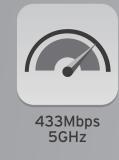




# AC 450 Wireless Nano USB Adapter Archer T1U

#### 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



## 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

#### Wireless

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)</li>

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

· 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

#### **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





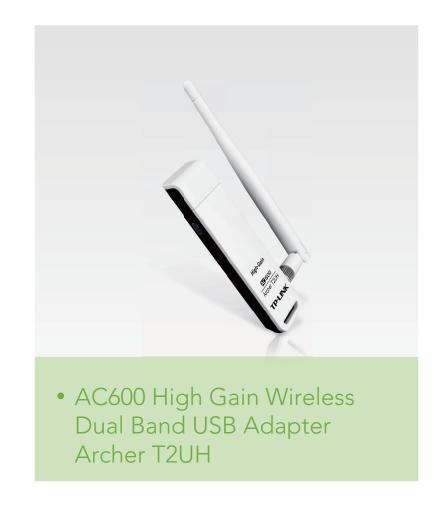
# Others

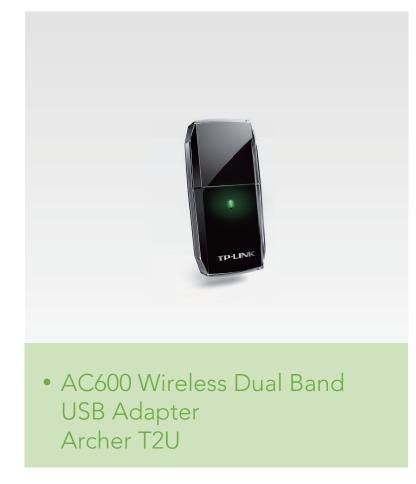
#### Ideal to use with





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Maximum wireless speed of up to 433Mbps 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. TP-LINK makes no express or implied representations or warranties about this product's compatibility with any future standards.

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