




AXE5400 Wi-Fi 6E Bluetooth 5.2 PCIe Adapter

Arm Your PC with the Latest Wi-Fi 6E

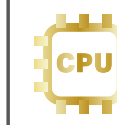


Archer TXE75E

 Unparalleled Tri-Band Speed
2402 Mbps+2402 Mbps+574 Mbps*

6E The Latest Wi-Fi 6E
Extends Your Wi-Fi into
the 6 GHz Band

 Maximized Signal Coverage
With a Magnetized Antenna
Base

 Intel® Wi-Fi 6E Chipset
Reduced Latency and
Improved Reliability^Δ

Highlights

Upgrade Your PC to the Latest Wi-Fi 6E

Archer TXE75E arms your PC with Wi-Fi 6E technology and the brand-new 6 GHz band, unlocking your Wi-Fi 6E router's full potential. The latest band is wide enough for 7 extra 160 MHz channels and exclusive to Wi-Fi 6E devices, which prevents drops in speed and interference from legacy devices.†



Maximized Coverage

Two multi-directional and high-performance antennas with a magnetized base extends your existing Wi-Fi reception capabilities, allowing you to stream throughout your home. Place the antenna base anywhere on your desktop to find the optimal location for signal reception.



Highlights

Bluetooth 5.2

TXE75E equips your PC with more advanced Bluetooth 5.2 that achieves faster speed and broader coverage than older versions to perfectly coordinate with your game controllers, headphones, keyboards, and other Bluetooth devices.**



Refined Security

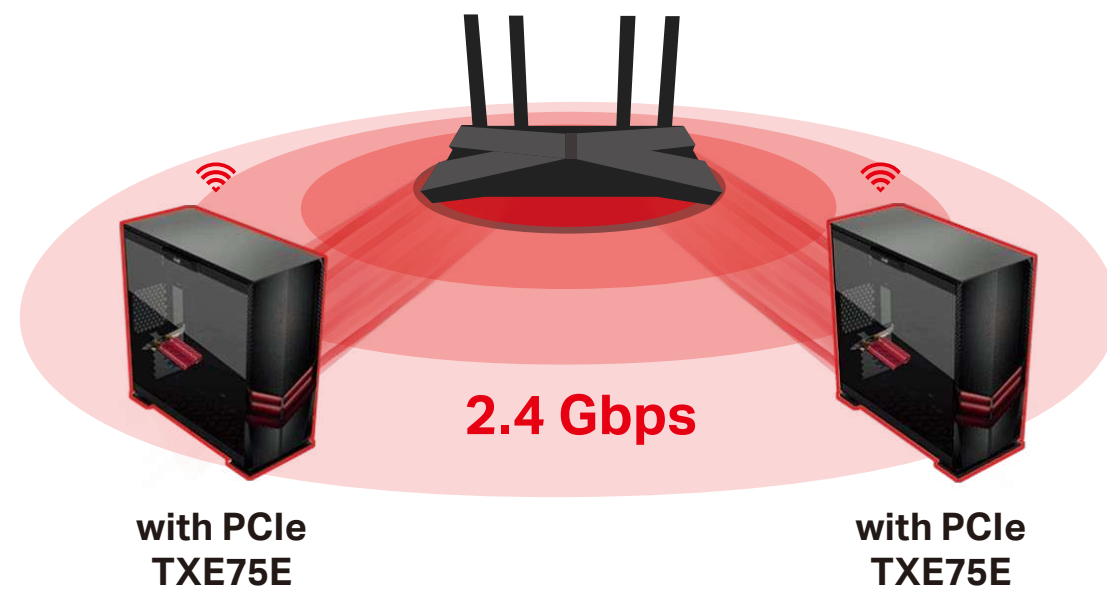
The latest Wi-Fi security protocol, WPA3, brings new capabilities to improve cybersecurity. More secure encryption in Wi-Fi password safety and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi.*



Highlights

Superior Wi-Fi Reception

Bring your PC's Wi-Fi reception to the next level and take full advantage of your Wi-Fi 6E router. Archer TXE75E delivers faster and clearer Wi-Fi thanks to its equipped 1024-QAM and MU-MIMO technology.†



Low-Profile Bracket

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



Specifications

WLAN Features

- **Wireless Standards:** IEEE 802.11 a/b/g/n/ac/ax

- **Signal Rate:**

6 GHz:

11ax: Up to 2402Mbps

5 GHz:

11ax: Up to 2402 Mbps(dynamic)

11ac: Up to 1732 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 400 Mbps(dynamic)

11g: Up to 54 Mbps(dynamic)

11b: Up to 11 Mbps(dynamic)

- **Reception Sensitivity:**

6 GHz:

11ax HE160 MCS0:-86

11ax HE160 MCS11:-56

5 GHz:

11ax HE80 MCS0: -90 dBm

11ax HE80 MCS11: -59 dBm

11a 54Mbps: -77 dBm

11ac VHT80 MCS0: -92dBm

11ac VHT80 MCS9: -64dBm

2.4 GHz:

11ax HE40 MCS0: -91 dBm

11ax HE40 MCS11: -60 dBm

11g 54Mbps: -76 dBm

11n HT40 MCS7: -72dBm

- **Transmit Power:**

5 GHz: 20dBm(FCC) /15dBm(CE) (EIRP)

2.4 GHz: 20dBm(FCC) / 16dBm(CE) (EIRP)

6 GHz: 12dBm(FCC)

- **Wireless Modes:** Infrastructure mode

- **Wireless Security:** WEP, WPA/WPA2/WPA3, WPA-PSK/WPA2-PSK*

Specifications

Hardware

- Antennas: 2× High-Gain Tri-Band Antennas
- Dimensions: 3.7 × 4.8 × 0.8 in (95.2 × 120.8 × 21.5 mm)

Others

- Package Contents
 - Archer TXE75E
 - Magnetized Antenna Base with 1m RF Cable
 - 2× High-Gain Antennas
 - Low-Profile Bracket
 - Bluetooth Header Cable
 - Quick Installation Guide
 - Resource CD
- Certification
 - FCC, CE, RoHS
- System Requirements
 - Supported operating systems include 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+TXE75E_V1

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 number 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.

‡Use of Wi-Fi 6 (802.11ax), Wi-Fi 6E, and features including OFDMA, MU-MIMO, 1024-QAM, or HE160 require APs to also support the corresponding features.

The 160 MHz bandwidth may be unavailable in the 5 GHz band in some regions/countries due to regulatory restrictions.

§Functionality of Archer TXE75E may be restricted on some computing systems and platforms. Please try to update the device's driver for feature compatibility.

ΔBased on IEEE 802.11ax specification Intel Engineering simulation. 160 MHz channels and Wi-Fi 6/6E technology advantages related to network managed traffic enable lower latencies, more efficient operation, and higher reliability vs. random contention-based traffic of standard Wi-Fi 5 networks. Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

*Use of WPA3 requires APs to also support the corresponding feature.

**Several new features are introduced in the Bluetooth Core Specification 5.0 and 5.2 Release, including 2× faster speed and 4× broader coverage compared with Bluetooth 4.

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