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 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



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

Network	
Maximum data transfer rate *	1800 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 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
WLAN data transfer rates supported	11,54,300,574,867,1200 Mbit/s
Modulation	16-QAM, 64-QAM, 256-QAM, 1024-QAM, CCK, DBPSK, DQPSK, OFDM
Security algorithms	64-bit WEP, 128-bit WEP, 802.1x RADIUS, WPA, WPA-PSK, WPA2, WPA2-PSK, WPA3
Bluetooth	✔
Bluetooth version	5.2

Design	
Component for *	PC/Server
Product colour	Black
Internal *	✔
Antenna	✔
Antenna design	External
Transmitting power (CE)	23 dBm
Transmitting power (FCC)	27 dBm

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

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%

Sustainability	
Sustainability compliance	✔

Weight & dimensions	
Width	120.8 mm
Depth	78.5 mm
Height	20.9 mm

Packaging data	
Package width	201.5 mm
Package depth	152.5 mm
Package height	41.5 mm
Package weight	220 g

Packaging content	
Mounting brackets included	✔
Resource CD	✔
Bluetooth header cable	✔
Quick installation guide	✔

Design	
Plug and Play	✔
Operating modes	Infrastructure mode

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

4897098688816

4897098688809

0840030708800

840030708800

Catalog Object Cloud

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 26-AUG-2026. Prints or copies of Information are only valid on the printed Publication date