2.4G/Wireless-N USB Adapter Quick Installation Guide

1. Hardware Installation

1.1 Hardware Installation for PCI Adapter

- 1) Turn off your desktop PC and disconnect the power.
- 2) Open your PC's case and locate an available PCI slot on the motherboard.Remove the metal slot cover on the back Of the PC. Check with your computermanufacturer for instructions if needed.
- 3) Slide the PCI adapter into the PCI slot. Make sure that all of its pins are touching the slot's contacts. Once the adapter is firmly in place, secure its fastening tab to your PC's chassis with a mounting screw. Then, close your PC's case.
- 4) Reconnect your PC's power and power on your desktop PC

1.2 Hardware Installation for USB Adapter

Connect USB adapter to the USB interface on your computer.

1.3 Hardware Installation for Cardbus Adapter

- 1) Locate an available CardBus slot on your notebook PC.
- 2) With the connector pin end facing the CardBus slot and the label facing up, slide the adapter into the CardBus slot until it locks in place.
- 3) The Status LED should flash when the adapter is installed correctly..

2. Software Installation for Windows XP

1. When "Found New Hardware Wizard" is prompted, click *Cancel*, then insert the Resource CD into your CD-ROM drive. Choose *Wireless-N PCI/USB/Cardbus adapter driver*, pitch on *I accept the terms of the license agreement*, then click *Next* to continue;



2. Follow the Install Shield Wizard steps, and click the *Finish* button when done to reboot the system,Just confirmed it like below:



Note: If Windows XP warns about Windows Logo testing, click *Continue Anyway* to continue the installation.

3 Make infrastructure connection

Double click the icon in red circle

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) n	CG11N-300M		6 96		86%			
-	Rescan	Add to Profil	e Con	nect				

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 **Add to Profile**, and click **ok**, and click **Activate** to finish the connection operation, in this way an infrastructure connection is accomplished.

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-	Rescan	Add to Profile	e Con	nect				
	Status >>	JCG11N-300M	<> 00-13-13-00-	-04-E3		Link Q	uality >> 97%	
	Extra Info >>	 Link is Up [T×F 	ower:100%]			Signal Str	ength 1 >> 90%	
	Channel >>	◦ 6 <> 2437 MH	Hz; central chann	el:8		Signal Str	ength 2 >> 70%	
	Authentication >>	» Open				Signal Str	ength 3 >> 6 5%	
	Encryption >>	WEP				Noise St	rength >> 26%	
	Network Type >>	 Infrastructure 	e		Transmit —		Max	
	IP Address >>	 192.168.1.23 			Link Speed	>> 270.0 Mbps		
	Sub Mask >> Default Gateway >>	 255.255.255.0 192.168.1.254 	1		Throughput	>> 0.000 Kbps	860.068 Kbps	
		— нт —			Receive	ss 242 0 Ubee	Max	
	BW >>40		SNRO >> 13		слик зрееа	>> 243.0 MDD2		
	GI >> long	MCS >> 15	SNR1 >> n/a		Throughput	: >>23.228 Kbps	2.594 Mbps	

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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•	Profile	Network	Advanced	Statistics	www.	Ø WPS	Radio On/Off	About	
Wireless mode >>		2.4G	•		Enable CCX ((Cisco Compati n CCKM Radio Measure -Serving Chann	ble eXtensions) nents el Measurements limit.	-	
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11 E	Select Yo 3/G >>	OUT Country Region 0: CH1-11 0: CH1-11	n Code						
-	Apply	1: CH1-13 2: CH10-11 3: CH10-13 4: CH14							Ŧ
	SUFERFRO 580	5: CH1-14 6: CH3-9 7: CH5-13							

4 Make Ad-Hoc mode connection

4.1 Make an Ad-Hoc SSID

Click *Profile* button, then click *Add* to new profile

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•	Profile	LLL Network	Advanced	Statistics	www.	Ø WPS	Radio On/Off	About	•
		Prot	file List						
					P	vrofile Name >>			
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				OK	Cancel				
				7.5	Canoor				

	Profile List		
PROF1	ABC	Profile Name >> PF	OF1
		SSID >> AE)C
		Network Type >> Ac	Ihoc
		Authentication >> O	pen
		Encryption >> No	ne
		Use 802.1x >> No	>
		Tx Power >> Au	ito
		Channel >> 1	
		Power Save Mode >> C,	M
		RTS Threshold >> 23	347
Add	Edit Delete	Activate Fragment Threshold >> 23	346

Click the *Activate* button to connect to network.

4.2 Setup static IP address for the Ad-Hoc link

At its property page, double click item Internet Protocol (TCP/IP)

Setwork Connections		_ 🗆 🗙
File Edit View Favorites Tools	Advanced Help	
🕝 Back - 🕥 - 🏂 🔎	Search 🎼 Folders 🛄 -	
Address 🔕 Network Connections	🔽 💽 Go 🛛 Jiangmin AntiVirus 💠 Kill viruses 🛛 Scan viruses 🄇	7)Help
	LAN or High-Speed Internet	
 Create a new connection Set up a home or small office network Change Windows Firewall settings View available wireless networks Disable this network device Repair this connection Rename this connection Rename this connection Change settings of this connection Change settings of this connection 	Wireless Network Connection 13 202.11n USB Wireless LAN Card Connect using: 202.11n USB Wireless LAN Card Connect using: 202.11n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure This connection uses the following items: 202.211n USB Wireless LAN Card Configure 202.211n USB Wireless LAN Card Configure	

nternet Protocol (TCP/IP) Prop	erties 🔹 💽					
General						
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
🔵 Obtain an IP address automatic	ally					
Use the following IP address: —						
IP address:	192.168.1.2					
Subnet mask:	255 . 255 . 255 . 0					
Default gateway:	· · · ·					
Obtain DNS server address auto	omatically					
── Use the following DNS server a	ddresses:					
Preferred DNS server:						
Alternate DNS server:	· · ·					
Advanced						
OK Cancel						

- 4.3 Ad-Hoc setup for one point accomplished
- 4.4 Setup another Ad-Hoc point as step 4.1,4.2

4.5 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

5 Some help information in *Rlink Wireless Utility* :

If you need detailed help, please click the Help button



FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the followingmeasures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.