

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 $2\times$ Faster Speed and $4\times$ 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, $55 \times 36 \times 11.5$ mm

TP-Link AX1800 Wi-Fi 6 Bluetooth 5.2 PCle Adapter. Internal. Connectivity technology: Wireless, Host interface: PCl 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

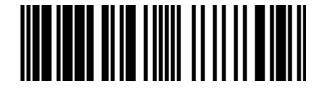
The latest Bluetooth 5.2 Technology, achieves speeds 2 × faster and covera 4 × broader than Bluetooth 4.2, to perfectly coordinate with your game controllers, headphones, keyboards, and other Bluetooth devices.***

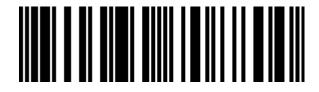


Ports & interfaces		System requirements	
Connectivity technology * Host interface * Interface * Network	Wireless PCI Express WLAN / Bluetooth	Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 10 x64, Windows 11 Enterprise 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)	0 - 40 °C -40 - 70 °C 10 - 90%
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)	Storage relative humidity (H-H)	5 - 90%
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	, , , , , , , , , , , , , , , , , , , ,	Weight & dimensions	
Modulation Modulation	16-QAM, 64-QAM, 256-QAM, 1024- QAM, CCK, DBPSK, DQPSK, OFDM	Width Depth	120.8 mm 78.5 mm
	64-bit WEP, 128-bit WEP, 802.1x RADIUS, WPA, WPA-PSK, WPA2, WPA2-PSK, WPA3	Height	20.9 mm
Security algorithms		Packaging data	
Bluetooth	✓	Package width	201.5 mm
Bluetooth version	5.2	Package depth	152.5 mm
Design		Package height	41.5 mm
Component for *	PC/Server	Package weight	220 g
Product colour	Black	Packaging content	
Internal *	✓	Mounting brackets included	✓
Antenna	✓	Resource CD	✓
Antenna design	External	Bluetooth header cable	✓
Transmitting power (CE)	23 dBm	Quick installation guide	✓
Transmitting power (FCC)	27 dBm		

Design		Technical details	
Plug and Play	✓	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
Operating modes	Infrastructure mode	·	









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