



- ✤ Please remove any ADSL USB Modem Driver or dial-up software and disable the firewall. As they may cause connection problem.
- ★ This quick installation is meant to help you to install the product quickly and easily. For further information, please refer to the User Manual

ADD-NWAR3650 Quick Installation Guide

Package Contents

- 1 x Wireless Modem Router
- 1 x Power Supply
- 1 x CD-ROM
- 1 x Quick Installation Guide
- 1 x Ethernet (RJ45) Cable - 1 x Telphone (RJ11) Cable



Indicator	Status	Description		
	Off	The power is off.		
	Green	The power is on and the device operates normally.		
D		The power is self-testing.		
Power	Red	The device enters the console mode of the boot loader.		
		The self-testing of the power fails if the LED is always red.		
	Blink Red	Upgrading software.		
	Off	No signal is detected.		
ADSL	Blink Green	The DSL line is training.		
	Green	The DSL line connection is established.		
	Off	No internet connection.		
Internet	Green	The users can access the Internet.		
	Red	Device attempts to become IP connected but fails.		
	Off	No Ethernet signal is detected.		
LAN4/3/2/1	Blink Green	The user data is passing through Ethernet port.		
	Green	Ethernet interface is ready to work		
	Off	No radio signal is detected.		
WLAN	Blink Green	The user data is passing through.		
	Green	WLAN interface is ready to work.		
MDS	Off	WPS service is not during using, or WPS service is setup successfully.		
WP5	Blink Green	The WPS service tries to establish.		
USB	Off	No USB signal is detected.		
	Blink Green	The user data is passing through USB port.		
	Green	The USB interface is ready to work.		

Before You Start

Proper placement of your Gateway is important to improve your network performance. The figure below is a rough overview of the connection. Especially, in order to ensure the best performance of your wireless network, keep the following tips in mind to choose the location of your ADDON Gateway:

- Place the Gateway on a flat, stable surface.
- Keep the device clear from metal obstructions and away from direct sunlight.
- Keep the Gateway away from transformers, heavy-duty motors, fluorescent light, microwave ovens, refrigerators and other industrial equipments to prevent signal loss.
- Do NOT place objects or components on top of the Gateway.
- Locate the Gateway in a central area as possible to provide better coverage for all wireless clients.
- Connect the Power adapter to the receptor at the back panel of the ADD-NWAR3650 and plug the other end of the power adapter to the wall outlet or power strip. The PWR LED will turn ON to indicate proper operation.

- Insert an Ethernet cable to LAN port 1 on the back panel of the ADD-NWAR3650 and an available Ethernet port on the network adapter in the computer you will use to configure the ADD-NWAR3650. The LED light for LAN Port 1 will illuminate to indicate proper connection.



Warning: Only use the power adapter is provided from this package, use other power adapter may cause hardware damage

1. Hardware Connection

Rear panel:



Interface	Description
Line	RJ-11 port: Connect the Modem to ADSL connector or splitter by telephone line.
WLAN	Enable or disable the WLAN. Press the button to enable WLAN.
Reset	To restore the factory default, keep the device powered on and push a long needle into the hole. Press down the button and then release.
WPS	Enable or disable the WPS. Press the button to enable WPS.
LAN1/2/3/4	RJ-45 port: Connect the Modem to a PC or other network device by network cable.
USB	USB host port, connect to another USB device to supply some value-added application.
Power	Power supplied port, plug in for power adapter that the power input is 12V DC, 1.25 A.
Û	Power switch.

Physical Connection

- 1. Connect the ADSL cable from BT filter to the Line port at the back of the router.
- 2. Connect the Ethernet cable from the Ethernet port on the router to the Ethernet port on the PC.
- 3. Plug the power cable to the router and turn on the power for the router.

PC Configuration

Windows XP

- 1. Click "start" -> "Control Panel" -> "Network Connections".
- 2. Right click on "Local Area Connection" under "LAN or High Speed Internet" and choose "Properties"
- 3. Select "Internet Protocol (TCP/IP)", and click "Properties", as shown in fig.1
- 4. Select "Obtain an IP address automatically" and "Obtain DNS server address automatically", click "OK" to save the settings.

Internet Explorer Configuration

Windows XP

- 1. Click "start"->"control panel"->"Internet Options", as shown in fig 3.
- 2. Click tab "Connections", select "Never dial a connection".

🕹 Local Area Connection Properties 🛛 🔹 😰 🔯	Internet Protocol (TCP/IP) Properties	Internet Options
General Authentication Advanced	General Alternate Configuration	General Security Privacy Content Connections Programs Advanced
Connect using: Image: SiS 900-Based PCI Fast Ethernet Adapter	You can get IP settings assigned automatically if your network supports this capability. Ditherwise, you need to ask your network administrator for the appropriate IP settings.	To set up an Internet connection, click Setup. Setup Dial-up and Virtual Private Network settings
Configure This connection uses the following items:	Dbtain an IP address automatically Use the following IP address:	Add Remove
Client for Microsoft Networks Client for Microsoft Networks QoS Packet Scheduler QoS Packet Scheduler Install Install Properties Description	IP address: IP address: Subnet mask: IP address: Default gateway: IP address: Image: Subnet mask: Image: Subnet mask: Default gateway: Image: Subnet mask: Image: Subnet mask: Image: Subnet mask: Image: Subnet mask: Image: Subnet mask: Default gateway: Image: Subnet mask: Image: Subnet mask: Image: Subnet mask:	Choose Settings if you need to configure a proxy server for a connection. O Never dial a connection O Dial whenever a network connection is not present O Always dial my default connection Current default: None Set Default
Iransmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. Show icon in notification area when connected	Preferred DNS server	Local Area Network (LAN) settings LAN Settings do not apply to dial-up connections. Choose LAN Settings Settings above for dial-up settings.
OK Cancel	Advanced	OK Cancel Apply

2. ADSL2+ Router Configuration

Step 1: Open Internet Explorer, enter NWAR3650 default IP address <u>http://192.168.1.1</u> in the address bar and press Enter, as shown in fig. 4

Step 2: Enter "admin" as the username and "admin" as the password, if the login box pops up. Click "OK" to login to the web management site.

HIE LOIC VIEW HAVOVICES LOOIS HEIP	Connect to 192 168 1 1
🕞 Back 🔹 🕥 👻 📓 🏠 🔎 Search 👷 Favorites 🚱	
Address http://192.168.1.1/	
Google 🛛 😽 Search 🕫 🖉 👘 🗸 🖉	S () U
Fig.4	DSL Router
	User name: 🕵 admin
	Password:
	<u>R</u> emember my password
	OK Cancel
	Fig.5

Step 3: The homepage of the router will be shown as below.

🗿 DSL Router - Microsoft II	nternet Explorer			EN English (United Kingdom) 🛛 📜 🖬 🗙
Ele Edit View Favorites	Tools Help			an 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19
🕒 Back 🔹 🕥 🕤 💌	😰 🏠 🔎 Search havorites	🚱 🔗 🝓 🕞 🗾 🎇 🕯	> 86	
Address 🛃 http://192.168.1.1/				So Links *
Google	🗸 🛃 Search 🔹 🖉 🍏 🐔 🗸 🏈 🦷	🕨 🖉 🔹 🤍 Sidewiki 🔹 🦃 Check 🔹 🍓 Tran	slate • 🎦 AutoFill • 🔦 • 🌛	🗞 + 🔵 Sign In + 🛛 🕀 +
CADDON Extending flootbilities for people	Device Info			
Device Info	Board ID:	96358VW2		
Advanced Setup	Software Version:	091216_1845-4.02L.03.wp1.A2pB025k.d21j2		
Wireless	Bootloader (CFE) Version:	1.0.37-102.6		
Management	Wireless Driver Version:	5.10.85.0.cpe4.402.0		
	This information reflects the cu	urrent status of your DSL connection.		
	Line Rate - Downstream (Kbps):		
	LAN IPv4 Address:	192.168.1.1		
	Default Gateway:	pppoa0		
	Primary DNS Server:			
	Secondary DNS Server:			
Done				Internet

Step 4: Click on "Advanced Setup"-> "WAN Service" and then click on "Edit"

DSL Router - Microsoft In	ternet Explorer	
Eile Edit View Favorites	Iools Help	
🚱 Back 🔹 🐑 - 💌 [🗟 🏠 🔎 Search 🤺 Favorites 🛛 🔗 - 😓 🙈 🖂 🖵 🛄 🎇 🚳 🍪	
Address an http://192.168.1.1/		🕑 🄁 Go 🛛 Links
Google	🔽 🚼 Search + 🖗 🧭 🕫 🖉 🌵 - 🧕 Sidewiki + 🖓 Check + 👪 Translate + 🍃 AutoFill + 🔦 + 🌽	🔦 🔹 🔵 Sign In 🔹 🔶 ·
ADDON Extending flexibilities for people		
	Wide Area Network (WAN) Service Setup	
	Choose Add, or Remove to configure a WAN service over a selected interface.	
Device Info		
Advanced Setup	Interface Description Type Vlan8021p VlanMuxId ConnId Igmp NAT Firewall Remove Edit	
LAN	pppoa0 pppoa_0_0_38 PPPoA N/A N/A N/A Disabled Enabled Enabled	
NAT		
Security Quality of Service	Add Remove	
Routing		
DNS		
Upnp		
Dns Proxy		
LAN Ports		
IPSec		
Certificate FTP configure		
Wireless		
Diagnostics		
management		
e		Internet

Step 5: Click on "Next" to continue.

🗟 DSL Router - Microsoft Internet Explorer 📃 🖉 🔀					
Eile Edit Yiew Favorites	Tools Heb				
🚱 Back 🝷 🐑 💌 💌	🖻 🏠 🔎 Search 👷 Favorites 🤣 🎰 😓 🔜 🛄 🇱 💷 💭				
Address 🛃 http://192.168.1.1	1/ 💌 🄁 Go Units				
Google	👻 🛃 Search + 🖗 ØØ 🕼 + 🖉 🕼 + 🔲 Sidewild + 🦉 Check + 👪 Translate + 🦙 AutoFil + 🔌 + 🌽 🖉 🔌 🔍 Sign In + 👰 +				
Device Info Advanced Setup WAN Service LAN NAT	ATM PVC Configuration This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service categoryS. VPI: [0-255] VCI: [32-65533] 39				
Security Quality of Service Routing DNS DSL Upop Dns Proxy Interface Grouping LAN Ports IPSec Certificate FTP configure Wireless Diagnostics Management	 That Le course, re				

Step 6: Click on "Next" to continue

	n next to continue.		
Ip Ip Ip <th>DSL Router - Microsoft Internet Explorer</th> <th></th> <th></th>	DSL Router - Microsoft Internet Explorer		
Control	Elle Edit View Figurantes Tools Help		
Adder () Physical Call () Concept () Physica	😋 Back 🔹 🐑 🗧 🌠 🖉 Search 🤺 Favorites 🤣 😥 - 🌺 🐘 🖂 💭 🛍 🥥 🦓		
Concile	Address 🕘 http://192.168.1.1/	👻 🔁 Go	Links »
Device Info Advanced Setup WAN Service LAN NaT Security Quality of Service Routing Dos Dos <	Google 🚽 🛃 Search + 🗄 🧭 🗉 - 🧭 🍁 - 📓 + 💭 Sidewiki + 👘 Check + 🔝 Translate + 🦖 AutoFill + 🐴 + 🔌	🔦 🔹 🔵 Sign In 🔹	- 💭
WAX Service Configuration WAX Service Configuration WAX Service Description pool 0 0 3 Fitter	Conding Two billies for purple		
Perice Info Andwanced Setup WAN Service LAN Security Quality of Service Routing Disp Disp Foord ILAN Ports Besice Pise Certificate FTP configure Wiceless Diagnostics Management	WAN Service Configuration		
	Device Info Advanced Setup WAN Service LAN NAT Security Quality of Service Routing DNS DSI Upp Dns Proxy Interface Grouping LNN Ports IPSec Certificate FIP configure Wireless Diagnostics Management		
🖹 Done		Internet	

Step 7: Enter your ISP's username and password, and then click on "Next" to continue.

🗿 DSL Router - Microsoft Int	ternet Explorer	- 7 🛛
Ele Edit View Favorites	Iools Help	
🌀 Back 🝷 🕥 🕤 🔀 🕻	🗟 🏠 🔎 Search 👷 Favorites 🤣 🔗 - 🖕 💦 🥽 💭 🛄 🎇 🚳	
Address 🖉 http://192.168.1.1/		Go Links »
Google	🔍 🔮 Search + 🖗 🧭 🗧 🏈 💠 🖉 🗧 🔍 Sidewiki + 🖤 Check + 🐻 Translate + 🦖 AutoFill + 🔨 + 💋	n - 🌪 -
CADDON Extending Rexibilities for people	PPP Username and Password	
	PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provide	ed
Device Info	to you.	
Advanced Setup	PPP Username;	
LAN	PPP Password:	
NAT	Authentication Method: AUTO	
Security		
Quality of Service	MTU[1-65535]: 1492	
Routing	✓ Enable NAT	
DSL	Enable Fullcone NAT	
Upnp		
Dns Proxy		
LAN Ports	Dial on demand (with idle timeout timer)	
IPSec	PPP IP extension	
Certificate	Use Static IPv4 Address	
FTP configure Wireless	Enable PPP Debug Mode	
Diagnostics		
Management	IGMP Multicast	
	Enable IGMP Multicast	
	Bac] Next	
Done	🔮 Internet	

Step 8: Click on "Next" to continue.

	ontinde.	
DSL Router - Microsoft I	nternet Explorer	
<u>File Edit View Favorites</u>	<u>Iools</u> Help	<u>at</u>
🚱 Back 🝷 🕥 🐇 💌	📓 🏠 🔎 Search 🤺 Favorites 🔗 🥪 🎧 🥽 🔜 🛄 🎇 🧠 🐍	
Address 🛃 http://192.168.1.1/		Go Links 🎽
Google	🔍 🚼 Search + 🖗 Ø 🧔 + Ø 🦣 + 📓 + 🔲 Sidewiki + 🦃 Check + 👪 Translate + 🍗 AutoFill + 🔨 + 🌽	🔦 🔻 🔵 Sign In 👻 🛖 👻
	Routing Default Gateway	
Device Info Advanced Seture	Select a preferred wan interface as the system default gateway.	
WAN Service	Selected WAN Interface pppoa_0_0_38/pppoa0 🛩	
LAN		
NAT Security		
Quality of Service		
Routing		
DSL		
Upnp	Back Next	
Dns Proxy Interface Grouping		
LAN Ports		
IPSec Certificate		
FTP configure		
Wireless		
Diagnostics Management		
3		
Done		🍘 Internet

Step 8: Click on "Next" to continue.

🗿 DSL Router - Microsoft I	nternet Explorer	- 7 🛛				
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Ele Edit View Fgvorites Iools Help					
🔇 Back 🔹 🐑 🛛 💌	🗟 🏠 🔎 Search 🧙 Favorites 🛷 🔗 🎭 🎧 🖂 📙 🋍 🥥 🆓					
Address 🛃 http://192.168.1.1	1	💌 🔁 Go 🛛 Links 🌺				
Google	🚽 🛃 Search 🔹 🖉 🧔 🔹 🥥 🖶 🛛 🧕 💭 Sidewiki 🗧 🥙 Check 🔹 👪 Translate 📲 AutoFill 🕫 🔨 🖌	🔌 • 🔵 Sign In • 🛛 🚔 •				
Device Info Advanced Setup WAN Service LAN NAT Security Quality of Service Routing DNS DSL Upp Dns Proxy Interface Grouping LAN Ports IPSec Certificate FTP configure Wireless Diagnostics Management	Description of the two selected WAN interface Contrast to CNS server IP addresses. If only a single PVC with PoA or static MER protocol is configured, you must enter static DNS server IP addresses. Contrast the CNS info form a WAN interface: With Interface selected: ippagl_g38ppgogl_ga Contrast the ONS info server: Contrast to DNS server:	Internet				

Step 9: Click on "Save/Apply" to continue.

a DSL Router - Microsoft In							
Ele Edit View Eavorites	Tools Help						
G Back + 🕥 - 💌	C Back + C - R C A C D Search → Favorites C C C + R C R C R C R C R C R C R C R C						
Address Abtrol/102 169 1 1/					V No Linke »		
Coords	and the second s	. 🧑 🗛 🛛 🖏 🗆 🗤	and a MS charles in Translate a St Asserting 🔗 a 🦂				
		9 1 8 4					
	WAN Setup - Summa	ary					
	Make sure that the set	tings below match the set	ttings provided by your ISP.				
Device Info	PORT / VPI / VCI:	0/0/38					
WAN Service	Connection Type:	PPPnA					
LAN	Service Name:	pppoa 0 0 38					
NAT	Service Category:	UBR					
Security Duality of Comica	IP Address:	Automatically Assigned					
Routing	Service State:	Enabled					
DNS	NAT:	Enabled					
DSL	Full Cone NAT:	Disabled					
Upnp Dec Provi	Firewall:	Enabled					
Interface Grouping	IGMP Multicast:	Disabled					
LAN Ports	Quality Of Service:	Disabled					
IPSec	Click "Save/Apply" to b	ave this interface to he e	ffective. Click "Back" to make any modifications				
Certificate	Click: "save/Apply" to have this interface to be effective. Click: "sack" to make any nodifications. Back Save/Apply						
Wireless							
Diagnostics							
Management							
Done					Internet		

Step10: To check connection, click on Device Info->"WAN", you will see status show "Connected" and your IPv4 Address.



3. Connect your wireless PC/laptop to ADD-NWAR3650

- For Windows Vista:

Connect to a network

Turn on activity animation

Turn off notification of new networks

- 1. Right click on "Connection" in the system tray.
- 2. Select "Connect to a network", all available networks will be shown in the list.
- 3. Select "ADD-NWAR3650" and click on "Connect", as shown in fig. 7.
- 4. Please enter network key when you see fig. 8 and click on "Connect".

Diagnose and repair		
Network and Sharing Center		
Fig.6		
Connect to a network	15	Some to a network
Select a network to connect to		Type the network security key or passphrase for ADD-NWAR3650
Show All	69	The person who setup the network can give you the key or passphrase.
ADD-NWAR3650 Security-enabled network	littee	Security key or passphrase:
ADDON GWAR3000 Security-enabled network	lltr.] Display characters
Set up a connection or network Open Network and Sharing Center		if you have a <u>USE flash drive</u> with network settings for ADD-NWAR3650 , insert it now.
	Connect Concel	Connect Cancel
Fig 7		Fig 9

Fig.7

Fig.8

For any further information on ADDON NWAR3650, please refer to your user's manual in the CD.

Please note:

According to IEEE industrial standard, the connection speed will be up to 54Mbps using WEP and TKIP encryption in 11n mode. To maximize your connection speed in 11n mode, we recommend the customers to use WPA/WPA2 with AES encryption for your wireless connection.