



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

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



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	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	120.8 mm
Bluetooth	✓	Depth	78.5 mm
Bluetooth version	5.2	Height	20.9 mm
Design		Packaging data	
Component for *	PC/Server	Package width	201.5 mm
Product colour	Black	Package depth	152.5 mm
Internal *	✓	Package height	41.5 mm
Antenna	✓	Package weight	220 g
Antenna design	External	Packaging content	
Transmitting power (CE)	23 dBm	Mounting brackets included	✓
Transmitting power (FCC)	27 dBm	Resource CD	✓
Plug and Play	✓	Bluetooth header cable	✓
		Quick installation guide	✓

Design

Operating modes

Infrastructure mode



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