

Aztech WL583USB

300Mbps Wireless N Dual Band USB Adapter 802.11n/b/g/a (2T*2R)

PRODUCT SPECIFICATIONS

1.0 OVERVIEW

WL583USB is a 2*2 dual band USB interface Wi-Fi adapter. With its high wireless performance, you can build your own WLAN networks more easily and get a better internet experience, such as downloading, gaming, video streaming and so on. Also it supports 5.8G band with less condition interface which can bring high and stable throughput for your computer. Generally, it is the best solution for activities required high transmission rate.

2.0 HIGHLIGHTS

- Dual Band up to 300 Mbps brings high and stable throughput for the computer
- High speed and high stability, ideal for Internet surfing, video streaming and online gaming
- Most advanced encryption provides reliable security

3.0 FEATURES

- Complies with IEEE 802.11n and IEEE 802.11g/b/a standards for 2.4GHz and 5GHz Wireless LAN
- Up to 300Mbps throughput for Wi-Fi network
- Capable of up to 128-bit WEP encryption
- Works with all existing network infrastructure
- MIMO technology expands the wireless coverage with stable throughput
- Transmission coverage up to 100m indoor and 300m outdoor
- Supports 5G band with less contention interference, more stable and better performance
- Easy to install and configure

**SPECIFICATIONS MAY CHANGE
WITHOUT PRIOR NOTICE**

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HARDWARE

Interface	MINI 5pin USB 2.0
LED Indicator	1*Status
Antenna	2*1.5dBi detachable antennas
Chipset	RT3572
Environment	<ul style="list-style-type: none">• Operating Temperature: 0° C ~40° C (32°F~104°F)• Storage Temperature: -40~70° C (-40°F~158°F)• Operating Humidity: 10%~90% non-condensing• Storage Humidity: 5%~95% non-condensing

WIRELESS

Standards	<ul style="list-style-type: none">• IEEE 802.11n• IEEE 802.11g• IEEE 802.11b• IEEE 802.11a
RF Frequency	2.4GHz/5GHz
Data Rate	<ul style="list-style-type: none">• 802.11n: up to 450Mbps• 802.11g/a: up to 54Mbps (dynamic)• 802.11b: up to 11Mbps (dynamic)
Wireless Security	<ul style="list-style-type: none">• 64/128-bit WEP, WPA/WPA2• WPA-PSK/WPA2-PSK (TKIP/AES)
Output Power	20dBm (Max.)
Channels	1-11 (North America), 1-13 (General Europe), 1-14 (Japan)
Modulation Type	FDM/CCK/16-QAM/64-QAM
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 Windows XP 32/64, Vista 32/64, Windows 7 32/64, Windows 8 32/64

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