

Installation Instructions

End Product Labeling: The Final end product label must contain the following statement on the product label: "Contains FCC ID: **RUJ-LR802URN3

** End Product user's manual:

The end product user manual must contain the following statements;

For Customers in the United States

"IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

A statement to caution the user that changes or modifications not expressly appproved by Appro could void the user's authority to operate the equipment. (Reference FCC Title 47 Section 15.21)

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 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." (Reference FCC Title 47 Section 15.105)

Windows 7

Driver Installation

1. For installing the Wireless LAN Card driver, go to the directory where the Wireless Adapter Installation stored, then double-click the **Setup** program to begin the installation.

Include -	in library 🔹 Share with 🔹 Burn	New folder		•	•
Favorites	Name	Date modified	Туре	Size	
Desktop	DATA	2/10/2015 9:55 AM	File folder		
📕 Downloads	EAP	2/10/2015 9:55 AM	File folder		
3 Recent Places	📕 IM	2/10/2015 9:55 AM	File folder		
	퉬 Release notes	2/10/2015 9:55 AM	File folder		
🗃 Libraries	RTWLANU_Driver	2/10/2015 9:55 AM	File folder		
Documents	🚳 _Setup.dll	5/10/2008 1:27 PM	Application extens	326 KB	
J Music	🛃 data1.cab	3/25/2014 4:02 PM	Cabinet File	8,436 KB	
E Pictures	data1.hdr	3/25/2014 4:02 PM	HDR File	64 KB	
Videos	data2.cab	3/25/2014 4:02 PM	Cabinet File	16,584 KB	
	🚳 Install.bat	11/7/2011 11:32 AM	Windows Batch File	1 KB	
Computer	😰 IsConfig.ini	2/4/2015 3:23 PM	Configuration sett	7 KB	
🏭 Local Disk (C:)	ISLangUni.ini	4/26/2013 11:38 AM	Configuration sett	92 KB	
👝 Data (D:)	ISSetup.dll	9/11/2008 6:26 PM	Application extens	543 KB	
- DING_8G (E:)	layoutbin	3/25/2014 4:02 PM	BIN File	1 KB	
	🛃 Setup.exe	10/18/2013 4:55 PM	Application	392 KB	
Network	setup.ico	11/7/2011 11:32 AM	Icon	2 KB	
	Setup.ini	3/13/2014 5:03 PM	Configuration sett	1 KB	
	setup.inx	3/25/2014 11:29 AM	INX File	391 KB	
	setup.iss	3/25/2014 4:12 PM	ISS File	1 KB	
	🚳 Uninstall hat	11/7/2011 11-32 AM	Windows Ratch File	1 KR	

2. Realtek Wireless LAN Setup Wizard is preparing the setup. Click NEXT.



3. The Realtek Wireless LAN driver is installing. Please wait.



4. When the Realtek Wireless LAN – Install shield Wizard screen disappears, the installation of Realtek Wireless LAN driver is now complete. Click **Finish**

REALTEK USB Wireless LAN Driv	ver and Utility
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed REALTEK USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer. Mes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
	Cancel

5. System Reboot.

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network settings.

6. When you complete the installation, the utility icon will appear on the system



). You could double-click it to configure wireless

Uninstalling the Wireless LAN Card

 For uninstalling the Wireless LAN Card, please go to: Control Panel → Program and Features



2. Under Windows environment. Right -click the "REALTEK Wireless LAN Driver and Utility", and then click "Uninstall".

Control Panel Home View installed updates Turn Windows features on or	Uninstall or change a program To uninstall a program, select it from the list and then	click Uninstall, Change, or Repair.	
off	Organize 👻 Uninstall	8	- 0
	Name	Publisher	Installed O
	B Microsoft .NET Framework 4 Client Profile	Microsoft Corporation	1/28/2015
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3	Microsoft Corporation	1/27/2015
	ST DEAL TEX Western LAN Driver and UNITs	REALTER Comission during Com	2/10/2015
	Uninstall	REALTER Semiconductor Corp.	2/10/2015

- 3. **Realtek Wireless LAN Setup Wizard** prepares to uninstall the driver on your system. Please wait.
- 4. Click "Yes" to uninstall the Wireless LAN Card driver and utility.



5. Wait for removing the driver and utility. After completing the uninstalling, click the **Finish.**

Uninstall Complete InstallShield Wizard has finished uninstalling REALTEK USB Wireless LAN Driver and Utility.
< Back Finish Cancel

Configuring the Wireless LAN Card

Double-click the utility icon in your system tray to begin the utility configuration.

Connecting to an existing network

1. Click the **Available Network** Tab, all available Access Points would be listed. Click on the desired Access Point, and click "**Add to Profile**".

ble Network Statu	s Statistics	MED D I ICI			
		WI-H Protect Setup			
Channel	Encryption	Network Authentication	Signal	Туре	-
1	TKIP	WPA Pre-Shared Key	24%	Infrastructure	
1	TKIP/AES	WPA Pre-Shared Key/	84%	Infrastructure	
) 4	None	Unknown	24%	Infrastructure	
4	None	Unknown	24%	Infrastructure	
4	AES	WPA Pre-Shared Key/	48%	Infrastructure	
6	TKIP/AES	WPA Pre-Shared Key/	96%	Infrastructure	
6	AES	WPA2 Pre-Shared Key	24%	Infrastructure	
rJ 6	None	Unknown	24%	Infrastructure	-
6	TKIP/AES	WPA Pre-Shared Key/	24%	Infrastructure	
6	AES	WPA2 Pre-Shared Key	46%	Infrastructure	
6	TKIP/AES	WPA Pre-Shared Key/	92%	Infrastructure	
6	WEP	Unknown	24%	Infrastructure	
7	AES	WPA2 Pre-Shared Key	42%	Infrastructure	
7	TKIP/AES	WPA Pre-Shared Key/	46%	Infrastructure	
9	AES	WPA2 Pre-Shared Key	24%	Infrastructure	_
9	None	Unknown	26%	Infrastructure	
				Infrastructure	
11	AES	WPA Pre-Shared Key/	48%	Infrastructure	
11	AES	WPA2 Pre-Shared Key	24%	Infrastructure	-
				•	
Refresh		Add to Profile		1	
item to join/crea	ate profile.				
1	tem to join/crea	tem to join/create profile.	tem to join/create profile.	tern to join/create profile.	tem to join/create profile.

- 2. Wireless Network Properties
 - 2-1. Click "OK" if you connect to an unsecured network.

2-2. If you connect to a secured network please type the network **security key** or passphrase and then click **"OK"**.

Wireless Network Properties:
This is a computer-to-computer(ad hoc) network; wireless access points are not used.
Profile Name: 6478ac_2.4G
Network Name(SSID): 6478ac_2.4G
Channel: 11 (2462MHz) 🔻
Wireless network security
This network requires a key for the following:
Network Authentication: WPA2-PSK 🔹
Data encryption: AES 🔹
ASCII PASSPHRASE
Key index (advanced): 1
Network key:

Confirm network key:

OK <u>C</u> ancel

3. Wireless network connection is completed (see General Information Tab).

REALTEK 11n USB Wirele	ess LAN Utility	
Refresh(R) Mode(M) A	bout(A)	
MyComputer O Positek PTI 919	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Nealter NTLOID	Status: Associated	
	Speed: Tx:150 Mbps Rx:150 Mbps	
	Type: Infrastructure	
	Encryption: AES	
	SSID: 6478ac_2.4G	
	Signal Strength:	100%
	Link Quality:	100%
	Network Address:	
	MAC Address: 00:0D:F0:C5:5F:B3	
	Realtek RTL8188ETV Wireless LAN 802.11n USB 2.0 Network Adapter	
	IP Address: 192.108.3.100 Subnet Mask: 255.255.0 Gateway: 103.169.2.1	
	Subject Mark. 255.255.25.0 Gateway. 152.108.5.1	
	PoNew ID	
	Kelvew 1P	
۰		
Show Tray Icon	Disable Adapter	Close
Radio Off	Virtual WiFi allowed	0.000

Windows 8

Driver Installation

1. For installing the Wireless LAN Card driver, go to the directory where the Wireless Adapter Installation stored, then double-click the **Setup** program to begin the installation.

File Home Share	View			~
-) -> - 🕆 🔰 « D/	ATA (D:) RTLWIanU_1026.9.0312.2014	_UI_1.00.0241.L >	~ C	Search RTLWIanU_1026.9.0312 🖌
🛠 Favorites	Name	Date modified	Туре	Size
E Desktop	DATA	2/9/2015 4:45 PM	File folder	
Downloads	EAP	2/9/2015 4:45 PM	File folder	
🔛 Recent places	IM 👪	2/9/2015 4:45 PM	File folder	
	🎉 Release notes	2/9/2015 4:45 PM	File folder	
对 Libraries	RTWLANU_Driver	2/9/2015 4:45 PM	File folder	
Documents	Setup.dll	5/10/2008 2:27 PM	Application e	xtens 326 KB
J Music	🔮 data1	3/25/2014 5:02 PM	Cabinet File	8,436 KB
E Pictures	data1.hdr	3/25/2014 5:02 PM	HDR File	64 KB
Videos	🔮 data2	3/25/2014 5:02 PM	Cabinet File	16,584 KB
	🚳 Install	11/7/2011 11:32 AM	Windows Bat	ch File 1 KB
Computer	IsConfig	2/4/2015 3:23 PM	Configuration	n sett 7 KB
🏭 Local Disk (C:)	ISLangUni	4/26/2013 12:38 PM	Configuration	n sett 92 KB
DATA (D:)	ISSetup.dll	9/11/2008 7:26 PM	Application e	xtens 543 KB
🖆 DVD RW Drive (E:) H	layout.bin	3/25/2014 5:02 PM	BIN File	1 KB
And an	Setup	10/18/2013 5:55 PM	Application	392 KB
Network	Setup	11/7/2011 11:32 AM	lcon	2 KB
	Setup	3/13/2014 6:03 PM	Configuration	n sett 1 KB
	setup.inx	3/25/2014 12:29 PM	INX File	391 KB
	setup.iss	3/25/2014 5:12 PM	ISS File	1 KB
	🚳 Uninstall	11/7/2011 11:32 AM	Windows Bate	ch File 1 KB
	Uninstall.iss	11/7/2011 11:32 AM	ISS File	1 KB

2. Realtek Wireless LAN Setup Wizard is preparing the setup. Click NEXT.



3. The Realtek Wireless LAN driver is installing. Please wait.



4. When the Realtek Wireless LAN - Install shield Wizard screen disappears, the installation of Realtek Wireless LAN driver is now complete. Click Finish

REALTEK	USB Wireless LAN Driver and Utility
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed REALTEK USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer. Yes, I want to restart my computer now: No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
	< <u>B</u> ack Finish Cancel

System Reboot. 5.

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6. When you complete the installation, the utility icon will appear on the system



). You could double-click it to configure wireless network settings.

Uninstalling the Wireless LAN Card

1 ➤ For uninstalling the Wireless LAN Card, please go to: Control Panel →
 Program and Features



2 Vunder Windows environment. Right -click the "REALTEK Wireless LAN Driver and Utility", and then click "Uninstall".

Control Panel Hon View installed upd	ne Uninstall or change a program ates To uninstall a program, select it from the list	t and then click Uninstall, Change, or Repair.	
😵 Turn Windows fea off	tures on or Organize 👻 Uninstall		## • 🖬
	Name	Publisher	Installed On
	Microsoft Visual C++ 2000 Redistributable - x	00 9.0.3 Microsoft Corporation	2/10/2015
	REALTEK Wireless LAN Driver and Utility	REALTEK Semiconductor Corp.	2/10/2015

- 3 **Realtek Wireless LAN Setup Wizard** prepares to uninstall the driver on your system. Please wait.
- 4 Click "Yes" to uninstall the Wireless LAN Card driver and utility.



5 • Wait for removing the driver and utility. After completing the uninstalling, click the **Finish.**

REALTEK	USB Wireless LAN Driver and Utility
	Uninstall Complete InstallShield Wizard has finished uninstalling REALTEK USB Wireless LAN Driver and Utility.
	< <u>B</u> ack Finish Cancel

Configuring the Wireless LAN Card

Double-click the utility icon in your system tray to begin the utility configuration.

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1. Click the **Available Network** Tab, all available Access Points would be listed. Click on the desired Access Point, and click "**Add to Profile**".

MvComputer	General Profile	Available 1	Vetwork N+=+	e Statietice	Wi-Fi Protect Setup			
Realtek RTL818					With Notest Setup			
	Available Netw	ork(s)						
	SSID		Channel	Encryption	Network Authentication	Signal	Туре	BS
	1°) DIR-855		1	TKIP/AES	WPA Pre-Shared Key/	76%	Infrastructure	00
	1 ⁹⁾ SeaMaster		1	TKIP	WPA Pre-Shared Key	44%	Infrastructure	00
	1 ⁹ dahua.foo	ds	1	TKIP	WPA Pre-Shared Key	42%	Infrastructure	C8
	1 ⁹⁾ crestron Me	eting	3	None	Unknown	24%	Infrastructure	80
	1 ⁹⁾ wooheel		4	AES	WPA Pre-Shared Key/	48%	Infrastructure	BC
	1 ⁹ ADSL		6	TKIP/AES	WPA Pre-Shared Key/	92%	Infrastructure	06
	I ⁿ Brandma		6	AES	WPA2 Pre-Shared Key	44%	Infrastructure	74
	1 ⁹⁹ HeFeng Ca	sa	6	WEP	Unknown	24%	Infrastructure	00
	1 ⁹⁹ Ming		6	AES	WPA2 Pre-Shared Key	24%	Infrastructure	60
	L [®] QCOM_AD	SL	6	TKIP/AES	WPA Pre-Shared Key/	92%	Infrastructure	00
	1 ⁹⁹ Xiaomi		7	AES	WPA2 Pre-Shared Key	24%	Infrastructure	80
	Xiaomi_Gu	est	7	TKIP/AES	WPA Pre-Shared Key/	24%	Infrastructure	8E
	1.0		9	None	Unknown	24%	Infrastructure	00
	6478ac_2.	4G		TKIP/AES	WPA Pre-Shared Key/	100%	Infrastructure	80
	ADTC2		11	AES	WPA2 Pre-Shared Key	24%	Infrastructure	FC
	I ⁽ⁱ⁾ EDIMAX		11	TKIP	WPA Pre-Shared Key	46%	Infrastructure	80
	1 ⁹⁾ EDIMAX-BI	R6504N	11	TKIP/AES	WPA Pre-Shared Key/	96%	Infrastructure	00
	I⁹⁾gk4911		11	AES	WPA2 Pre-Shared Key	24%	Infrastructure	40
	<							>
			Pofroch		Add to Brofil		1	
			Renear		Add to From	6		
	Note							
	Double c	lick on ite	m to join/cre	ate profile.				
>								
Chave Trave Isan			Disable A	danter				

2. Wireless Network Properties

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Profile Name:	6478ac_2.4G	
Network Name(SSID):	6478ac_2.4G	
Channel:	11 (2462MHz) \vee	
Wireless network security		
This network requires a key for the following:		
Netwo	ork Authentication: WPA2-PSK 🛛 🗸	
	Data encryption: AES 🗸	
ASCII PASS	SPHRASE	
Key index (advanced): $1 \lor$		
Network key:		

Confirm network key:		

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3. Wireless network connection is completed (see General Information Tab).

🔉 🛛 🛛 🗛 🛛 🥵 REALTEK 11n USB Wireless LAN Utility 💦 🗕 🗖 🗙		
Refresh(R) Mode(M) About(A)		
B- WyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Realtek RTL818	Status: Associated	
	Speed: Tx:150 Mbps Rx:150 Mbps	
	Type: Infrastructure	
	Encryption: AES	
	SSID: 6478ac_2.4G	
	Signal Strength: 100%	
	Link Quality: 100%	
	Network Address: MAC Address: 00:0D:F0:C5:5F:B3 Realtak RTL8188ETV Wireless LAN 802.11n USB 2.0 Network Adapter IP Address: 192.168.3.100	
	Subnet Mask: 255.255.255.0 Gateway: 192.168.3.1	
	Rohaw ID	
	IVENEW TL	
< >		
Show Tray Icon	Disable Adapter Close	