

Aztech WL593USB

Wireless Dual Band AC USB Adapter

PRODUCT SPECIFICATIONS

1.0 OVERVIEW

WL593USB is a Wireless Dual Band AC USB Adapter which complies with the next generation wireless standard-802.11AC and allows users to operate simultaneous over 5GHz and 2.4GHz band. Besides, it adopts USB3.0 technology which is the upgraded version of USB2.0 to accelerate data transmitting rate with low power consumption. So it is the perfect solution for small offices and home needs.

To secure the wireless connection, the adapter provides a WPS button so that users can easily setup a wireless connection with protection just by one click



2.0 HIGHLIGHTS

- It adopts super speed 3.0 USB port
- Operates simultaneously over 5Ghz and 2.4GHz band and a maximum Speed up to 300 Mbps on 2.4GHZ and 867 Mbps on 5GHz
- High speed solution that complies 802.11 AC wireless technology

**SPECIFICATIONS MAY CHANGE
WITHOUT PRIOR NOTICE**

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3.0 FEATURES

- Complies with IEEE 802.11ac/a/b/g/n standards
- Operates simultaneous over 2.4GHz and 5GHz band
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (TKIP AES) encryption
- Provides USB3.0 interface
- Works with all existing network infrastructures
- Supports WPS

4.0 SPECIFICATIONS

HARDWARE

Interface	USB 3.0
LED Indicators	-1* Wireless
Button	1*WPS Button
Antenna	2*1.5dBi detachable antennas
Chipset	Realtek 8812AU
Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C~55°C (32°F~131°F)• Storage Temperature: -2~65°C (-4°F~149°F)• Operating Humidity: 10%~90% non-condensing• Storage Humidity: 5%~95% non-condensing

WIRELESS

Standards	<ul style="list-style-type: none">• IEEE 802.11ac• IEEE 802.11a• IEEE 802.11b• IEEE 802.11g• IEEE 802.11n
RF Frequency	2.4GHz/5GHz
Data Rate	<ul style="list-style-type: none">• 2.4GHz: Up to 300Mbps• 5GHz: Up to 867Mbps
Wireless Security	<ul style="list-style-type: none">• 64/128-bit WEP• WPA/WPA2• WPA-PSK• WPA2-PSK (TKIP/AES)
Output Power	20dBm (Max.)

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Channels	<ul style="list-style-type: none">• 2.4GHz: 1-11 (North America), 1-13 (General Europe), 1-14 (Japan)• 5GHz: 36~165
Modulation Type	<ul style="list-style-type: none">• 135M: -65 dBm@10% PER• 54M: -68 dBm@10% PER• 11M: -85 dBm@8% PER• 6M: -88 dBm@10% PER• 1M: -90 dBm@8% PER
Reception Sensitivity	<ul style="list-style-type: none">• - 270M: -61 dBm@10% PER• - 135M: -65 dBm@10% PER• - 54M: -68 dBm@10% PER• - 11M: -85 dBm@8% PER• - 6M: -88 dBm@10% PER• - 1M: -90 dBm@8% PER
Operating System	Supports Vista, XP, Win7/ Win8 32/64

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