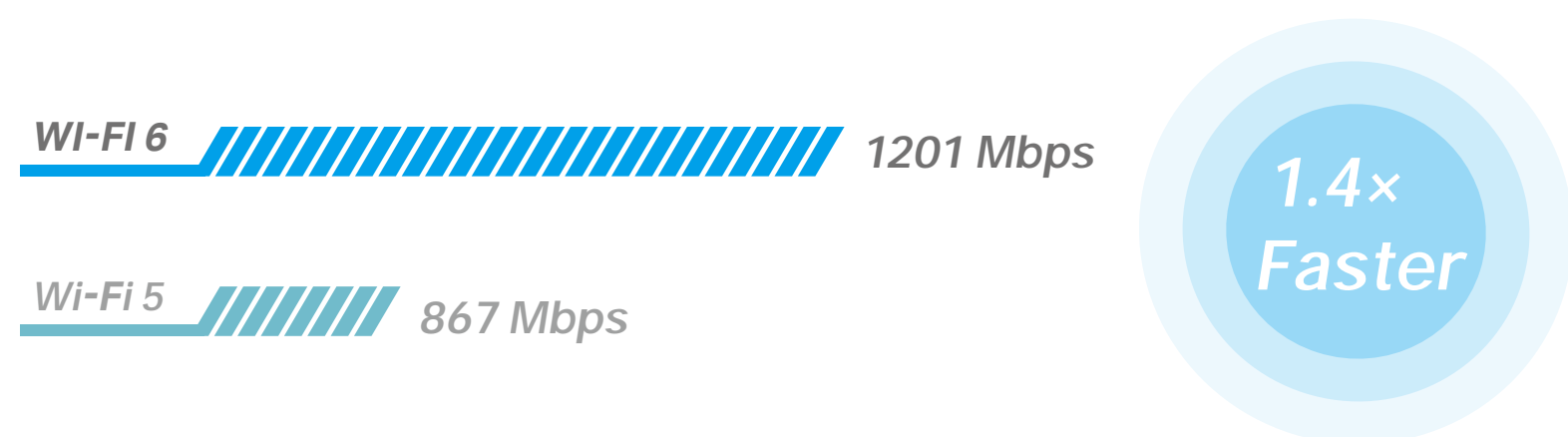


Refined Security

Highlights

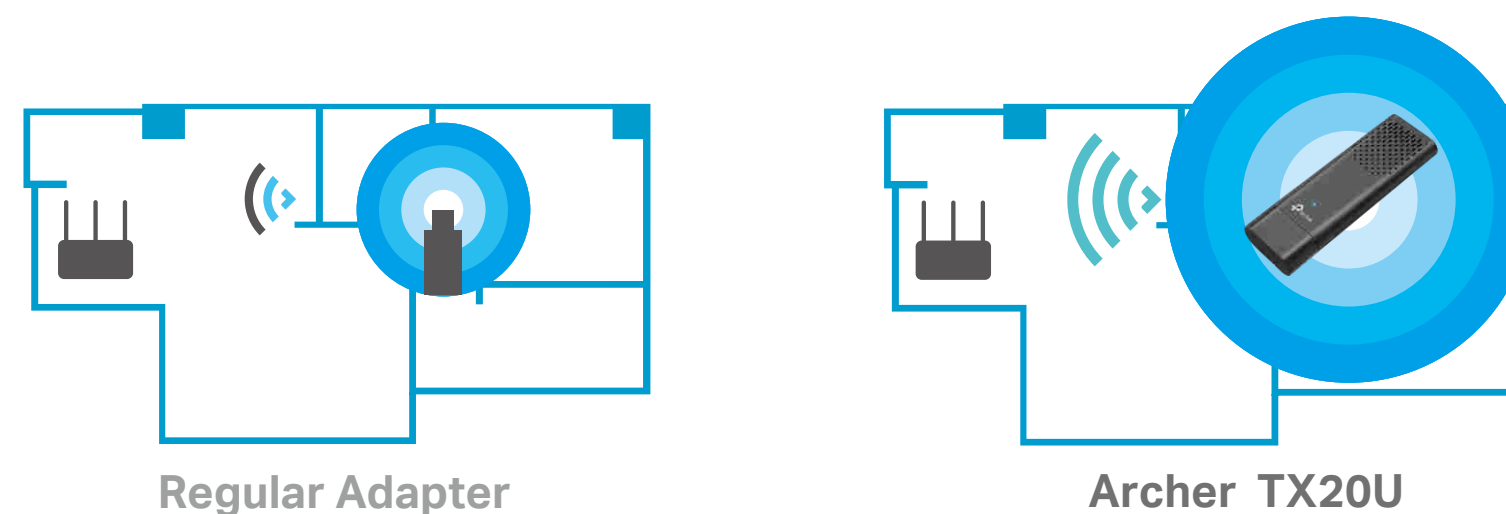
Arm Your PC with Wi-Fi 6 Technology

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.[†]



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.



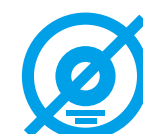
Ultra-Low Latency

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.^Δ



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 802.11 a/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°C~40°C (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

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¹Maximum 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.

¹Use of Wi-Fi 6 (802.11ax), and features including OFDMA, MU-MIMO, and 1024-QAM require APs to also support the corresponding features.

[§]Functionality of Archer TX20U 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.

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