



1300Mbps 802.11AC USB3.0 Wi-Fi Adapter

Model: EP-AC1686

Features

Chipset: RTL8812BU

Support USB3.0

Support 20MHz/40MHz/80MHz frequency

5G compatible with IEEE 802.11ac and IEEE 802.11a standard

2.4G compatible with IEEE 802.11n, IEEE 802.11g, IEEE 802.11g standard

Detect the network and change transmit speed automatically

Support WPA/WPA2/WPA-PSK/802.1x and 64/128 bit WEP encryption

Support WPS 2.0

2pcs 2dbi external Antenna

Support 2.4G and 5G dual band

Support Wi-Fi Direct

Support Multiple BSSID

Support QoS-WMM, WMM-PS

Support WPS: PIN, PBC

Support Infrastructure mode, Ad-Hoc mode and Soft AP three modes

Support Cisco CCX

Low consumption management

Supported OS: WinXP, WinVista, Win7, Win8, Win8.1; Win10; Linux; MacOS

Specifications

Wireless Standards	IEEE 802.11n IEEE 802.11g IEEE 802.11b IEEE 802.11ac IEEE 802.11a
Transmit Speed	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11n: up to 867Mbps
Frequency Range	2.412~2.4835 GHz 5.180~5.320GHz 5.500~5.700GHz 5.745~5.825GHz
Work Channel	1 ~ 14 (2.4G) 36 ~ 165 (5G)
Work Power	18dBm (Typical)
Sensitivity	11n: -68dBm@130M; -68dBm@108M 11g: -69dBm@54M 11b: -85dBm@11M 11ac: -59dBm@867M
Wireless Security	WPA/WPA2/WPA-WPA2/802.1x 64/128 bit WEP WPS (PIN, PBC)
Support Operation System	Window 2000/XP/Vista/Win7/Win8Mac OS/Linux
Host Interface	USB 3.0
LED(BLUE)	Link/Act
Antenna Type	Internal Omni-directional Antenna
Environment	Operating Temperature: 0°C~45°C Storage Temperature: -20°C~75°C Operating Humidity: 10% ~ 90% RH (Non Condensing) Storage Humidity: 5% ~ 95% RH (Non Condensing)