



# AC 450

## Wireless Nano USB Adapter

*Archer T1U*

### Highlights

- **Sleek miniature design** – So small that once plugged in, can be left in a computer's USB port
- **Less interference** – Utilizes clear 5GHz band to avoid wireless signal interference
- **Fast Wi-Fi** – Speedy wireless transmission at up to 433Mbps
- **Backward Compatibility** – With support for 802.11 a/n/ac standards
- **Advanced Security** – Supports 64/128 WEP, WPA/PA2, WPA-PSK/WPA2-PSK



433Mbps  
5GHz

# Features

## Speed

- Fast Wi-Fi – Speeds of up to 433Mbps at 5GHz band, ideal for video streaming and Internet calling
- 802.11ac Support – Wi-Fi technology that is 3 times faster than 802.11n

## Reliability

- Less interference – Utilizes clear 5GHz band to avoid wireless signal interference

## Ease of Use

- Backwards Compatibility – Supports routers utilizing 802.11 a/n/ac Wi-Fi standards
- Soft AP Mode – Turn your wired-connected PC or Laptop into a Wi-Fi hotspot

## Design

- Sleek miniature design – The Archer T1U is so small that once plugged in, can be left in a computer's USB port

## Security

- Active Defense – WPA/WPA2 encryption provides your Wi-Fi network with advanced protection against security threats

# Specifications

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## Wireless

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- **Wireless Standards:** IEEE 802.11ac/n/a 5GHz
- **Frequency:** 5GHz
- **Signal Rate:** 5GHz
  - 11ac: Up to 433Mbps(dynamic)
  - 11n: Up to 150Mbps(dynamic)
  - 11a: Up to 54Mbps(dynamic)
- **Transmit Power:** 5GHz: <21dBm (EIRP)
- **Reception Sensitivity:** 5GHz:
  - 11a: -68dBm
  - 11n HT20: -64dBm
  - 11n HT40: -61dBm
  - 11ac HT20: -59dBm
  - 11ac HT40: -54dBm
  - 11ac HT80: -51dBm
- **Wireless Modes:** Ad-Hoc / Infrastructure mode
- **Wireless Security:** Support 64/128 bit WEP, WPA-PSK/WPA2-PSK, 802.1x
- **Modulation Technology:** DBPSK, DQPSK, OFDM, 16-QAM, 64-QAM, 256-QAM

## Hardware

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- **Interface:** USB 2.0
- **LED:** Status
- **Dimensions (W x D x H):** 0.73 x 0.59 x 0.28 in. (18.6 x 15 x 7.1mm)
- **Antenna:** Internal

## Others

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### Package Contents

- AC450 Wireless Nano USB Adapter Archer T1U
- Resource CD
- Quick Installation Guide

### Certification

- CE, FCC, RoHS

### System Requirements

- Windows 8.1/8/7/XP 32/64bits

### Environment

- Operating Temperature: 0 ~40 (32 ~104 )
- Storage Temperature: -40 ~70 (-40 ~158 )
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

# Diagram

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**5GHz**  
433Mbps

A horizontal bar containing five white icons on a teal background: a video player, a game controller, a photo gallery, an envelope, and a browser 'e' logo.

# Others

## Ideal to use with



- AC1200 Wireless Dual Band Gigabit Router  
Archer C5



- AC750 Wireless Dual Band Gigabit Router  
Archer C2

## Similar Products



- AC600 High Gain Wireless Dual Band USB Adapter  
Archer T2UH



- AC600 Wireless Dual Band USB Adapter  
Archer T2U



For more information, please visit

<http://www.tp-link.com/en/products/details/?model=Archer+T1U>

or scan the QR code left

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Maximum wireless speed of up to 400Mbps is the theoretical data rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary due to network conditions and environmental factors including volume of network traffic, building materials and construction, network overhead, actual data throughput rate, and wireless coverage. TP-LINK makes no express or implied representations or warranties about this product's compatibility with any future standards. 5GHz Performance Mode requires 256 QAM support on Wi-Fi client.

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