## TP-Link AX1800 Wi-Fi 6 Bluetooth 5.2 PCIe Adapter

Brand : TP-Link

Product code: ARCHER TX20E

Product name : AX1800 Wi-Fi 6 Bluetooth 5.2 PCle Adapter

- Unrivalled Wi-Fi 6 Speed—Breaks the gigabit barrier with speed up to 1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

- Wider Signal Coverage— Connect to your Wi-Fi in more parts of your home with two external high-gain antennas ensuring greater coverage and enhanced stability

- Bluetooth 5.2—The latest Bluetooth technology achieves 2× Faster Speed and 4× Broader Coverage than BT 4.2

- Improved Security—The latest security enhancements WPA3 provides enhanced protection in personal password safety

- Backward Compatibility - Full support for 802.11ac/a/b/g/n standards

AX1800 Wi-Fi 6, 802.11ax, 2.4/5 GHz, Bluetooth 5.2, 55 x 36 x 11.5 mm

TP-Link AX1800 Wi-Fi 6 Bluetooth 5.2 PCIe Adapter. Internal. Connectivity technology: Wireless, Host interface: PCI Express, Interface: WLAN / Bluetooth. Maximum data transfer rate: 1800 Mbit/s, Top Wi-Fi standard: Wi-Fi 6 (802.11ax), Wi-Fi band: Dual-band (2.4 GHz / 5 GHz). Product colour: Black



Bluetooth 5.2 Compatible

The latest Bluetooth 5.2 Technology, achieves speeds 2× faster and con 4× broader than Bluetooth 4.2, to perfectly coordinate with your game controllers, beardhones, kewhards, and other Bluetooth devices \*\*\*



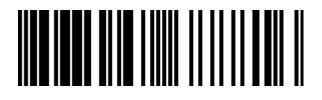
## ROHS CE

Ports & interfaces		System requirements	
Connectivity technology * Host interface * Interface * Network	Wireless PCI Express WLAN / Bluetooth	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
Maximum data transfer rate *	1800 Mbit/s	Operational conditions	
Networking standards * Wi-Fi	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n ✓	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	0 - 40 °C -40 - 70 °C 10 - 90% 5 - 90%
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		5 - 5070
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Sustainability	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Sustainability compliance	
WLAN data transfer rates supported		Sustainability certificates	CE, Federal Communications Commission (FCC), RoHS
Modulation	16-QAM, 64-QAM, 256-QAM, 1024- QAM, CCK, DBPSK, DQPSK, OFDM	Weight & dimensions	
Security algorithms	64-bit WEP, 128-bit WEP, 802.1x RADIUS, WPA, WPA-PSK, WPA2, WPA2-PSK, WPA3	Width Depth Height	120.8 mm 78.5 mm 20.9 mm
Bluetooth	4	Packaging data	
Bluetooth version	5.2	Package width	201.5 mm
Design		Package depth	152.5 mm
Component for * Product colour	PC/Server Black	Package height Package weight	41.5 mm 220 g
Internal *	4	Packaging content	
Antenna Antenna design Transmitting power (CE) Transmitting power (FCC) Plug and Play	<ul> <li>External</li> <li>23 dBm</li> <li>27 dBm</li> <li>✓</li> </ul>	Mounting brackets included Resource CD Bluetooth header cable Quick installation guide	4 4 4

## Design

Operating modes

Infrastructure mode







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