



## 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 PCIe 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 2x Faster Speed and 4x 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

Bluetooth 5.2 is backward compatible with previous Bluetooth versions. It offers faster speed, longer range, and improved power efficiency.



Ports & interfaces		System requirements	
Connectivity technology *	Wireless	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
Host interface *	PCI Express		
Interface *	WLAN / Bluetooth		
Network		Operational conditions	
Maximum data transfer rate *	1800 Mbit/s	Operating temperature (T-T)	0 - 40 °C
Networking standards *	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Storage temperature (T-T)	-40 - 70 °C
Wi-Fi	✓	Operating relative humidity (H-H)	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	11,54,300,574,867,1200 Mbit/s	Weight & dimensions	
Modulation	16-QAM, 64-QAM, 256-QAM, 1024-QAM, CCK, DBPSK, DQPSK, OFDM	Width	120.8 mm
Security algorithms	64-bit WEP, 128-bit WEP, 802.1x RADIUS, WPA, WPA-PSK, WPA2, WPA2-PSK, WPA3	Depth	78.5 mm
Bluetooth	✓	Height	20.9 mm
Bluetooth version	5.2	Packaging data	
Design		Package width	201.5 mm
Component for *	PC/Server	Package depth	152.5 mm
Product colour	Black	Package height	41.5 mm
Internal *	✓	Package weight	220 g
Antenna	✓	Packaging content	
Antenna design	External	Mounting brackets included	✓
Transmitting power (CE)	23 dBm	Resource CD	✓
Transmitting power (FCC)	27 dBm	Bluetooth header cable	✓
Plug and Play	✓	Quick installation guide	✓

**Design**

Operating modes

Infrastructure mode

**Technical details**

Compliance certificates

CE, Federal Communications  
Commission (FCC), RoHS



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