

# 11n Wireless ADSL Modem Router (For ASUS EZ User Interface) User Manual

E4549

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## Table of contents

### About this guide

This user guide contains information that you need to install and configure the ASUS Wireless Router.

### How this guide is organized

This guide contains the following parts:

- **Chapter 1: Knowing your wireless router**

This chapter provides information on the package contents, system requirements, hardware features, and LED indicators of the ASUS Wireless Router.

- **Chapter 2: Setting up the hardware**

This chapter provides instructions on setting up, accessing, and configuring the ASUS Wireless Router.

- **Chapter 3: Configuring the network clients**

This chapter provides instructions on setting up the clients in your network to work with your ASUS Wireless Router.

- **Chapter 4: Configuring via the web GUI**

This chapter provides instructions on configuring the ASUS Wireless Router using its web graphics user interface (web GUI).

- **Chapter 5: Troubleshooting**

This chapter provides you with a troubleshooting guide for solving common problems you may encounter when using the ASUS Wireless Router.

- **Appendices**

This chapter provides you with the regulatory Notices and Safety Statements.

### Conventions used in this guide

**WARNING:** Information to prevent injury to yourself when trying to complete a task.

**CAUTION:** Information to prevent damage to the components when trying to complete a task.

**IMPORTANT:** Instructions that you **MUST** follow to complete a task.

**NOTE:** Tips and additional information to aid in completing a task.

# Knowing your wireless router

## Package contents

Check the following items in your ASUS Wireless Router package.

DSL-N11 11n WiFi ADSL Router  
AC Power adapter (type varies by region)  
Category 5 (CAT5) Ethernet cable  
RJ-11 cable  
Support CD (manual, utilities)  
Splitter (type varies by region)  
Quick Start Guide

**Note:** If any of the items is damaged or missing, contact your retailer.

## System requirements

Before installing the ASUS Wireless Router, ensure that your system/network meets the following requirements:

- An Ethernet RJ-45 port (10Base-T/100Base-TX)
- At least one IEEE 802.11b/g/n device with wireless capability
- An installed TCP/IP and Internet browser

## Before you proceed

Take note of the following guidelines before installing the ASUS Wireless Router:

- The length of the Ethernet cable that connects the device to the network (hub, ADSL/cable modem, router, wall patch) must not exceed 100 meters.
- Place the device on a flat, stable surface as far from the ground as possible.
- Keep the device clear from metal obstructions and away from direct sunlight.
- Keep the device away from transformers, heavy-duty motors, fluorescent lights, microwave ovens, refrigerators, and other industrial equipment to prevent signal loss.
- Install the device in a central area to provide ideal coverage for all wireless mobile devices.

Chapter 1: Knowing your wireless router DSL-N11

- Install the device at least 20cms from a person to ensure that the product is operated in accordance with the RF Guidelines for Human Exposure adopted by the Federal Communications Commission.

## Hardware features

### Front panel

The DSL-N11 11g WiFi ADSL Router front panel contains LED indicators which shows the status of DSL-N11.

DSL-N11\_11gWiFi ADSL Router

### Status indicators

LED	Status	Indication
<b>Power</b>	Solid Green	Power on, normal operation
	Off	Power off or failure
<b>ADSL SYNC</b>	Solid Green	ADSL link is established
	Flashing (Green)	Unable to establish an ADSL link
	Off	No ADSL link
<b>ADSL Data</b>	Flashing (Green)	Sending/receiving data
	Off	No data transfer
<b>WLAN</b>	Flashing (Green)	Establishing WLAN connection
	Off	No wireless connection

<b>WPS</b>	Flashing	In process
	Flashing (Red)	Fail
	Green	Success
	Off	No connection
<b>LAN1-LAN4</b>	Solid Green	Has physical connection to a network via Ethernet cables
	Flashing (Green)	Sending or receiving data
	Off	No power or no physical connection

DSL-N11 Chapter 1: Knowing your wireless router ADSL LAN1-LAN4 Reset Power On/Off/WPS

## Rear panel

Item	Description
ADSL	Connect an RJ-45 cable to the bundled splitter
LAN1-LAN4	Connect RJ-45 Ethernet cables to these ports to establish LAN connection.
RESET	This button restores the system to its factory default settings.
POWER	Insert the AC adapter into this port to connect your router to a power source
ON/OFF	Press this button to turn the power on/off
WPS	This button launches the WPS utility.

## Product features

The Wireless Router provides the following features:

- Built-in ADSL modem

- Built-in firewall

- IEEE802.11n standard-based wireless network, backward compatible with 802.11b/g devices

- ASUS New UI - An objective & task-oriented web-based configuration interface.

- Quick Internet Setup (QIS) for ADSL connection, wireless, and security configurations.

- Network Map for straight-forward network information & management

- EZQoS for application-based bandwidth management, with intuitive control interface.

## Bottom panel

2  
1  
1

Item	Description
1	<b>Mounting hooks</b> Use the mounting hooks to mount your router on concrete or wooden surfaces using two roundhead screws.
2	<b>Air vents</b> These vents provide ventilation to your router.

**Note:** For details on mounting your router on a wall or ceiling, refer to the section **Mounting options** on the next page of this user manual.

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## Mounting options

Out of the box, the ASUS Wireless Router is designed to sit on a raised flat surface like a file cabinet or book shelf. The unit may also be converted for mounting to a wall or ceiling.

### To mount the ASUS Wireless Router:

1. Look on the underside for the two mounting hooks.
2. Mark two upper holes in a flat surface.
3. Tighten two screws until only 1/4" is showing.
4. Latch the hooks of the ASUS Wireless Router onto the screws.

**Note:** Re-adjust the screws if you cannot latch the ASUS Wireless Router onto the screws or if it is too loose.

Chapter 2: Setting up the hardware DSL-N11

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# 2

## Setting up the hardware

### Setting up the wireless router

The ASUS Wireless Router meets various working scenarios with proper configurations. You may need to change the wireless router's default settings so as to meet the requirements in your wireless environment.

**Notes:** We recommend that you use wired connection for initial configuration to avoid possible setup problems due to wireless uncertainty.

### Setting up a wired connection

The ASUS Wireless Router is supplied with an RJ11 cable, an RJ45 LAN cable, and a splitter in the package. The wireless router has integrated auto-crossover function, so use either straight-through or crossover cable for wired connection.

#### To set up the wired connection:

1. Insert the splitter's line connector to the phone outlet and connect your phone into the phone port (A).
2. Connect your wireless router's LINE port to the splitter's DSL port (B).
3. Using the bundled RJ45 LAN cable, connect your computer to the wireless router's LAN port (C).

(C)

(B)

(A)

## Setting up a wireless connection

### To set up the wired connection:

1. Insert the splitter's line connector to the phone outlet and connect your phone into the phone port (A).
2. Connect your wireless router's LINE port to the splitter's DSL port (B).
3. Turn on your computer and double-click the wireless network icon on the Windows® task bar to view available networks. Select your wireless router. By default, there is no security key for the wireless router. Click **Connect** and the connection is completed within seconds.

(B)

(A)

To protect your network from malicious attacks or unauthorized access, click **Advanced Setting > Wireless** on the web GUI.

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Chapter 3: Configuring the clients DSL-N11

# 3

## Configuring the network clients

### Accessing the wireless router

#### Setting an IP address for wired or wireless client

To access the ASUS Wireless Router, you must have the correct TCP/IP settings on your wired or wireless clients. Ensure that the clients' IP addresses are within the same subnet as the ASUS Wireless Router.

By default, the ASUS Wireless Router integrates the DHCP server function, which automatically assigns IP addresses to the clients in your network.

But in some instances, you may want to manually assign static IP addresses on some of the clients or computers in your network rather than automatically getting IP addresses from your wireless router.

Follow the instructions below that correspond to the operating system installed on your client or computer.

**Note:** If you want to manually assign an IP address to your client, we recommend that you use the following settings: • **IP address:** 192.168.1.xxx (xxx can be any number between 2 and 254. Ensure that the IP address is not used by another device) • **Subnet Mask:** 255.255.255.0 (same as the ASUS Wireless Router) • **Gateway:** 192.168.1.1 (IP address of the ASUS Wireless Router) • **DNS:** 192.168.1.1 (ASUS Wireless Router) or assign a known DNS server in your network

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#### Windows® 9x/ME

1. Click **Start > Control Panel > Network** to display the Network setup window.
2. Select **TCP/IP** then click **Properties**.
3. If you want your computer to automatically obtain an IP address, click **Obtain an IP address automatically** then click **OK**. Otherwise, click **Specify an IP address**, then key in the **IP address** and **Subnet Mask**.

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4. Select the **Gateway** tab, and key in **New gateway** then click **Add**.
5. Select the **DNS configuration** tab and click **Enable DNS**. Key in **Host, Domain**, and **DNS Server Search Order**, then click **Add**.
6. Click **OK**.

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#### Windows® NT4.0

1. Go to **Control Panel > Network** to display the Network setup window then select the **Protocols** tab.

2. Select **TCP/IP Protocol** from the Network Protocols list then click **Properties**.
3. From the IP Address tab of the Microsoft TCP/IP Properties window, you can:
  - Select the type of network adapter installed in your system.
  - Set the router to assign IP address automatically.
  - Manually set up the IP address, subnet mask, and default gateway.

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4. Select the **DNS** tab then click **Add** under the **DNS Service Search Order** and key in DNS.

### **Windows® 2000**

1. Click **Start > Control Panel > Network and Dial-up Connection**. Right-click **Local Area Connection** then click **Properties**.

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2. Select **Internet Protocol (TCP/IP)**, then click **Properties**.
3. Select **Obtain an IP address automatically** if you want the IP settings to be assigned automatically. Otherwise, select **Use the following IP address:** and key in **IP address**, **Subnet mask**, and **Default gateway**.
4. Select **Obtain an IP address automatically** if you want the DNS server settings to be assigned automatically. Otherwise, select **Use the following DNS server address:** and key in the **Preferred** and **Alternate DNS server**.
5. Click **OK** when done.

### **Windows® XP**

1. Click **Start > Control Panel > Network Connection**. Right-click **Local Area Connection** then select **Properties**.

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2. Select **Internet Protocol (TCP/IP)**, then click **Properties**.
3. Select **Obtain an IP address automatically** if you want the IP settings to be assigned automatically. Otherwise, select **Use the following IP address:** and key in **IP address**, **Subnet mask**, and **Default gateway**.
4. Select **Obtain DNS server address automatically** if you want the DNS server settings to be assigned automatically. Otherwise, select **Use the following DNS server addresses:** and key in the **Preferred** and **Alternate DNS server**.
5. Click **OK** when done.

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### **Windows® Vista**

1. Click **Start**, select **Control Panel > Network and Sharing Center**. Right-click **Local Area Connection** then select **Properties**.
2. Select **Internet Protocol Version 4(TCP/IPv4)**, then click **Properties**.
3. Select **Obtain an IP address automatically** if you want the IP settings to be assigned automatically. Otherwise, select **Use the following IP address:** and key in **IP address**, **Subnet mask**, and **Default gateway**.
4. Select **Obtain DNS server address automatically** if you want the DNS server settings to be assigned automatically. Otherwise, select **Use the following DNS server addresses:** and key in the **Preferred** and **Alternate DNS server**.
5. Click **OK** when done.

We recommend that you set the router's IP address as the default gateway.

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Chapter 4: Configuring via the web GUI DSL-N11

# 4

# Configuring via the web GUI

## Configuring via the web GUI

The router's web graphics user interface (web GUI) allows you to configure these features: **Network Map**, **EZQoS Bandwidth Management** and other **Advanced Setting**.

**To configure via the web GUI:**

1. After setting up a wired or wireless connection, launch a web browser. The login page automatically launches.

**Note:** You may also manually key in the router's default IP address (**192.168.1.1**) to launch the router's web interface.

- . On the login page, key in the default user name (**admin**) and password (**admin**).

DSL-N11 Chapter 4: Configuring via the web GUI

3. From the main page, click the navigation menu or links to configure the various features of the ASUS Wireless Router.

## Using the Network Map

**Network Map** allows you to view the status and configure the connection settings of the Internet, system, and clients in your network. It enables you to quickly set up your Wide Area Network (WAN) using the Quick Internet Setup (QIS) feature, or to quickly set up your Local Area Network (LAN).

To view the status or configure the settings, click on any of these icons displayed on the main page:

Icon	Description
<b>Internet status</b>	
	Click this icon to display information on the Internet connection status, WAN IP address, DNS, connection type, and gateway address. From the Internet status screen, use the Quick Internet Setup (QIS) feature to quickly set up your WAN. <b>Note:</b> For more details on the QIS feature, refer to the section <b>Setting up WAN using the Quick Internet Setup (QIS)</b> on the next page.
<b>System status</b>	
	Click this icon to display information on the SSID, authentication method, WEP encryption, LAN IP, PIN code, MAC address, or turn the wireless radio on/off. Launch the WPS function from the System status screen.
<b>Client status</b>	
	Click this icon to display information about the clients or computers in the network, and allows you to block/unblock a client.

Chapter 4: Configuring via the web GUI DSL-N11

## Setting up WAN using the Quick Internet Setup (QIS)

The ASUS Quick Internet Setup (QIS) function automatically detects your Internet connection settings. If the ASUS Wireless Router cannot automatically detect your Internet connection type, you may need to manually set up your Internet connection settings.

To use the ASUS Quick Internet Setup (QIS):

1. Launch the web browser. Wait for about 20 seconds for QIS to automatically detect your Internet connection type.
2. Key in your connection type's username and password, then click **Apply**.
3. After the Internet connection type setup is completed, select any of these options:

**Going to Internet:** Click to surf the Internet.

**Simply Wireless Security Setting:** Click to configure the wireless security settings. \*\*

## Manually setting up your Internet connection

To manually set up your Internet connection:

1. If ASUS QIS cannot automatically detect your Internet connection type, click **Skip to manual settings**.

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2. Select your **Country** and **ISP**, then click **Next**. If your country and ISP are not on the list, select **Not list**

and key in your **VPI** and **VCI** then click **Next**. You may ask your ISP for VPI/VCI values.

**Note to US model owner: To comply with US FCC regulation, the country selection function has been completely removed from all US models. The above function is for non-US models only.**

3. On the login page, key in the default user name (admin) and password (admin).
4. The router supports these connection types: PPP over ATM (PPPoA), PPP over Ethernet (PPPoE), MAC Encapsulation Routing (MER), IP over ATM (IPoA), and Bridging. Select your connection type and follow the onscreen instructions.

Obtain the required information about your Internet connection type from your Internet Service Provider (ISP).

5. When done, click **Save/Reboot**.

For more details on ASUS QIS, refer to the user manual included in the support CD.

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## Managing EzQoS bandwidth

EzQoS



Bandwidth Management enables you to set the bandwidth priority and manage the network traffic.

**To set up the bandwidth priority:**

1. Click **EzQoS Bandwidth Management** from the navigation menu at the left side of your screen.
2. Click each of these four applications to set the bandwidth priority:

### Icon

### Description

#### Gaming Blaster

The router handles gaming traffic at first priority.

#### Internet Application

The router handles the e-mail, web browsing and other Internet applications traffic at first priority.

#### FTP

The router handles at first priority the traffic of downloading/uploading data to/from the FTP server.

#### Voip/Video Streaming

The router handles the audio/video traffic at first priority.

3. Click **Save** to save the configuration settings.

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## Upgrading the firmware

**Note:** Download the latest firmware from the ASUS website at <http://www.asus.com>

**To upgrade the firmware:**

1. Click **Advanced Setting** from the navigation menu at the left side of your screen.
2. Under the **Administration** menu, click **Firmware Upgrade**.
3. In the **New Firmware File** field, click **Browse** to locate the new firmware on your computer.
4. Click **Upload**. The uploading process takes about three minutes.

**Note:** If the upgrade process fails, the wireless router automatically enters the emergency or failure mode and the power LED indicator at the front panel flashes slowly. To recover or restore the system, use the Firmware Restoration utility.

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## Restoring/Saving/Uploading settings

**To restore/save/upload the settings:**

1. Click **Advanced Setting** from the navigation menu at the left side of your screen.
2. Under the **Administration** menu, click **Restore/Save/Upload Setting**.

3. Select the tasks that you want to do:

- To restore to the default factory settings, click **Restore**, and click **OK** in the confirmation message.
- To save the current system settings, click **Save**, and click **Save** in the file download window to save the system file in your preferred path.
- To restore previous system settings, click **Browse** to locate the system file that you want to restore, then click **Upload**.

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## Troubleshooting

### Troubleshooting

This troubleshooting guide provides solutions to some common problems that you may encounter while installing or using the ASUS Wireless Router. These problems require simple troubleshooting that you can perform by yourself. Contact the ASUS Technical Support if you encounter problems not mentioned in this chapter.

Problem	Action
I cannot access a web browser for configuring the router.	1. Launch a web browser, then click <b>Tools &gt; Internet Options...</b> . Under <b>Temporary Internet files</b> , click <b>Delete Cookies...</b> and <b>Delete Files...</b>
The client cannot establish a wireless connection with the router.	<b>Out of Range:</b> <ul style="list-style-type: none"><li>• Put the router closer to the wireless client.</li><li>• Try to change the channel settings.</li></ul> <b>Authentication:</b> <ul style="list-style-type: none"><li>• Use wired connection to connect to the router.</li><li>• Check the wireless security settings.</li><li>• Press the Restore button at the rear panel for more than five seconds.</li></ul> <b>Cannot find the router:</b> <ul style="list-style-type: none"><li>• Press the Restore button at the rear panel for more than five seconds.</li><li>• Check the setting in the wireless adapter such as SSID and encryption settings.</li></ul>

### Problem

### Action

Cannot access the Internet via wireless LAN adapter

- Move the router closer to the wireless client.
- Check whether the wireless adapter is connected to the correct wireless router.
- Check whether the wireless channel in use conforms to the channels available in your country/ area.
- Check the encryption settings.
- Check if the ADSL or Cable connection is correct.
- Retry using another Ethernet cable.

Internet is not accessible

- Check the status indicators on the ADSL modem and the wireless router.
- Check if the WAN LED on the wireless router is ON. If the LED is not ON, change the cable and try again.

When ADSL Modem “Link” light is ON (not blinking), this means Internet Access is possible.

- Restart your computer.
- Refer to the Quick Start Guide of the wireless router and re-configure the settings.
- Check if the WAN LED on the wireless router is ON.
- Check the wireless encryption settings.
- Check if the computer can get the IP address (via both wired network and wireless network).
- Ensure that your web browser is configured to use the local LAN, and is not configured to use a proxy server.

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<b>Problem</b>	<b>Action</b>
If the ADSL “LINK” light blinks continuously or stays off, Internet access is not possible - the Router is unable to establish a connection with the ADSL network.	<ul style="list-style-type: none"><li>• Ensure that all your cables are all properly connected .</li><li>• Disconnect the power cord from the ADSL or cable modem, wait a few minutes, then reconnect the cord.</li><li>• If the ADSL light continues to blink or stays OFF, contact your ADSL service provider.</li></ul>
Network name or encryption keys are forgotten	<ul style="list-style-type: none"><li>• Try setting up the wired connection and configuring the wireless encryption again.</li><li>• Press the Restore button at the rear panel of the wireless router for more than five seconds.</li></ul>

How to restore the system to its default settings

- Press the Restore button at the rear panel of the wireless router for more than five seconds.
- Refer to the section **Firmware Restoration** in Chapter 5 of this user manual.

The following are the factory default settings:

**User Name:** admin

**Password:** admin

**Enable DHCP:** Yes (if WAN cable is plugged in)

**IP address:** 192.168.1.1

**Domain Name:** (Blank)

**Subnet Mask:** 255.255.255.0

**DNS Server 1:** 192.168.1.1

**DNS Server 2:** (Blank)

**SSID:** default

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## ASUS DDNS Service

WL-500gP V2 is the first model that supports the ASUS DDNS service. When exchanging devices at the service center, if you have registered the ASUS DDNS service and want to keep the original domain name, data transfer is a must. Visit your local service center for more information.

**Notes:** If there is no activity in the domain - such as reconfiguring the router or accessing the registered domain name - within 90 days, the system automatically deletes the registered information. If you encounter any problem or difficulty in using your device, contact the service center.

### Frequently Asked Questions (FAQs)

#### 1. Will the registered information be lost or registered by others?

If you have not updated the registered information in 90 days, the system automatically deletes the registered information and the domain name may be registered by others.

#### 2. I did not register the ASUS DDNS for the router I bought six months ago. Can I still register it?

Yes, you can still register the ASUS DDNS service for your router. The DDNS service is embedded in your router, so you can register the ASUS DDNS service anytime. Before registering, click **Query** to check if the hostname has been registered or not. If not, the system registers the hostname automatically.

#### 3. I have registered a domain name before and it has been working well until my friends told me that they could not access my domain name.

Check the following:

1. The internet is working well.
2. The DNS server is working well.
3. The last time you updated the domain name.

If there are still problems in accessing your domain name, contact the service center.

#### 4. Can I register two domain names to separately access my http and ftp servers?

A. No, you cannot. You can only register one domain name for one router. Use port mapping to implement security in the network.

DSL-N11 Chapter 6: Troubleshooting

#### 5. After restarting the router, why is it that I see different WAN IPs in MS DOS and in the router configuration page?

This is normal. The interval time between the ISP DNS server and ASUS DDNS results to different WAN IPs in MS DOS and in the router configuration page. Different ISPs may have different interval time for IP updating.

#### 7. Is the ASUS DDNS service free, or is it just a trial version?

The ASUS DDNS service is a free and embedded service in some ASUS routers. Check your ASUS router if it supports the ASUS DDNS service.

## Appendices

## Notices

### Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- 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.

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

### Prohibition of Co-location

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

DSL-N11 Appendices

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### Safety Information

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Use on the supplied antenna.

### Declaration of Conformity for R&TTE directive 1999/5/EC

Essential requirements – Article

Protection requirements for health and safety – Article 3.1a

Testing for electric safety according to EN 60950-1 has been conducted. These are considered relevant and sufficient.

Protection requirements for electromagnetic compatibility – Article 3.1b

Testing for electromagnetic compatibility according to EN 301 489-1 and EN 489-17 has been conducted. These are considered relevant and sufficient.

Effective use of the radio spectrum – Article 3.2

Testing for radio test suites according to EN 300 328- 2 has been conducted. These are considered relevant and sufficient.

### CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

**Note to US model owner: To comply with US FCC regulation, the country selection function has been completely removed from all US models. The above function is for non-US models only.**

### FCC Part 68 REQUIREMENTS

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US: ASUDL01BDSL11. If requested, this number must be provided to the telephone company.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive

RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: ASUDL01BDSL11. The digits represented by 01 are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

If your equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this telephone equipment, Please contact the following address and phone number for information on obtaining service or repairs.

The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

COMPANY: ASUS Computer International

ADDRESS: 44370 Nobel Drive, Fremont, CA 94536 USA

TEL NO: 510-739-3777 ext.4530

## **IC (Canada)**

1. 2.4GHz Mobile device (ex. 11b/g/n AP/Router) with fixed antenna:

( Industry Canada Statement )

This device complies with RSS-210 of the Industry Canada Rules.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la class B est conforme a la norme NMB-003 du Canada.

## **IC Radiation Exposure Statement**

This equipment complies with Canada radiation exposure limits set forth for uncontrolled environments. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2.4GHz operation of this product in Canada is firmware-limited to channels 1 through 11.

## **CE (Europe)**

WLAN 2.4GHz device:

This device can be operated in the EU without restrictions indoor.

However, operated outdoors in France is restricted to 2400 ~ 2454 MHz

(Channel 1 ~ 7).

## **Safety**

1. For apply CSA not control power adapter:

This unit is to be used with an external power adaptor of a Class 2 or level 3 type and Approved type suitable for use in the North America of equipment installation, having an output voltage rating of 15 V dc, and output current rating of 0.8 A or equivalent.

The external AC adapter must be complied with the requirements of LPS (Limited

Power Sources).  
Power Supply  
Leader  
EU: MV12-Y150080-C5  
UK: MV12-Y150080-B2  
AU: MU12-2150080-A3

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Version 2, June 1991

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