



# AX900 Nano Wi-Fi 6 Bluetooth USB Adapter

Upgrade Your PC with Dual  
Band Wi-Fi and Bluetooth



Archer TX10UB Nano



600 Mbps on 5 GHz  
287 Mbps on 2.4 GHz<sup>†</sup>



Reliable Bluetooth 5.3  
Link to Your PC via Bluetooth



Advanced Security  
The Latest WPA3 Encryption<sup>Δ</sup>

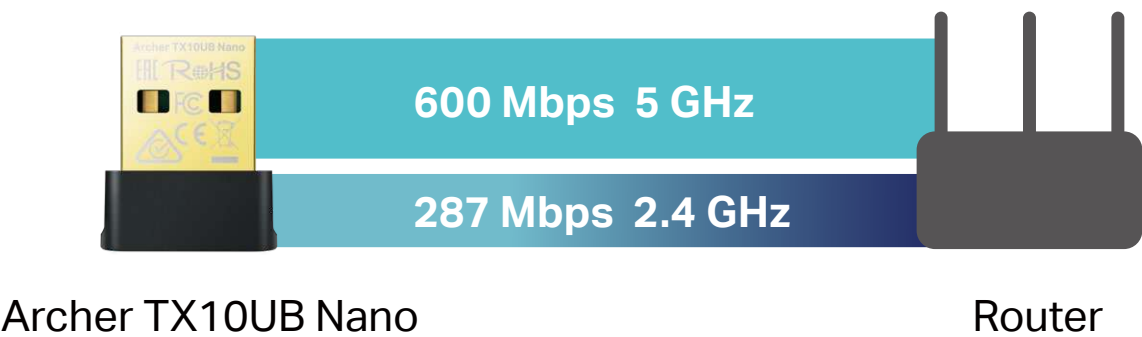


Easy Installation  
Pre-Loaded Internal Driver

# Highlights

## Arm Your PC with Wi-Fi 6 Technology

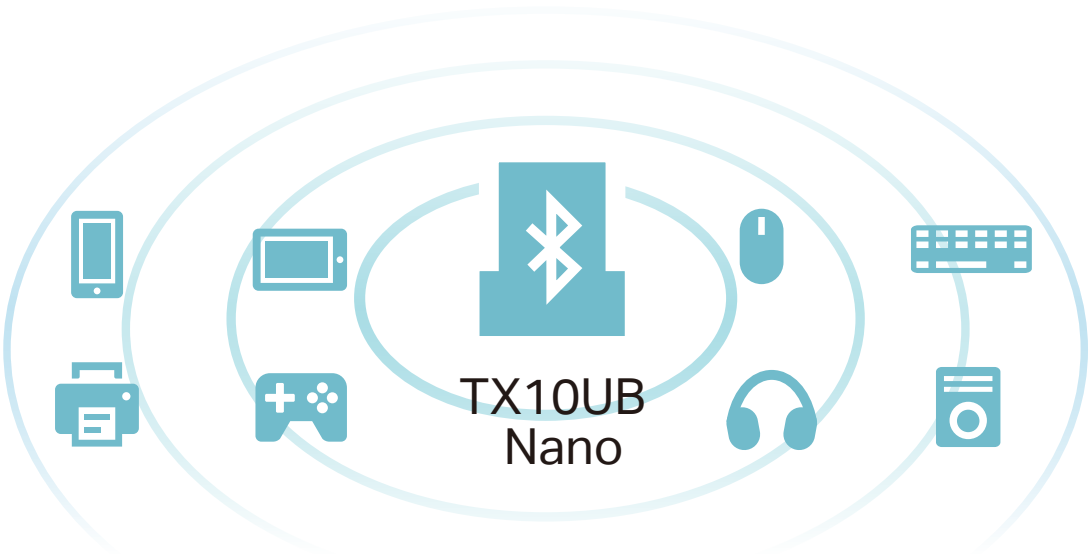
Archer TX10UB Nano arms your PC with Wi-Fi 6 to ensure powerful, continuous signal reception, unlocking your Wi-Fi 6 router's full potential.<sup>†</sup>



## Link to Your Computer via Bluetooth

TX10UB Nano turns Non-Bluetooth PC or laptop into Bluetooth-capable. Just connect your Bluetooth devices to your computer and enjoy it with ease.

### Bluetooth Wireless Connection



# Features



## Speed

- Fast Wi-Fi – 287 Mbps on 2.4 GHz and 600 Mbps on 5GHz wireless speeds<sup>†</sup>
- 802.11ax Support – Wi-Fi technology that is 1.4 times faster than 802.11ac<sup>†</sup>



## Design

- Nano design – Small, unobtrusive design allows you to plug it in and forget it is even there



## 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 Wi-Fi standards
- Versatile Wireless Connectivity – Enable wireless communication with Bluetooth-enabled computers, printers, phones, headsets, speakers, keyboards and more
- BLE Technology – Bluetooth Low Energy technology for energy-saving wireless connectivity



## Ease of Use

- Easy Installation – With the **Pre-Loaded Internal Driver**, just plug into your computer and play.
- Bluetooth 5.3 – Backward compatible with previously introduced Bluetooth devices



## Security

- Active Defense – WPA/WPA2/WPA3 encryption provides your Wi-Fi network with advanced protection against security threats<sup>^</sup>

# Specifications

## Wireless

- Wireless Standard: IEEE 802.11b/g/n/ax 2.4 GHz, IEEE 802.11a/n/ac/ax 5 GHz
- Frequency: 2.4 GHz, 5 GHz
- Signal Rate:
  - 5GHz
    - 11ax: Up to 600Mbps(dynamic)
    - 11ac: Up to 433Mbps(dynamic)
    - 11n: Up to 150Mbps(dynamic)
    - 11a: Up to 54Mbps(dynamic)
  - 2.4GHz
    - 11ax: Up to 287Mbps(dynamic)
    - 11n: Up to 200Mbps(dynamic)
    - 11g: Up to 54Mbps(dynamic)
    - 11b: Up to 11Mbps(dynamic)
- Reception Sensitivity
  - 5GHZ:
    - 11a6M: -94dBm
    - 11ax HE80 MCS11: -59dBm
    - 11ax HE80 MCS0: -87dBm
  - 2GHZ:
    - 11g6M: -95dBm
    - 11ax HE40 MCS11: -65dBm
    - 11ax HE40 MCS0: -93dBm



For more information, please visit  
<https://www.tp-link.com/en/support/download/archer-tX10ub-nano/>  
or scan the QR code left

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<sup>†</sup>Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and 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.

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

<sup>§</sup>To ensure compatilbty, you may need to update the adapter's drivers after an OS update. You can check the full list of supported operating systems in the download center at [tp-link.com/download-center](https://www.tp-link.com/download-center).

<sup>Δ</sup>Use of WPA3 requires AP to also support the corresponding feature.

<sup>\*</sup>Actual network speed may be limited by the rate of the product's USB port, PCI Express Interface, Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.

- Wireless Mode: Infrastructure Mode
- Wireless Security: WEP, WPA/WPA2/WPA3, WPA-PSK/ WPA2-PSK
- Modulation Technology: DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM, 1024-QAM

## Hardware

- Interface: USB 2.0
- LED: Status
- Dimensions: 0.76 × 0.62 × 0.29 in (19.2 × 15.7 × 7.4 mm)

## Others

- Package Contents
  - AX900 Nano Wi-Fi 6 Bluetooth 5.3 USB Adapter
  - Quick Installation Guide
- Certification
  - FCC, CE, RoHS
- System Requirements
  - Supported operating systems include Windows 11/10<sup>§</sup>
- Environment
  - Operating Temperature: 0°C~40°C (32°F ~104°F)
  - Operating Humidity: 10%~90% non-condensing