TP-Link AXE5400 Wi-Fi 6E Bluetooth 5.2 PCIe Adapter

Brand : TP-Link

Product code: ARCHER TXE75E

Product name : AXE5400 Wi-Fi 6E Bluetooth 5.2 PCIe Adapter

- Unparalleled Tri-Band Speed — Boost your overall speeds up to 2402 Mbps (6 GHz) + 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)
- WiFi 6E Standard — Expand to the clearer, broader 6 GHz band for more bandwidth and faster speeds
- Reliable Connections — The latest Intel® Wi-Fi 6E chipset's reduced latency and improved reliability unlocks your Wi-Fi 6E router's full potential
- Wider Signal Coverage — Two multi-directional antennas with a magnetized base are designed for optimal signal reception
- Bluetooth 5.2 — The latest Bluetooth technology achieves faster speeds and broader coverage
- Improved Security — The latest security enhancement, WPA3, provides enhanced protection in personal password safety
- Reliably Engineered — The specialized heatsink and gold plating improve stability and performance even at high CPU temps
- Backward Compatibility — Full support for 802.11ax/ac/a/b/g/n standards
IEEE 802.11a/b/g/n/ac/ax, 2.4/5/6 GHz, 95.2 ×120.8 ×21.5 mm

Ports & interfaces

Connectivity technology *	Wireless
Host interface *	PCI Express
Interface *	WLAN / Bluetooth

Network

Maximum data transfer rate *	5400 Mbit/s
Networking standards *	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Wi-Fi	✓
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
WLAN data transfer rates supported	11,54,300,1732,2402 Mbit/s
Security algorithms	WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, WPA3
Bluetooth	✓
Bluetooth version	5.2

Design

Component for *	PC
Product colour	Black, Red
Internal *	✓
Antenna *	✓
Antenna design	External
Transmitting power (FCC)	5 GHz: 20dBm, 2.4 GHz: 20dBm, 6 GHz: 12dBm
Operating modes	Infrastructure mode

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%

Sustainability

Sustainability compliance	✓

Weight & dimensions

Width	95.2 mm
Depth	120.8 mm
Height	21.5 mm

Packaging data

Package width	271.5 mm
Package depth	216.5 mm
Package height	48.5 mm
Package weight	480 g

Packaging content

Mounting brackets included	✓
Resource CD	✓
Bluetooth header cable	✓
Quick installation guide	✓

Technical details

Compliance certificates	CE, Federal Communications Commission (FCC), RoHS

Logistics data

Harmonized System (HS) code	85176990

System requirements

Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 10 x64, Windows 11 Enterprise x64, Windows 11 x64

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