

300Mbps Wireless USB Adapter

802.11b/g/n 300Mbps Free Driver

Model: WD-3505C



KEY FEATURES

- 300Mbps wireless transmission rate
- 2*2dBi high-performance PCB antenna
- Supports 64/128-bit WEP, complies with 128 bit WPA standard(TKIP/AES), supports MIC, IV Expansion, Shared Key Authentication, IEEE 802.1X
- Supports Windows XP/Vista/win7/win8/win8.1/win10
- With internal drive, it can automatically complete installation once plugged into your computer, releasing you from troublesome configuration, and installation using CD or drive.

Specifications

Chipset	Realtek RTL8192FM
Interface	USB2.0 Hi-Speed connector
Wireless Speed	11n: Up to 300Mbps
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	20dBm(MAX EIRP)
Modulation Technique	OFDM/CCK/16-QAM/64-QAM
Work Mod	Ad-Hoc / Infrastructure
Wireless Security	64/128 bits WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Temperature Range	Operating: -20°C to 70°C, Storage: -40°C to 90°C
Humidity	Operating: 5% to 95% (non-condensing), Storage: Max. 90% (non-condensing)
Support Operating System	Windows XP/Vista/Linux/ Win 7/Win 8 /Win8.1 /Win10
Dimensions (H x W x D)	33 x 15x 8mm

RF Performance Table for 2.4GHz

	Data Rate	TX Power	Tolerance
2.4GHz	1Mbps	16dBm	±2dB
802.11b	11Mbps	16dBm	±2dB
2.4GHz	6Mbps	15dBm	±2dB
802.11g	54Mbps	13dBm	±2dB
2.4GHz	MCS0	14dBm	±2dB
802.11n	MCS7	13dBm	±2dB
20MHz	MCS8	13dBm	±2dB
2.4GHz	MCS0	14dBm	±2dB
802.11n	MCS9	13dBm	±2dB
40MHz	MCS9	13dBm	±2dB

	Data Rate	RX Specifications Sensitivity	Tolerance
2.4GHz	1Mbps	-97dBm	±2dB
802.11b	11Mbps	-90dBm	±2dB
2.4GHz	6Mbps	-92dBm	±2dB
802.11g	54Mbps	-76dBm	±2dB
2.4GHz	MCS0	-92dBm	±2dB
802.11n	MCS7	-75dBm	±2dB
20MHz	MCS8	-71dBm	±2dB
2.4GHz	MCS0	-89dBm	±2dB
802.11n	MCS9	-67dBm	±2dB
40MHz	MCS9	-67dBm	±2dB

Dimensional Drawing

