



TP-Link BE6500 WLAN 2882 Mbit/s

Brand : TP-Link

Product code: ARCHER TBE400UH

Product name : BE6500

- Cutting-edge Wi-Fi 7 - Congestion-free speeds up to 2880 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
 - Tri-Band Wireless - 2.4 GHz, 5 GHz and 6 GHz bands for flexible connectivity
 - Multi-Link Operation (MLO) - Enable devices to use multi-link seamless dynamic switching to achieve load balancing and lower latency
 - Broader Coverage - Connect to your WiFi from wherever in your home with high-gain antennas and Beamforming
 - Lower Latency Gameplay - OFDMA, MU-MIMO and Multi-RU ensure the most efficient WiFi connection for your PC
 - Improved Security - WPA3 provides the latest security enhancements for personal password protection
 - SuperSpeed USB 3.0 - Up to 10x faster transfer speeds than USB 2.0
 - Flexible & Easy Installation - TBE400U comes with its driver pre-loaded. Just plug and install
- Wi-Fi 7 High Gain Wireless USB Adapter, 6/5/2.4GHz, IEEE 802.11a/b/g/n/ac/ax/be



Ports & interfaces		Design	
Connectivity technology *	Wireless	LED indicators	Status
Host interface *	USB	System requirements	
Interface *	WLAN	Windows operating systems supported	Windows 10, Windows 11
USB connector form factor	Straight	Operational conditions	
USB version	3.2 Gen 1 (3.1 Gen 1)	Operating temperature (T-T)	0 - 40 °C
Network		Operating relative humidity (H-H)	10 - 90%
Maximum data transfer rate *	2882 Mbit/s	Storage relative humidity (H-H)	5 - 90%
Networking standards *	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11be, IEEE 802.11g, IEEE 802.11n	Weight & dimensions	
Wi-Fi	✓	Width	300 mm
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	Depth	17.7 mm
Top Wi-Fi standard	Wi-Fi 7 (802.11be)	Height	107 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Packaging content	
WLAN data transfer rates supported	54,400,574,1732,2402 Mbit/s	Quick installation guide	✓
Security algorithms	WEP, WPA, WPA-PSK, WPA2, WPA3	Packaging content	• BE6500 Wi-Fi 7 High Gain Wireless USB Adapter Archer TBE400UH • Quick Installation Guide • USB 3.0 Cradle
MU-MIMO	✓	Technical details	
Design		Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
Product colour	Grey	Other features	
Internal *	✗	Cable length	1.2 m
Antenna	✓		
Antenna design	External		

Design

Transmitting power (FCC)	6 GHz: 13 dBm; 5 GHz: 15 dBm; 2.4 GHz: 15 dBm
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