

# 802.11 b/g/n Mini WLAN USB adapter

## Model : WL300B-USB



### Product Specifications

Rev : 1.0

<b>Model Number</b>	WL300B-USB
<b>Descriptions</b>	802.11 b/g/n Mini WLAN USB Adapter
<b>Interface</b>	USB2.0/1.1
<b>Operating Voltage</b>	DC 5V±0.25V
<b>Standards / Compliance</b>	IEEE802.11b/g/n(draft 2.0) standards compliant
<b>Radio Specifications</b>	
Data Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6,9,12, 18, 24, 36, 48, 54 Mbps 802.11n: up to 300Mbps
Antenna Configuration	1T2R Mode
Frequency Band (ISM Band)	802.11b/g/n: USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 14channels
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Coverage Area	Outdoor: up to 200m
Receiver Sensitivity (Typical)	<ul style="list-style-type: none"> <li>● 11b 11Mbps: -76dBm</li> <li>● 11g 54Mbps: -65dBm</li> <li>● 11n-HT20 72.22Mbps: -62dBm</li> <li>● 11n-HT40 150Mbps: -59dBm</li> </ul>
Transmit Power (EIRP)	<ul style="list-style-type: none"> <li>● 2.412~2.472G(IEEE802.11b) 16±1.5dBm @1~11Mbps(Typical)</li> <li>● 2.412~2.472G(IEEE802.11g) 13±1.5 dBm @6Mbps~54Mbps(Typical)</li> <li>● Wireless-N 13±1.5 dBm (Typical)</li> </ul>
<b>Security</b>	WEP 64/128 WPA/WPA2
<b>Operation Humidity</b>	10% to 90% Non-Condensing
<b>Storage Humidity</b>	5% to 90% Non-Condensing
<b>Operation Temperature</b>	0 to 45
<b>Storage Temperature</b>	-20 to 70
<b>Physical Specifications</b>	
Dimension	71.5(L) mm x 19(W) mmx 7.9(H) mm
Weight	10 g
LED	Power /Link
<b>Operating System Support</b>	Windows XP/2000/Vista
<b>Regulation Certifications</b>	FCC/CE

### Feature

High-speed Wireless-N (draft 802.11n) networking for your desktop or notebook PC

802.11b/g compliant

WPA/WPA2/ encryption

USB interface

Compatible with Microsoft Windows 2000, XP, and Vista