

# AC 1900

## Wireless Dual Band PCI Express Adapter

*Archer T9E*

### Highlights

- **Easy Installation** – Upgrade your desktop system easily by plugging the Archer T9E Wi-Fi adapter into an available PCI-E slot
- **Hi-Speed Wi-Fi** – Up to 1900Mbps Wi-Fi speeds (1300Mbps on 5GHz band or 600Mbps on 2.4GHz band)
- **802.11ac Dual Band** – 3 times faster than the 802.11n standard, perfect for hi-intensity network usage
- **Backward Compatibility** – With support for 802.11 a/b/g/n standards
- **Beamforming Technology** – Receives more directional Wi-Fi signals, improving speed and reliability
- **Ultimate Range** – 3 external antennas ensure a greater range of Wi-Fi connection and stability



Dual Band  
2.4G+5G



N600+  
AC1300



Beamforming  
Technology

# Features

## Speed

- Blazingly Fast Wi-Fi – Speeds of up to 1900Mbps with 1300Mbps at 5GHz or 600Mbps at 2.4GHz band, ideal for HD streaming, online gaming and large file downloads
- 802.11ac Support – Wi-Fi technology that is 3 times faster than 802.11n

## Wi-Fi Range

- Broad Wireless Range – 3 external antennas provide ultimate Omni-Directional wireless coverage, delivering a stable connection to your Wi-Fi network

## Reliability

- Reliable Connection – Archer T9E utilizes Beamforming technology to receive more directional Wi-Fi signals, enhancing the reliability of the wireless connection
- Heat Sink – Dissipates heat to help increase performance and improve stability
- Dual Band – Selectable 2.4GHz and 5GHz bands to avoid wireless signal interference

## Ease of Use

- Backwards Compatibility – Supports routers utilizing 802.11 a/b/g/n Wi-Fi standards
- Simple Installation – Simply slot the adapter into any free PCI-E socket in your desktop PC and connect to an available Wi-Fi network
- Easy Management – The bundled management utility offers easy administration to control your Wi-Fi network

## 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, IEEE 802.11b/g/n 2.4GHz
- **Frequency:** 2.4GHz or 5GHz
- **Signal Rate:** 1300Mbps at 5GHz, 600Mbps at 2.4GHz
- **Transmit Power:** <20dBm (EIRP)
- **Reception Sensitivity:** 5GHz:
  - 11a 6Mbps: -85dBm
  - 11a 54Mbps: -68dBm
  - 11ac HT20: -59dBm
  - 11ac HT40: -54dBm
  - 11ac HT80: -51dBm2.4GHz:
  - 11b 11Mbps: -80dBm
  - 11g 54Mbps: -68dBm
  - 11n HT20: -64dBm
  - 11n HT40: -61dBm
- **Wireless Modes:** Ad-Hoc / Infrastructure mode
- **Wireless Security:** Support 64/128 bit WEP, WPA-PSK/WPA2-PSK, 802.1x
- **Modulation Technology:** DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM

## Hardware

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- **Dimensions (W x D x H):** 4.5 × 4.8 × 0.8 in. (115.2 × 120.8 × 21.5 mm)
- **Antenna:** 3 Dual Band Detachable Antennas

## Others

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### Package Contents

- AC 1900 Wireless Dual Band PCI Express Archer T9E
- Resource CD
- Quick Installation Guide

### Certification

- CE, FCC, RoHS

### System Requirements

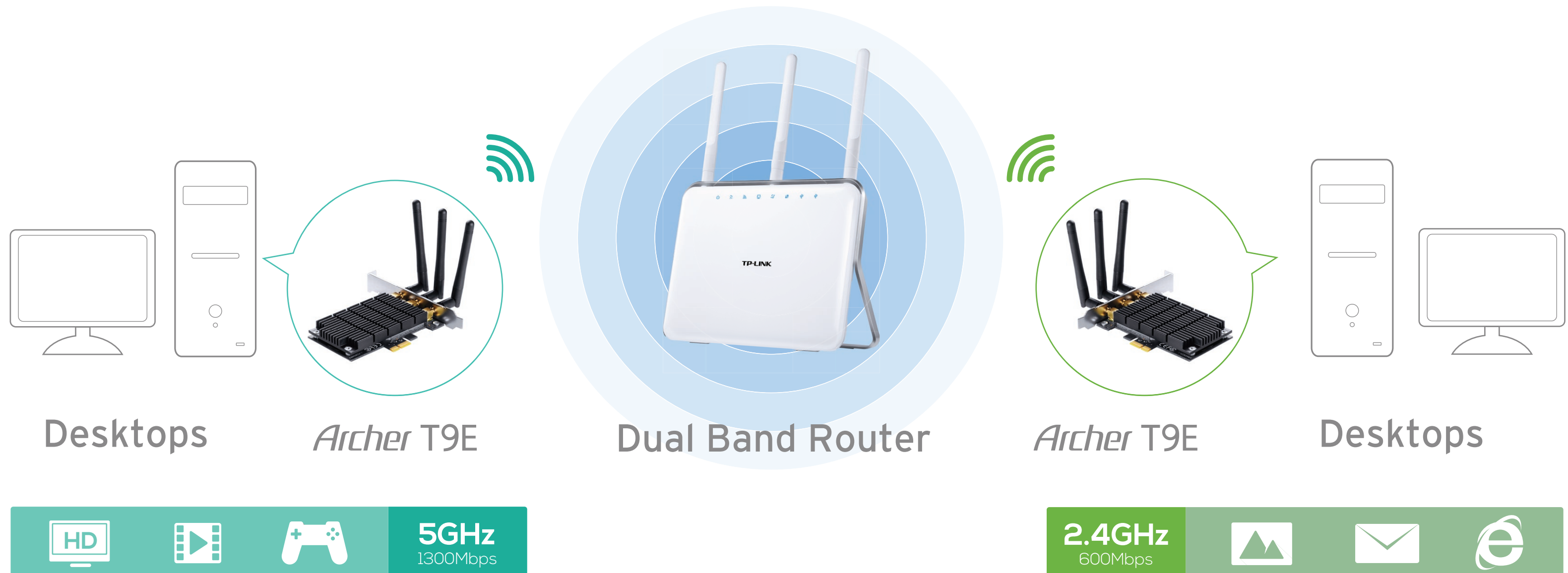
- Windows 8.1/8/7/XP 32/64bits

### 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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# Others

## Ideal to use with



- AC1900 Wireless Dual Band Gigabit Router Archer C9



- AC1750 Wireless Dual Band Gigabit Router Archer C8

## Similar Products



- AC1750 Wireless Dual Band PCI Express Adapter Archer T8E



- AC1200 High Gain Wireless Dual Band USB Adapter Archer T4UH



For more information, please visit

<http://www.tp-link.com/en/products/details/?model=Archer+T9 E>

or scan the QR code left

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Maximum wireless speed of up to 1900Mbps 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. 802.11ac 1300Mbps is approximately 3 times faster than 802.11n 450Mbps. 2.4GHz Performance Mode requires 256 QAM support on Wi-Fi client.

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