

Datasheet of 150Mbps mini usb wifi adapter with Ralink 5370 chipset.

Model No.: FX-5370E



1. Description:

FX-5370 Wireless-N USB 2.0 Adapter allows you to connect your laptop or desktop to any Wireless-N networks in your home or office. The Wireless-N (802.11n) USB 2.0 Adapter is great for those who want to upgrade older computers to be able to access the internet over a Wireless-N network. At 5 times faster than traditional Wireless-G (802.11b) networks, Wireless-N networks allow for high speed data transfers, online gaming, and lightning fast downloads. The Wireless-N USB 2.0 Adapter gives you access to all the high-speed features of Wireless-N networks on older and newer computers. Its simple and easy setup means you'll be surfing the internet, downloading movies, and e-mail in no time. This item also provide **Support Skybox, Openbox, Raspberry Pi, Wifi Reciver soft AP function.**

2. Features:

- * **Ralink RT5370 Chipset**
- * Mini portable USB 2.0 design.
- * Wireless N speed up to 150Mbps, ideal for internet surfing and online gaming.

- * Complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, IEEE 802.11b standards.
- * Provides two work modes: Infrastructure and Ad-Hoc.
- * MIMO technology makes wireless transmission rates up to 150Mbps wifi antenna.
- * 150Mbps Wireless Wifi USB Dongle/Wireless USB Adapter/Wireless Network Card
- * CCA technology enhances your signal stability by automatically avoiding channel conflicts.
- * Quick secure setup, complies with WPS for worry free wireless security.
- * Wireless security encryption easily at a push Of QSS button.
- * Supports 64/128-bit WEP, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions.
- * Supports WIN2K, XP, VISTA, WIN7, MAC, LINUX operating system.
- * Supports wireless roaming technology for high-efficient wireless connections.
- * Seamlessly compatible with 802.11b/g/n devices.

3. Specification:

Hardware	
Main Chipset	Ralink RT5370
Host interface	USB 2.0/1.1 Type A
LED	Link/ Activity
RF Performance	
Standards	IEEE802.11b/g & 802.11n (1T1R mode, 150Mbps)
Antenna	2dBi undetachable antenna
Operation Frequency	2412~2483.5 MHz (varies according to different regions).
Typical Tx Power (E.R.I.P)	802.11b (CCK)11Mbps: 19+/-1dBm; 802.11g (OFDM) 54Mbps: 16+/-1dBm
	802.11n (HT20@MCS7), 15+/-1dBm; 802.11n (HT40@MCS7),15+/-1dBm
Receive Sensitivity	802.11b: -86+/-1dBm; 802.11g: -74+/-1dBm
	802.11n (HT20), -70+/-1dBm; 802.11n (HT40), -70+/-1dBm
Software Support	
Operation System	WindowsCE/2000/XP/Vista/7; Linux 2.6.X; Mac OS X
Security	WEP 64/128bit , WPA, WPA2, 802.1x, and 802.11i,Cisco CCS Compliant
Operation conditions	
Voltage Range/Current	DC 5.0V \pm 5% / <160mA
Temperature	Operation: -10° C - 60° C; Storage:-20° C - 70° C
Humidity(Non-Condensing)	Operation: RH 95%; Storage : RH 95%

Physical Specification

Dimensions	(Main body)16.4x14.7x58mm, details refer to the figures.
Net Weight	9.8 g