# 11N USB Dongle

## User Guide of WU106n

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#### Installing the software of Windows 2000 XP and Vista

- 1. After installing the hardware to your system. You may turn on your system.
- 2. When Windows is loading, it will pop up a window "Found New Hardware Wizard". Click the "Cancel" button.



## Installing the software of USB Adapter

1. Select the setup file to install.



 The setup program will ask to select configuration tool. Please choose "Configuration Tool" and then click the "Next" button.
 Note: If you want to use "Microsoft Zero Configuration Tool" to be your default configuration tool, please choose "Microsoft Zero Configuration Tool".

Wireless LAN - InstallShield W	Vizard	×
Setup Type Select the setup type that best su	its your needs.	
	Select Configuration Tool.	
	Configuration Tool	
	Microsoft Zero Configuration Tool	
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel	]

3. The setup program is ready to begin installation. Please click the "Install" button.

Wireless LAN - InstallShield	Wizard	X
Ready to Install the Program The wizard is ready to begin ins	n tallation.	
	Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
InstallShield	< <u>B</u> ack [Install] Cancel	]

4. The software installation should begin. This may take a few minutes.



5. Once the installation is success, click the "Finish" button to exit the setup

#### program.

Wireless LAN - InstallShield W	izard
	InstallShield Wizard Complete
	The InstallShield Wizard has successfully installed Wireless LAN. Click Finish to exit the wizard.
InstallShield	< Back Cancel

6. Once the installation has successfully, you may now configure your wireless network.

#### Configuring your wireless network (with Wireless Utility)

#### **Directly Connect**

1. Double click on the computer with wireless signal "E" icon in your taskbar.



2. The wireless utility window should pop up. Please click on "Rescan". Once the "Rescan" is complete, select the wireless network from the list and click the "Connect" button.

Profile	LLL Network	Advanced	Statistics	Qos WMM	<b>Ø</b> WPS	CCX	
Sorted by >>	OISS 🕥		Channel	>>	Signal		Show dBm
3R121g_2.6Kerne	I	<b>11</b> 3	<b>B g</b>	99%			
3R121g_2.6Kerne	I_Test	6	b g	81%			
Amigo		<b>1</b> /2 4	<b>b g</b>	29%			
between a space		6	<b>b g</b>	10%			
Broadband_Route	r	11	🖪 g 👔 🎝	100%			
covia		<b>1</b> 0 6	<b>b g</b>	81%			
ETNT		<b>1</b> /2 3	<b>b g</b>	34%			
Percen						`oppect	

3. If the wireless network has wireless security settings, it will prompt you to type in the wireless network key. Type your password in the text what kind of encryption type the wireless network is. Please click the "OK" button after you done above. If your wireless network does not have any security settings enabled, skip to step 4.

Profile Network	Advanced	Statistics	WMM	Ø WPS	ccx	RF ON	E
Sorted by >> 🕜 SSID		Channel	»	) Signal	C	Show dBm	
MIS	<b>12</b>	<b>B g</b>	20%				
Storage_Router	<b>\$</b> 6	<b>B g</b>	34% 📕				
SW TEST 1234567890123456789012345	11	1 9 1 47	0%				
wg	<b>\$</b> 6	B 9	60%				
wg	6	1 <mark>5</mark> 9 📍	34%				
Wireless_	6	<b>b</b> g	91%				
Wireless_Mobile_Router	<b>\$</b> 6	<b>b</b> g	29%				
Rescan		Add to Profile	-	Co	onnect		
Auth. \ Encry.		802.1x					
Authentication >>	Open	<b>-</b>	Encryption >>	WEF	· •	802.1X	
Preshared Kev >>							
		J					
wep key							
V Key#1	Hex					voru	
Key#2	Hex	<b>-</b>					
Key#3	Hex	•					
A Kev#4	Hev	•			-		
	1.0.20	-					

4. Once the wireless network show up the below window has the connected information, which means you have successfully connected to your wireless network.

UI								
Profile	Network	Advanced	Statistics	wam.	<b>Ø</b> WPS	CCX	RF ON	
Sorted by >	»» 🕜 SSID		Channel		Signal		Show dBm	
Broadband_	Router	11		100%				
covia		10 6	ß g	86%			_	
ETNT		103	n a	29%	_			
Fax Router		10 6	a a	100%				
uic		ць - -		15%	_			- 1
WID .		С 2 К		15/6				
wg		<u>с</u> 		60%				-
Wireless_		0.0	b A	86%				~
Re:	scan		Add to Profile		Cor	nnect		
(	Status Extra Info	>> Broadband_Ro >> Link is Up [TxF	uter <> 00-0E-68-E 'ower: 100%]	E-05-D8		Link Quality >> !		
	Channe	I >> 11 <> 2462 ₩	Hz; central channel	: 9	Si	gnal Strength 1 >	> 97%	
	Authentication	i >> Open			Si	gnal Strength 2 >	> 86%	
	Encryption	I >> NONE			N N	loise Strength >>	26%	
	Network Type	>> Infrastructure	9					
	IP Address	: >> 192.168.1.101		Trans Lieb Cr	smit	Мах		
	Sub Mask	. >> 255.255.255.0		Link St	peed >> 1.0 mpps			
	Default Gateway	· >> 192.168.1.1		Throug	hput >> 0.192 Kbps	104.096 Kbps		
	HT			Recei	ive			
p		CNIDO	2	сілк эр	eed >> 4010 wobz	Max		
BW >>D/		SNRU >> n/-	8	Through	nput >> 30.220 Kbps	27.799		
GI >> D/a	a MCS>> D/a	2NK1 >> D/3	1					

### Add to Profile

1. In your taskbar, locate a small "E" icon, double click on it.



 It should pull up the utility window. First, click on the "Rescan" button to scan you area for wireless network. Once the scan is complete, select the desired wireless network from the list and click "Add to Profile" button. After the desired wireless network has chosen, this line's color will become blue.

∙ U	J.								Þ
	Profile	Network	Advanced	Statistics		Ø WPS	ccx	RFON	
	Sorted by >>	O SSID		Channel		Signal		Show dBm	
	3.5G_Mini_Server		6		81%				^
	Amigo		10 4	Ьg	15%				
	Broadband_Router	5	11	🔓 g 👔 🛷	91%				
	covia		<b>\$</b> 6	<b>b g</b>	86%				
	covia		6	<b>b g</b>	29%				
	ETNT		<b>b</b> 3	<b>b g</b>	34%				
•	Fax_Router		6	<b>B 9</b>	100%				-
	Rescan			Add to Profile		C	onnect		

3. It should show up the Profile window below this window. If you do not have any wireless security (WEP, WPA, WPA2, and etc.) set on your wireless network, simply click the "OK" button and skip to step6. If you do have wireless securities on your wireless network click on the "Auth. \ Encry" tab.

🖬 ປ	J								×
	Profile	Network	Advanced	Statistics	Qos WMM	Ø WPS	ccx	RF ON	•
	Sorted by >>	🥥 SSID		Channel AP Lis	st >>	🥝 Signal	I	Show dBm	
	3.5G_Mini_Server		<b>6</b> 6	<b>B g</b>	81%				^
	Amigo		10 4	<b>B 9</b>	15%				
	Broadband_Router	ć.	11	🧯 g 🧻 🦚	91%				
	covia		<b>\$</b> 6	B g	86% 📕				
	covia		6	<b>b</b> 9	29%				
	ETNT		<b>13</b>	<b>b g</b>	34%				
	Fax_Router		6	<b>b g</b>	100%				~
in.	Rescan	-	_	Add to Profile		(	Connect		
	System	Config		Auth. \ Encry.		802, 1x			
					Network 1	Гуре >>	Infrastructure	1	•
		Profile	Name >> PROF1			Tx Pc	ower>> Aut	to ·	•
			SSID >> Broadb	and_Router	-	Prea	mble >> Aut	to ,	w
	Power Save	Mode >> 🕜 C/	4М 🥥	PSM					
	RTS Threst	nold	0 -		<b>ک</b> 2347	2347			
	Fragment	Threshold	256 -		<b>)</b> 2346	2346	] Diagnosis Capable		
				ок	Cancel				

4. Set your wireless securities settings, when completed, click the OK" button.

- If you have WEP, typically you only enter your WEP key in Key#1.

- If you have WPA, typically you only enter your WPA key in the WPA Preshared Key.

a UI							
Profile	Network	ک Advanced	Statistics	wmm	<b>Ø</b> WPS	CCX RF ON	
Sorted by >>	OISS 🚫		Channel AP Lis	:t>>	Signal	Show dBr	m
3.5G_Mini_Server		<b>1</b> 0 6	<b>b</b> g	81%	_		1
Amigo		6 4	b g	15%			
Broadband_Route	r	11	6 9 0 49	91%			
covia		<b>6</b> 6	b g	86%			
covia		<b>6</b> 6	🕒 🧕	29%			
ETNT		<b>1</b> /2 3	<b>b</b> g	34%			
Fax_Router		6	b g	100% 📕			
Rescan	-	-	Add to Profile		G	onnect	
System	Config		Auth. \ Encry.		802,1x		-
Authe	entication >>	Open	•	Encryption	>> WEF	P	х
Pres	hared Key >>						
Wen k	'ev		1				
Kev#1	.cy	Hev	-				
		TIEX				—	
🎱 Key#2		Hex	•				
🎱 Key#3		Hex	•				
Key#4		Hex	-			-	
			1				
			ок	Cancel			

5. You should now see the profile you created and the information of this profile beside, select on the profile and click the "Activate" button to establish a wireless connection. The below window indicates you're connected.

UI								
Profile	Network	کی Advanced	Statistics		<b>Ø</b> WPS	CCX	RF ON	C)
	Profile List							
PROF1	Broadband Router		Ь		Profile	Name >> PROF	1	
	_					SSID >> Broad	dband_Router	
					Networl	< Type >> Infra	structure	
					Authenti	cation >> Open		
					Encr	yption >> None		
					Use 8	302.1x >> NO		
					Tx	Power >> Auto		
					c	hannel >> Auto		
					Power Save	e Mode >> CAM		
					RTS Thr	eshold >> n/a		
nuu	Luit	Doloto			r ragnent mi	eshold >>117a		
	Status >>	Broadband_Rou	ter <> 00-0E-68-	FF-05-D8				
	Extra Info >>	Link is Up [TxPo	wer:100%]			ink Quality >>	100%	
	Channel >>	11 <> 2462 MH	iz; central channe	9 : 9	Sig	hal Strength 1 :	>> 100%	
	Authentication >>	Open			Sig	hal Strength 2 🤉	> 100%	
	Encryption >>	NONE			N	oise Strength >	> 26%	
	Network Type >>	Infrastructure						
	IP Address >>	192.168.1.107		Т	ransmit	Max		-
	Sub Mask >>	255.255.255.0		Lir	nk Speed >> 135.0 Mbps	mux		
	Default Gateway >>	192.168.1.1		Thr	oughput >> 0.192 Kbps	1.520 Kbps		
	HT			R	eceive	May		10151
PW/ 55.70				Lin	ik Speed >> 27.0 Mbps	Max		
GI >> long	MCS >> 7	SNR1 >> n/a		Thr	oughput >> 19.200 Kbps	20.148 Kbps		

# Configuring your wireless network (with Microsoft Zero Configuration Tool)

- Warning: Due to security reasons, we strongly recommend updating
   Windows XP to service pack 2 and above, if you have not done so.
   If you do not wish to update, please use the Wireless Utility by
   right clicking on the taskbar icon and selecting "Use E-Config as
   Configuration Utility".
- 1. Right click on the computer with wireless signal "E" icon in your taskbar. And then choose the "Use Zero Configuration as Configuration Utility.



2. Once using Microsoft Zero Configuration Tool to configure wireless network, Wireless Utility will be can not configure.



#### Uninstalling the software

 Click on your start menu. Next go to "Programs" or "All Programs". Next go to the folder "Wireless". Next select "Uninstall –WU106n".



2. The uninstall window should pop up. Click on "Yes" button.

Wireless LAN - InstallShi	eld Wizard 📃 🗖 🔀
Preparing Setup Please wait while the Instal	Shield Wizard prepares the setup.
	Wireless LAN Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
	Vireless LAN - InstallShield Wizard Do you want to completely remove the selected application and all of its features? Yes No
InstallShield	Cancel

3. The uninstall process should begin and may take a few minutes. Once completed, click "Finish" to close the uninstall window.

Wireless LAN - InstallShield W	izard
	Uninstall Complete
	InstallShield Wizard has finished uninstalling Wireless LAN.
InstallShield	< Back Finish Cancel

#### FCC statement in User's Manual (for class B)

"Federal Communications Commission (FCC) Statement

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 following measures:

- 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.

### FCC Caution:

- 1. The 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.

2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

3. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.