tp-link

Wi-Fi 6

AX3000
Wi-Fi 6 Bluetooth 5.0
# PCIe Adapter

Arm Your PC with Next-Gen
Wi-Fi Technology

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Archer TX3000E

Unrivaled Dual-Band Speed
2402 Mbps+574 Mbps†

75% Ultra-Low Latency Brings
Smoother Experience*

CPU Intel® Wi-Fi 6 Chipset for
Reliable Connections

Wider Signal Coverage with
Magnetized Antenna Base

Highlights

Next-Gen Wi-Fi Technology

3× Faster Speed△

Powerful and consistent signals to perfectly pair with Wi-Fi 6 routers supported 160 MHz bandwidth.§

WI-FI 6 //////////////////// **2402 Mbps**

WI-FI 5 //////////////////// **867 Mbps**

75% Lower Latency

More responsive gaming and seamless video conferencing.*

Improved Security—WPA3™

The latest security enhancements provide enhanced protection in personal password safety.**

Bluetooth 5.0 Technology

Archer TX3000E is compatible with the latest Bluetooth 5.0 Technology, achieving 2× faster speed and 4× broader coverage than Bluetooth 4.2 to connect as more devices as you want and enjoy the smoother experience than ever.***
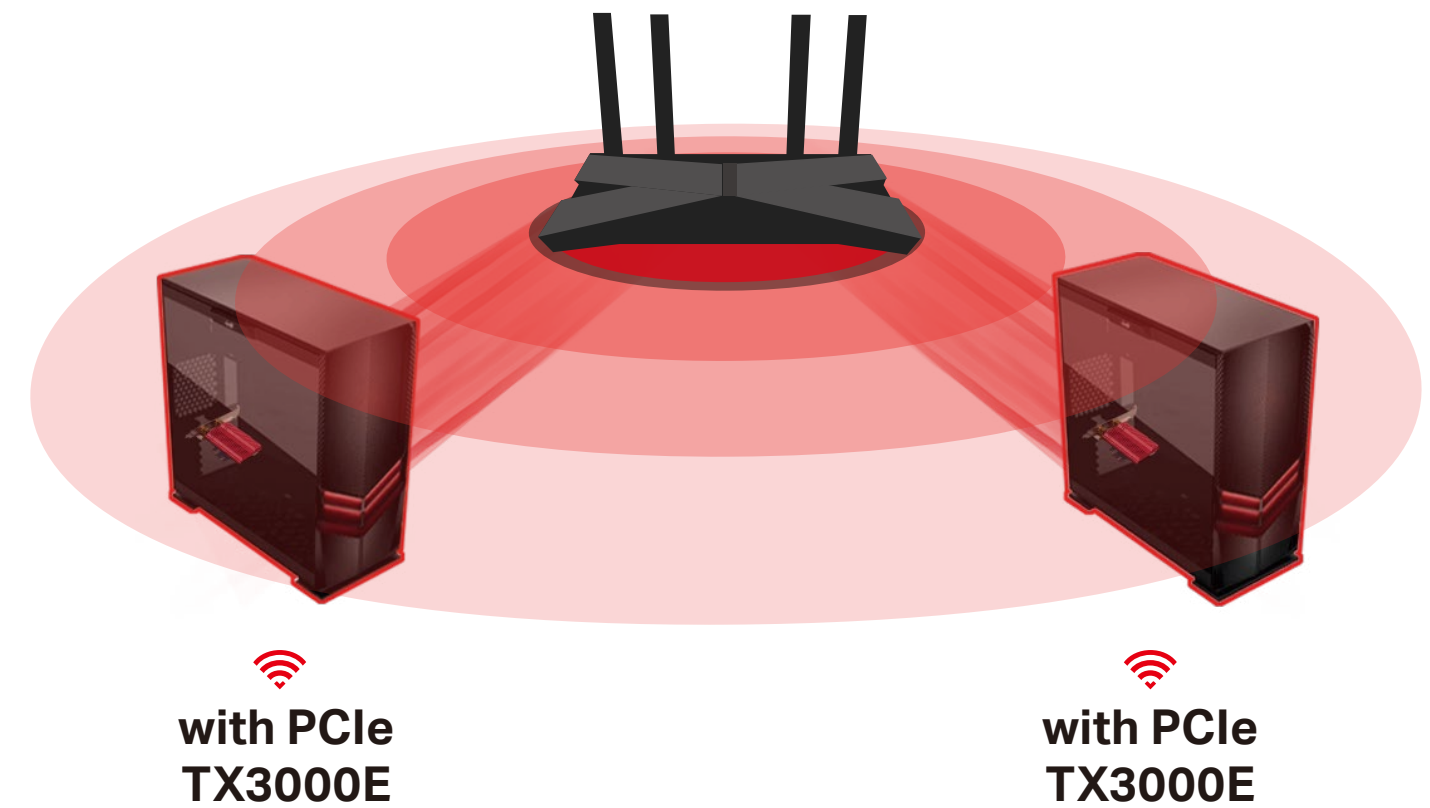
Highlights

Broader Coverage Than Ever

Two multi-directional and high-performance antennas with a magnetized base make it incredibly easy to find the best location for optimum signal reception.
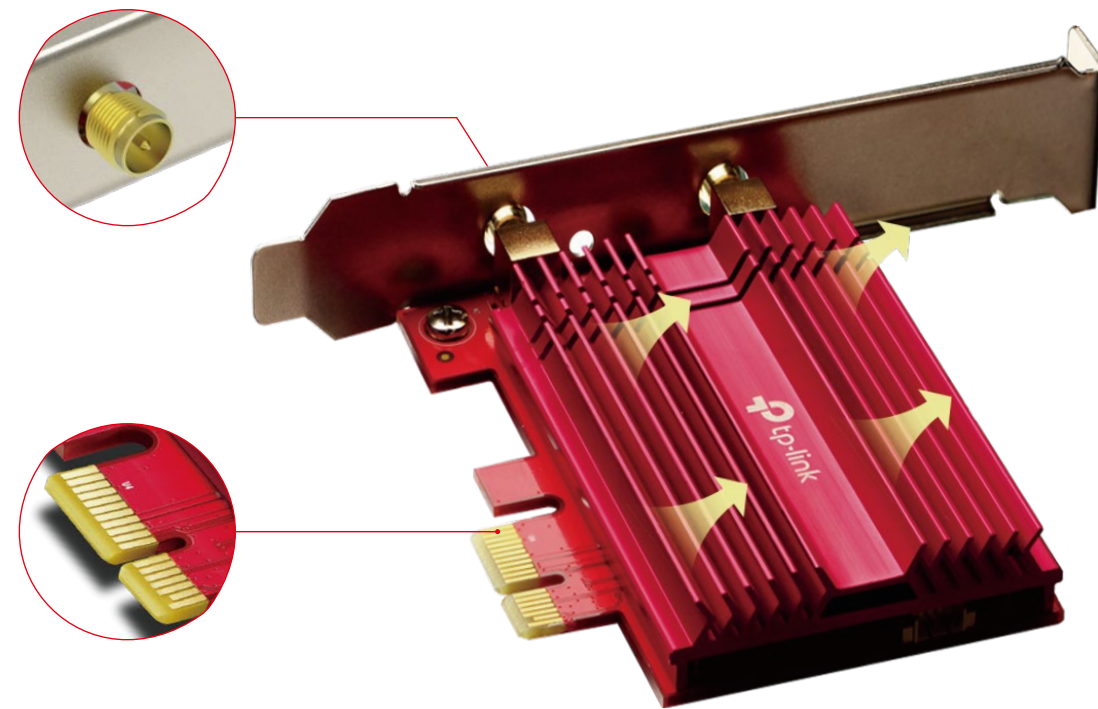
Superior Wi-Fi Reception

Equipped with 1024-QAM and MU-MIMO technology, Archer TX3000E delivers faster and clearer Wi-Fi to take your PC's Wi-Fi reception to the next level and fully achieve the potential of your Wi-Fi 6 router.[‡]

90°

360°

with PCIe
TX3000E

with PCIe
TX3000E

TP-Link   Wi-Fi 6 Bluetooth 5.0 PCIe Adapter   **Archer** TX3000E
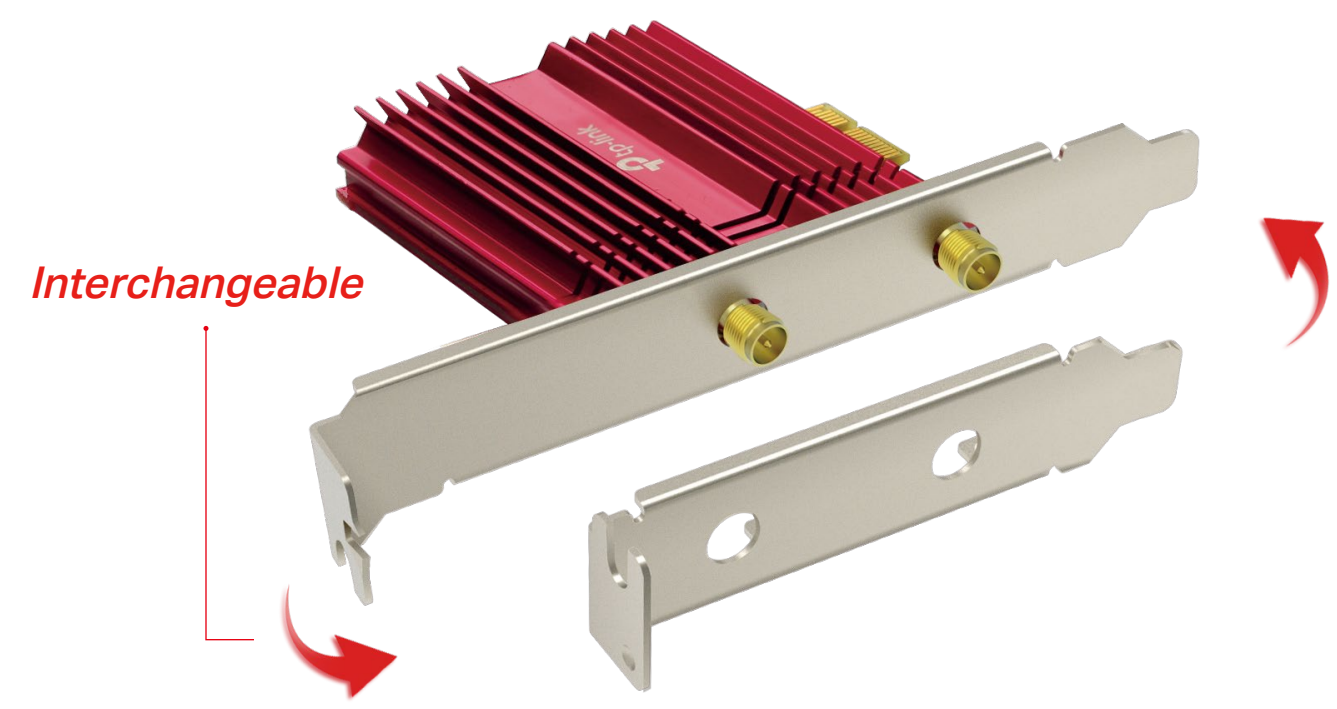
Highlights

Fine Crafting for Reliability

Built with a specialized heatsink crafted to improve stability and reliability even in hot environments. Careful attention to every detail, such as gold plating on every contactor to resist oxidation, delivers a superior network experience.

Low-Profile Bracket

In addition to the full-height bracket, a low-profile bracket is also provided for mini tower computer cases. Customized options give you the flexibility to find a bracket that will fit your board design perfectly.

Interchangeable

TP-Link   Wi-Fi 6 Bluetooth 5.0 PCIe Adapter   **Archer** TX3000E

Specifications

WLAN Features

- Wireless Standards: IEEE 802.11ax/ac/n/a 5 GHz, IEEE 802.11ax/n/g/b 2.4 GHz

- Signal Rate:

  5 GHz

  11ax: Up to 2402 Mbps(dynamic)

  11ac: Up to 1733 Mbps(dynamic)

  11n: Up to 300 Mbps(dynamic)

  11a: Up to 54 Mbps(dynamic)

  2.4 GHz

  11ax: Up to 574 Mbps(dynamic)

  11n: Up to 300 Mbps(dynamic)

  11g: Up to 54 Mbps(dynamic)

  11b: Up to 11 Mbps(dynamic)

- Reception Sensitivity:

  5 GHz :

  11ax HT160: -56.25dBm

  11ax HT80: -59dBm

  11ax HT40: -62.25dBm

  11ax HT20: -65dBm

  11ac HT160: -62dBm

  11ac HT80: -65.5dBm

  11ac HT40: -69.75dBm

  11ac HT20: -73.75dBm

  11n HT40: -74.5dBm

  11n HT20: -77.5dBm

  11a 54Mbps: -77.75dBm

  11a 6Mbps: -94.5dBm

  2.4GHz :

  11ax HT40: -60.75dBm

  11ax HT20: -63.75dBm

  11n HT40: -73dBm

  11n HT20: -76.25dBm

  11g 54Mbps: -76.5dBm

  11b 11Mbps: -89dBm

- Transmit Power:

  5 GHz: 28dBm(FCC) / 23dBm(CE) (EIRP),

  2.4 GHz : 24dBm(FCC) / 20dBm(CE) (EIRP)

- Wireless Modes: Infrastructure mode

- Interface: PCI Express x1/x4/x8

- Wireless Security: Support 64/128 bit WEP, WPA/WAP2/WPA3, WPA-PSK/WPA2-PSK, 802.1x

- Modulation Technology: DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM, 1024QAM

Specifications

Bluetooth Features

- **Standards and Protocols:** Bluetooth 5.0, Bluetooth 4.2, Bluetooth 4.0
- **Interface:** USB 2.0
- **Bluetooth Profiles:** Archer TX3000E supports the native BT profiles implemented in Windows 10.

    * For the latest information on Windows 10 BT profiles, please refer to
    https://support.microsoft.com/en-us/help/10568/windows-10-supported-bluetooth-profiles

Hardware

- **Chipset:** Intel Wi-Fi 6 Chipset
- **Antennas:** Two High-Gain Dual Band Antennas, Magnetized Antenna Base
- **Dimensions:** 3.7 × 4.8 × 0.8 in (95.2 ×120.8 ×21.5 mm)

Others

- **Package Contents**

    Archer TX3000E

    Magnetized Antenna Base with 1m RF Cable

    Two 5 dBi High Gain Antennas

    Low-Profile Bracket

    Bluetooth Header Cable

    Quick Installation Guide

    Resource CD
- **Certification**

    FCC, CE, RoHS
- **System Requirements**

    Windows 10 (64-bit) only****
- **Environment**

    Operating Temperature: 0℃~40℃ (32°F ~104°F)

    Storage Temperature: -40℃~70℃ (-40°F ~158°F)

    Operating Humidity: 10%~90% non-condensing

    Storage Humidity: 5%~90% non-condensing

For more information, please visit

https://www.tp-link.com/en/home-networking/pci-adapter/archer-tx3000e/v1/

or scan the QR code left