



AC1200 USB WIFI Adapter with Bluetooth 4.1 Function

Model: EP-AC1681

EP-AC1681 is a WLAN 11AC and Bluetooth combo dongle, provides a single USB interface to host, which fully supports the features and functional compliance of IEEE 802.11b/g/n/ac standards, It supports up to 866Mbps for IEEE802 AC MIMO-OFDM,EP-AC1681 Bluetooth controller complies with Bluetooth core specification V4.1, and supports dual mode(BR/EDR+AMP+low Energy Controllers). It is backward previous versions including V2.1+EDR and v3.0+HS.Both BR/EDR and LE can operate simultaneously.

Features

- 2T2R 802.11n 2.4GHz WiFi speed up to max 300Mbps data rate
- 2T2R 802.11ac 5GHz WiFi speed up to max 866Mbps data rate
- Complies with USB Specification 2.0
- Compatible with IEEE 802.11b/g/n/a/ac Specifications
- Supports WPA, WPA2
- Supports MU-MIMO (Multi-User MIMO)

Specifications

Model Name	EP-AC1681
Product Name	WLAN (2T2R)AC and BT 4.1 Combo Dongle
Standard	IEEE 802.11ac / a / b / g / n / d / e / h / i Bluetooth v2.1+EDR/ v3.0/ v3.0+HS/ v4.1
Data Transfer Rate	WIFI:11ac mode up to 866Mbps 11n mode up to 300Mbps BT:Basic rate: 1Mbps and Enhanced data rate: 2, 3 Mbps
Modulation Method	CCK,DQPSK,DBPSK,BPSK,QPSK,16QAM,64QAM,256 QAM Bluetooth: 8DPSK, $\pi/4$ DQPSK, GFSKFSK
Frequency Band	2.4GHz and 5GHz ISM Band
RF Output Power (tolerance ± 2 dBm)	13dBm@11n, 17dBm@11b, 15dBm@11g 13dBm@11a, 9dBm@11ac Bluetooth: + 8dBm
Receiver Sensitivity	-80dBm - 802.11b@11Mbps -71dBm - 802.11g@54Mbps -67dBm - 802.11n@MCS7_BW20 -64dBm - 802.11n@MCS7_BW40 -57dBm - 802.11ac@NSS1_MCS9_BW20 -54dBm - 802.11ac@NSS1_MCS9_BW40 -51dBm - 802.11ac@NSS1_MCS9_BW80 Bluetooth: -89dBm@1Mbps, -90dBm@2Mbps, -83dBm@3Mbps
LED	POWER
Security	WPA, WPA2
Power supply	USB / DC 5V
Operating Temperature	0 ~ 50° C ambient temperature
Storage Temperature	-10 ~ 70° C ambient temperature

Humidity	5 to 90 % maximum (non-condensing)
Support Operation System	winxp, winvista, win7; Win8/8.1/10 mac10.14;