tp-link

Wi-Fi 6

AX3000
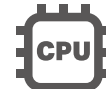# Wi-Fi 6 Bluetooth 5.2
PCIe Adapter

Arm Your PC with Next-Gen
Wi-Fi Technology

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[TM]

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

Bluetooth 5.2 Technology

Archer TX3000E equips your PC with more advanced Bluetooth 5.2 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.***
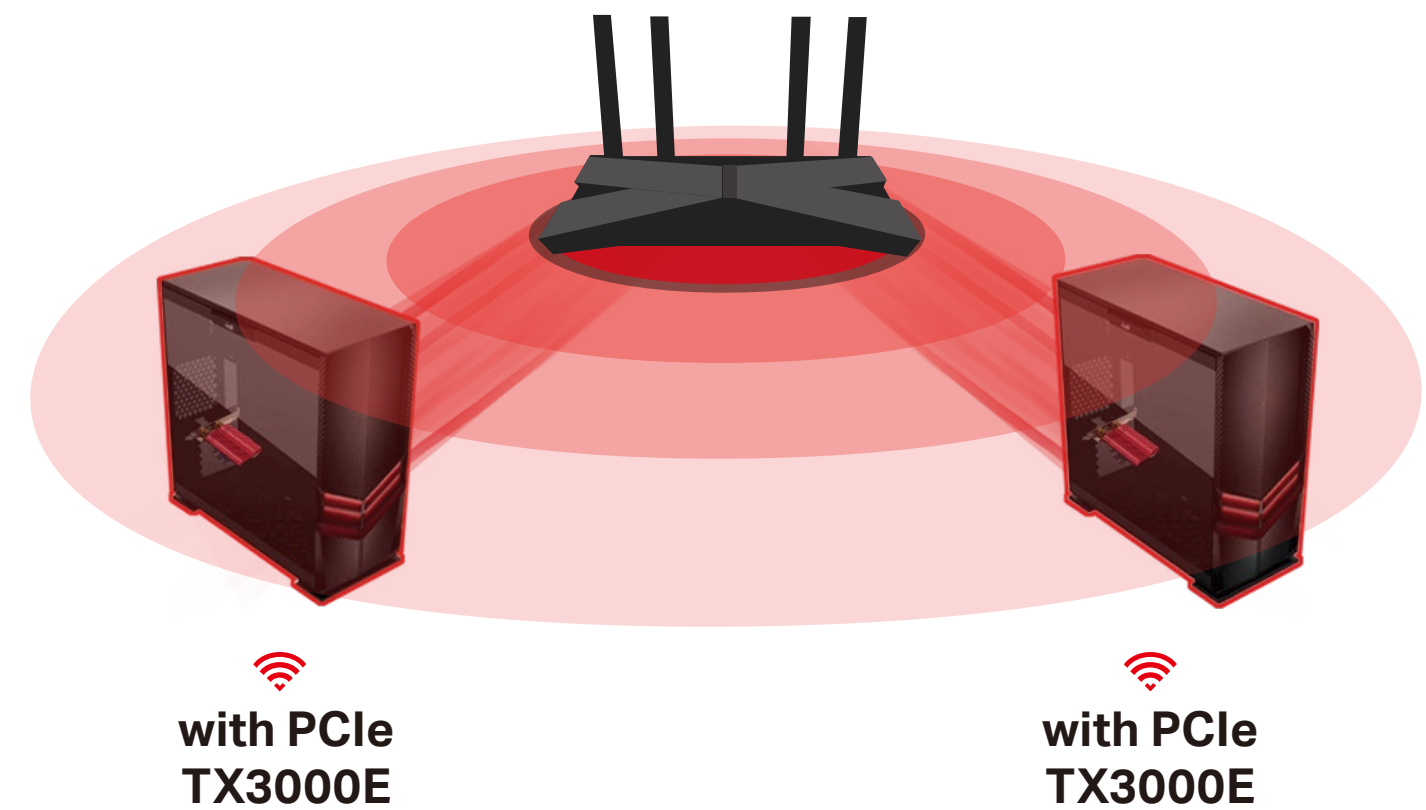
Highlights

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.
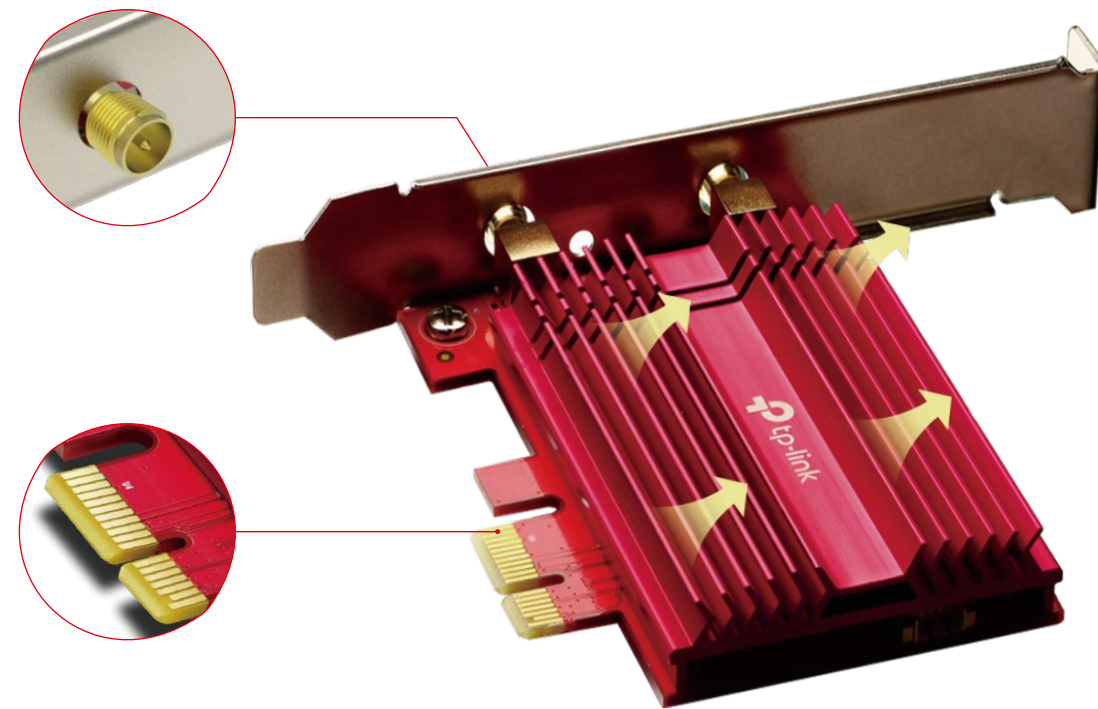
Superior Wi-Fi Reception

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**
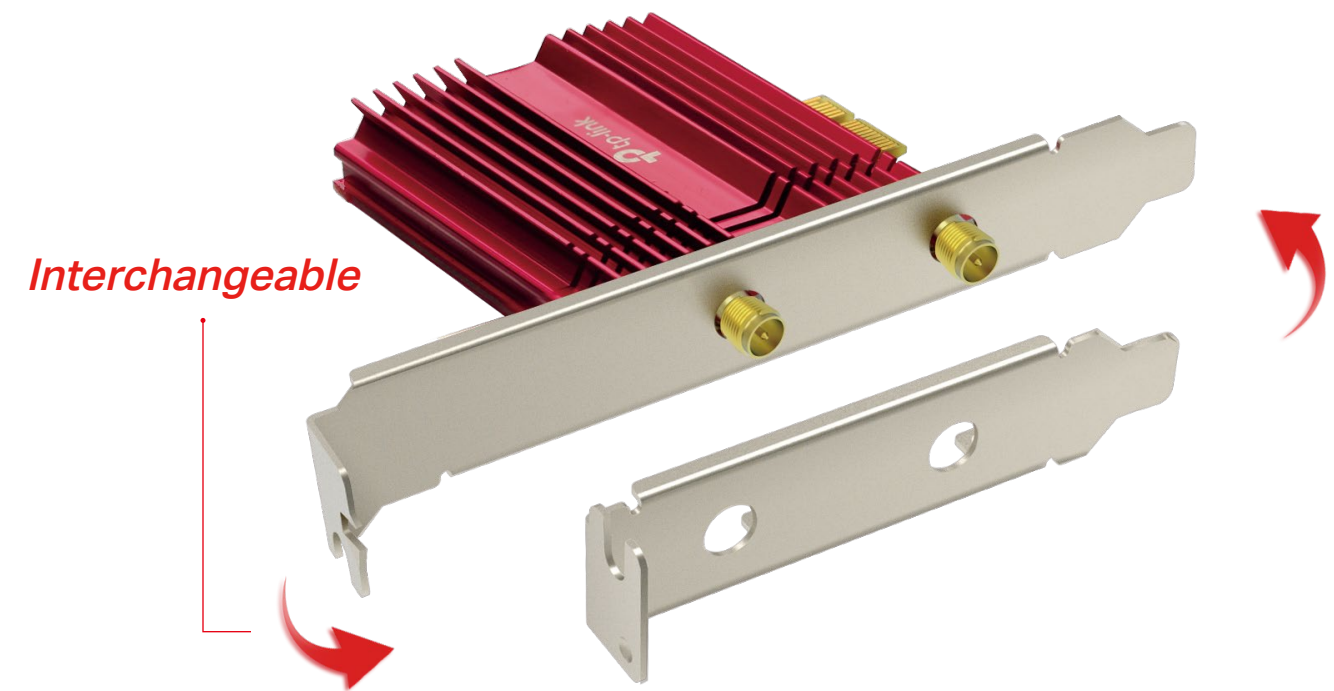
**with PCIe
TX3000E**

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

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/x16
- 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 5.2, Bluetooth 5.0, Bluetooth 4.2, Bluetooth 4.0

· Interface: F_USB 2.0

Hardware

· Chipset: Intel Wi-Fi 6 Chipset

· Antennas: Two High-Gain Antennas(2.4GHz 3dBi, 5GHz 6dBi), 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 High Gain Antennas

Low-Profile Bracket

Bluetooth Header Cable

Quick Installation Guide

Resource CD

· Certification

FCC, CE, RoHS

· System Requirements

Windows 10/11(64-bit) ****

· 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+TX3000E_V2

or scan the QR code left