SEDNA USB Wireless LAN Adapter User Manual

1 Install the driver

a Insert the installation CD into your CD-ROM driver, Double

click the icon



to start setup

b Click Yes to go on



c It's recommended to choice Optimize for performance mode

click next to go on





e Click Finish to end the setup

RALINK Wireless Network Car	d Setup
	Setup has finished installing
	BT7x Wireless LAN Card Setup is almost complete.
A CONTRACT OF	
Reality	
	Click Finish to complete RT7x Wireless LAN Card Setup
and the second second	
	Finish

2 Plug in your usb wireless LAN adapter, it will be recognized

and auto installed. Just confirmed it like below:



- 3 Make infrastructure connection
- > Double click the icon in red circle



➤ You will see:

SSID	BSSID	Sig	C	Encrypt	Authent	Network T
2	00-0C-20-03-41	10	1	None	Unknown	Infrastruct
zioncom	00-00-20-03-13	29%	11	None	Unknown	Infrastruct
				1	1.	1.5

- You can click the button *Rescan* to find which AP is in range, they will show on the window, choice one you want to connect, and click the button *connect*, and click *ok* to finish the connection operation.
- An infrastructure connection is accomplished.
- Note, please choose correct channel setting up to your law, for example, ch13 is permitted in your country, and you set your router at ch13, while you choose ch1-ch11 (default setting), you will never find the AP, and you will have to choose ch1-ch13 setting in *Advanced* page as below

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😤 Ralink Wireless Utility	×
Profile Link Status Site Survey Statistics	Advanced About
Wireless mode 802.11 B/G mix	Select Your County Region Code 11 B/G 0: CH1-11 ■ 0: CH1-11 ■ 1: CH1-13
B/G Protection Auto	CCX 2.0
Tx Rate Auto	LEAP turn on CCK1 5: CH1-14 5: CH3-9
Tx BURST	Non-Serving Channel Measurements
Enable TCP Window Size	Limit 250 milliseconds (0-2000)
Fast Boarning at -70 dBm	
Turn off RF	Арру
	OK Help

4 Some help information in Rlink Wireless Utility

How to find out your IP address:

Profile	Link Status Site Survey Statistics Advanced About	
	(c) Copyright 2004, Ralink Technology, Inc. All rights reserved.	
	RaConfig Version : 1.0.6.0 Date : 07-20-2005	
	Driver Version : 1.0.1.0 Date : 07-01-2005	
	EEPROM Version : 1.0	
	IP Address : 192.168.1.17 Phy_Address : 00-E0-4C-A0-33-68	
	Sub Mask : 255.255.255.0 Default Gateway 192.168.1.1	
	ок Неи	

How to find out which a WIFI environment you are inside



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Extra Info : Link is Up [TxPower:1005] Channel : 1 <∞ 2412000 KHz	Status :	yyy <> 00-	OC-20-03-41-	32		
Link: Speed: T x (Mbps) 54.0 R x (Mbps) 54.0 Throughput: T x (Kbps) 0.0 R x (Kbps) 5.2 Good 100x R x (Kbps) 5.2 Link: Quality: Good -30 dBm 7 dBm Signal Strength: Strong -47 dBm	Extra Info :	Link is Up [TxPower:100	×1	Channel : 1 <>	2412000 KHz
Throughput: F vs (Kbps) 0.0 R vs (Kbps) 5.2 Good 100x 6.00 7.00<	Link Speed :	Tx (Mbps)		54.0	Bx (Mbps)	54.0
Link Quality: Good 100% Good 30 dBm 27 dBm Noise Level: Storag -47 dBm	Throughput :	Tx (Kbps)		0.0	Fix (Kbps)	5.2
Signal Strength : Good - ag dam Storeg - 47 d0m Noise Level :	Link Quality :	Good	100%			
Strong -47 dBm Noise Level :	Signal Strength :					
	Noise Level :	Strong	-47 dBm			

5 Make Ad-Hoc mode connection

• 5.1 Make an Ad-Hoc SSID

Click Add

Profile Name	SSID	Channel	Authentication	Encryption	Network Ty

Choose Ad-hoc

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Add Profile	×
Configuration Authentication and Security	
Profile Name PBDF2 SS	
PSM CAM (Constantly Awake Mode)	C PSM (Power Saving Mode)
Network Type Preamble	TX Power Auto
BTS Threshold O	2347 2347
Fragment Threshold 256	\ 2346 2346
E OK 1	Cancel Armin Help
	the second secon
5	

Name your SSID and choose which channel you want to take for the link

Profile Name	PROF2		SSID	Zie	on	
PSM						
CAM (Cor	istantly Awake	Mode)	C P	SM (Power	Saving Mod	
Maharata Tana	(Le H				1	
Network Type	1Ad no	c	Adhor	wireless	TAURO	-
Preamble	Auto		- mode	- vviitelte a a	802.11 B	'G mix 💌
	hold	0 _		\ ²	2347 2347	Channel
Fragment Th	reshold	256		\ ²	346 2346	1

Activate the link

Ralink Wireless	Utility					P
Profile Link Status	Site Survey Sta	atistics Ad	vanced About			
Profile List						
Profile Name	SSID	Channel	Authentication	Encryption	Network Ty	
PROF1	zion	1	Open	None	Ad hoc	
			-	1 (
Add	Del	ete	Edit		Activate	
						_
				с ок	Help	

- 5.2 Setup static IP address for the Ad-Hoc link
 - At its property page, double click item Internet Protocol (TCP/IP)

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You will get

e appropriate IP settings.	ed to ask yo	our ne	twork a	administ	rator for
Obtain an IP address autor	natically				
Use the following IP address	ss:				
IP address:		1.00		+ca	
Sybnet mask:		1.00		100	
Default gateway:		144	201	270	_
C					
Use the following DNS service	ver addresse				
Preferred DNS server:					
Alternate DNS server:	i i				-

Fill the IP address blank, example as below:

nternet Protocol (TCP/IP) Pro	perties ? ×
General	
You can get IP settings assigned this capability. Otherwise, you ne the appropriate IP settings.	d automatically if your network supports red to ask your network administrator for
Obtain an IP address autor	matically
• Uge the following IP addres	oo:
IP address:	192.168.1.1
Sybnet mask:	(255.255.255.0
Default gateway:	
C Obtain DNS server address	s automatically
Use the following DNS service	ver addresses:
Ereferred DNS server:	
Alternate DNS server:	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	Advanced
	OK Cancel

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- 5.3 Ad-Hoc setup for one point accomplished
- 5.4 Setup another Ad-Hoc point as step A,B,C,D.
- 5.5 Ad-Hoc mode link accomplished. And you can visit each other.

Note: To make an Ad-Hoc mode link, Do remember to choice the same channel, its static IP address should be in the same netsub, and the SSID should be the same too

6 Why it's recommended to choose *optimize for performance* mode while driver installation.

Choose this item, you will get turbo function that is powered by Ralink Technology. With this technology, your will get higher TX throughput.

