



AC1200 Wi-Fi Bluetooth PCIe Adapter

Arm Your PC with Next-Gen
Wi-Fi Technology



Archer T5E

300 Mbps on 2.4 GHz
867 Mbps on 5 GHz[†]

2x2 2x2 MIMO

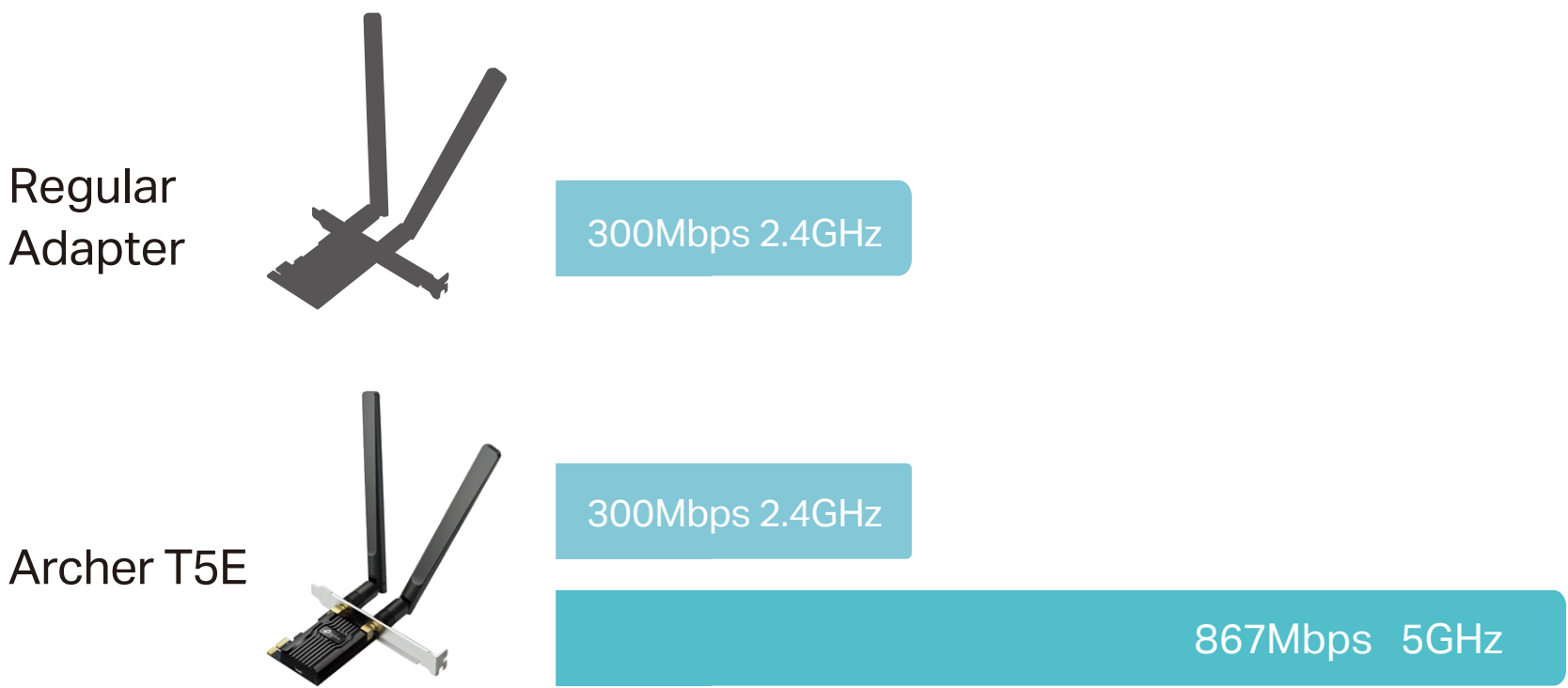
BT Bluetooth 5.0

Low-Profile and Full Height
Brackets Provided

Highlights

AC1200 Dual Band Wi-Fi

The Archer T5E receives Wi-Fi signals on two separate bands for all your online needs. Choose the 300Mbps 2.4GHz band for surfing, emailing and social media, or switch to 867Mbps 5GHz for gaming, streaming and large file downloads.



Bluetooth 5.0 Compatible

Archer T5E equips your PC with Bluetooth 5.0 technology that runs faster connection speeds and farther range compared with older versions, ensuring a strong and stable wireless connection between your PC and Bluetooth devices. ‡



Specifications

WLAN Features

- Wireless Standards:
IEEE 802.11ac/n/a 5 GHz,
IEEE 802.11n/g/b 2.4 GHz
- Signal Rate:
5 GHz
11ac: Up to 867 Mbps(dynamic)
11n: Up to 300 Mbps(dynamic)
11a: Up to 54 Mbps(dynamic)
2.4 GHz
11n: Up to 300 Mbps(dynamic)
11g: Up to 54 Mbps(dynamic)
11b: Up to 11 Mbps(dynamic)
- Reception Sensitivity:
5 GHz :
11ac HT80 MCS9 -65dBm
11ac HT80 MCS0 -90dBm
11ac HT20 MCS8 -74dBm
11ac HT20 MCS0 -95dBm

2.4 GHz :
11n HT40 MCS7 -72dBm
11n HT40 MCS0 -92dBm
11n HT20 MCS7 -76dBm
11n HT20 MCS0 -94dBm
- Transmit Power:
5 GHz: 28dBm(FCC) / 23dBm(CE) (EIRP),
2.4 GHz : 24dBm(FCC) / 20dBm(CE) (EIRP)
- Wireless Modes: Infrastructure mode
- Interface: PCI Express, F_USB
- Wireless Security: WEP, WPA/WPA2/WPA3, WPA-PSK/WPA2-PSK
- Modulation Technology: DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM

Specifications

Bluetooth Features

- Standards and Protocols: Bluetooth 5.0, Bluetooth 4.2, Bluetooth 4.0
- Interface: F_USB 2.0

Hardware

- Antennas: 2 Detachable External Antennas
- Dimensions: 4.76 × 3.09 × 0.85 in (120.8 × 78.5 × 21.5 mm)

Others

- Package Contents
 - AC1200 Wi-Fi Bluetooth PCIe Adapter Archer T5E
 - Two High Gain Dual-Band Antennas
 - Low-Profile Bracket
 - Bluetooth Header Cable
 - Quick Installation Guide
 - Resource CD
- Certification
 - FCC, CE, RoHS
- System Requirements
 - 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/products/details/?model=Archer+T5E_V2
or scan the QR code left

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*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity 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.
*Several new features are introduced in the Bluetooth Core Specification 5.0 Releases, including 2× faster speed and 4× broader coverage compared with Bluetooth 4.2.