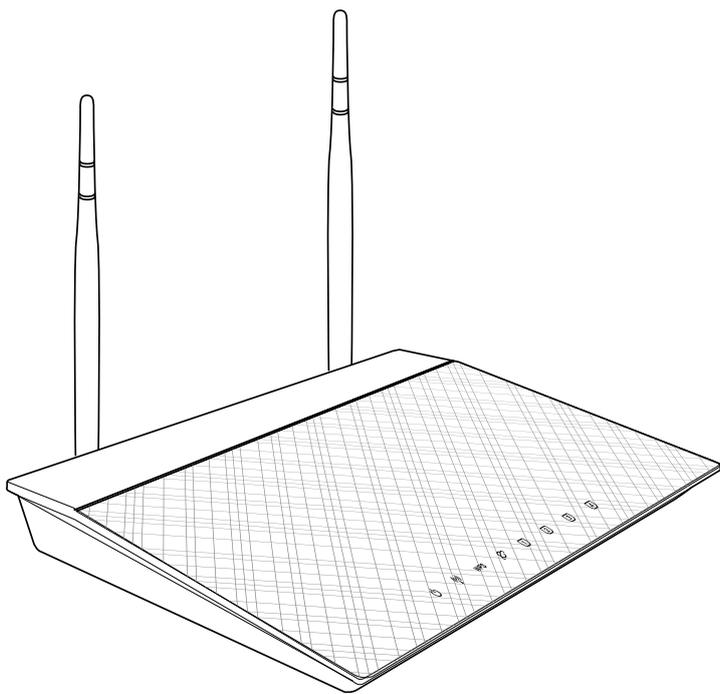


**ASUS**<sup>®</sup>

**RT-N12 LX**  
**11n 無線路由器**



**使用手冊**

T6746

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# 關於這本使用手冊

產品使用手冊包含了所有當您在安裝華碩無線路由器時所需用到的資訊。

## 使用手冊的編排方式

使用手冊是由下面幾個章節所組成：

- **第一章：認識您的無線路由器**  
本章介紹了此華碩無線路由器的包裝內容物、系統要求、硬體功能與 LED 指示燈的資訊。
- **第二章：開始使用**  
本章介紹如何設定華碩無線路由器的路由模式、無線基地台模式。
- **第三章：設定區域網路內的用戶端**  
本章介紹如何設定無線路由器區域網路內的用戶端。
- **第四章：設定進階程式**  
本章介紹如何設定華碩無線路由器進階程式。
- **第五章：安裝華碩應用程式**  
本章介紹了驅動程式與公用程式光碟內的應用程式資訊。
- **第六章：疑難排解**  
本章介紹了您在使用華碩無線路由器過程中可能遇到的一些常見問題的解決方法。
- **附錄**  
本章介紹一些常用安全資訊。

## 提示符號



**警告：**提醒您在進行某一項工作時要注意您本身的安全。



**小心：**提醒您在進行某一項工作時要注意勿傷害到裝置元件。



**重要：**此符號表示您必須要遵照手冊所描述之方式完成一項或多項軟硬體的安裝或設定。



**注意：**提供有助於完成某項工作的訣竅與其他額外的資訊。



# 1 認識您的 無線路由器

## 包裝內容物

請檢查以下配件是否齊全：

- RT-N12 LX 無線路由器 × 1
- 電源變壓器 × 1
- 驅動程式與公用程式光碟（使用手冊、應用程式） × 1
- RJ45 網路線 × 1
- 快速使用指南 × 1



注意：若以上列出的任何一項配件有損壞或是短缺的情形，請儘速與您的經銷商聯絡。

## 系統需求

安裝華碩無線路由器之前，請確認您的系統/網路是否符合以下要求：

- 一個乙太網路 RJ-45 連接埠 (10Base-T/100Base-TX)
- 至少一個支援無線功能的 IEEE 802.11b/g/n 裝置
- 一台已安裝 TCP/IP 與網路瀏覽器的電腦

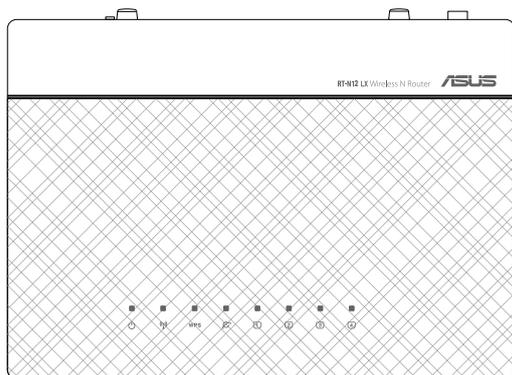
## 開始安裝之前

安裝華碩無線路由器之前，請注意以下幾點：

- 連接裝置與網路（網路集線器、ADSL/Cable Modem、路由器）的網路線長度須小於 100 公尺。
- 將裝置放在平坦、穩定的地方，並儘量靠近地面。
- 請勿將裝置放在靠近金屬物品與陽光直射的地方。
- 請將路由器遠離變壓器、重型發動機、熒光照明器、微波爐、冰箱與其他工業裝置以防訊號丟失。
- 建議將路由器放置在中心區域，以覆蓋所有無線行動裝置。
- 請將路由器放置在遠離人體至少 20 公分的地方。

# 硬體裝置

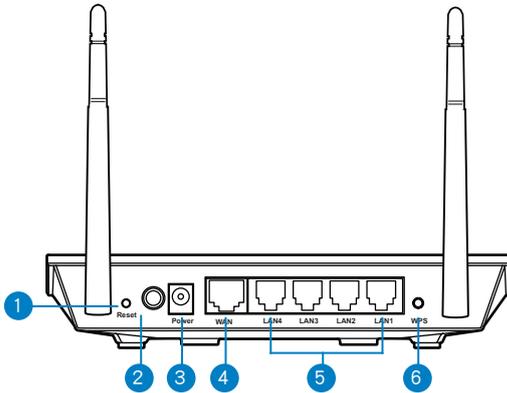
## 前面板



### 狀態指示燈

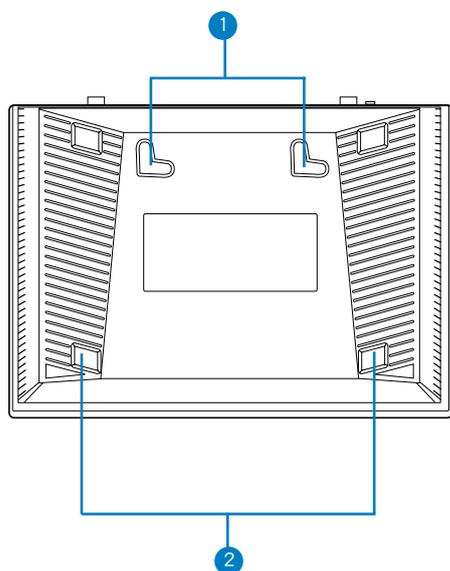
LED	狀態	代表含義
電源	熄滅	電源關閉
	燈亮	系統待命中
WLAN	熄滅	電源關閉
	燈亮	無線系統待命中
	閃爍	傳輸或接收資料中（無線網路）
WPS	快速閃爍	WPS 運作中
	閃爍一次	系統重置為預設狀態
	緩慢閃爍	救援模式
WAN （廣域網路）	熄滅	電源關閉 / 無實體連接
	燈亮	與一組乙太網路建立實體連接
	閃爍	傳輸或接收資料中（透過有線乙太網路）
LAN 1-4 （區域網路）	熄滅	電源關閉 / 無實體連接
	燈亮	與一組乙太網路建立實體連接
	閃爍	傳輸或接收資料中（透過有線乙太網路）

## 後面板



項目	描述
1	<b>重置按鈕</b> 按下此按鈕至 5 秒以上將系統還原至其預設設定。
2	<b>電源開關</b> 按下此開關開啟或關閉路由器。
3	<b>電源 (DC-In) 輸入埠</b> 將適配器插入此連接埠將您的路由器連接至一個電源。
4	<b>WAN 連接埠</b> 將一根 RJ-45 乙太網路線插入此連接埠建立廣域網路連接。
5	<b>LAN 1 ~ 4 連接埠</b> 將一根 RJ-45 乙太網路線插入此連接埠建立區域網路連接。
6	<b>WPS 按鈕</b> 按下此按鈕建立無線連接。

## 底部



項目	描述
1	<b>安裝掛鉤</b> 在牆上安裝兩顆螺絲後可將路由器掛在牆面上。
2	<b>通風孔</b> 這些通風孔用於路由器的通風散熱。



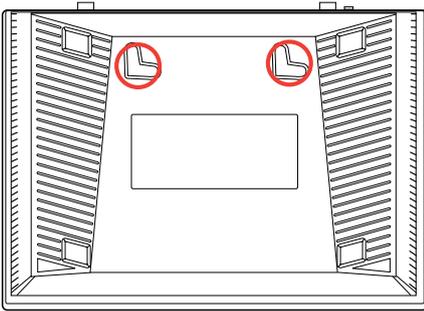
注意：更多關於安裝路由器的資訊，請參考下一頁中「**安裝路由器**」的說明。

# 安裝路由器

華碩無線路由器可安裝在高處的平面上，如衣櫥或書架上，也可以固定於牆上或天花板。

請依照以下步驟安裝華碩無線路由器：

1. 找到路由器底部的兩個安裝掛鉤。
2. 在牆上或高處的平面上標註兩個孔位。
3. 將兩顆螺絲擰緊直到只露出 1/4。
4. 將無線路由器掛到牆上的螺絲上。



注意：若螺絲太鬆或無法將華碩無線路由器掛到螺絲上，請調整螺絲位置。



# 2 開始使用

## 設定無線路由器

華碩無線路由器包含一個網頁圖形介面（web GUI），您可以利用電腦上的網路瀏覽器進行無線路由器的設定。



更多關於透過網頁圖形介面設定無線路由器的訊息，請參考「第四章：使用網頁圖形介面設定無線路由器」。

## 設定網路連接

### 網路設定精靈（QIS）（含自動偵測功能）

網路設定精靈（QIS）功能引導您快速設定您的網路連線。

請依照以下步驟使用擁有自動偵測功能的網路設定精靈：

1. 開啟一個網路瀏覽器。此路由器可自動偵測您的 ISP 連接類型：自動取得 IP、PPPoE、固定 IP、PPTP 與 L2TP。為您的 ISP 連接類型輸入所需資訊。



**重要！**請從您的 ISP 獲取網路連接類型的相關資訊。



在以下選項中選擇下一個您想要執行的任務：

1. **瀏覽網際網路**：點選此選項開啟網路瀏覽或其他網路相關任務，如聊天或閱讀 / 編輯 e-mail 訊息。
2. **到進階設定頁面**：點選此選項進入無線路由器網頁圖形介面，並進行您的無線網路安全設定。
3. **加入我的最愛**：點選此選項將路由器的網路介面添加至您的最愛。



注意：若您選擇選項 2 與 3，那麼您需要登入網頁圖形介面。更多資訊請參考「登入網頁圖形介面」部分的說明。

## 網路設定精靈 (QIS) (無自動偵測功能)

請依照以下步驟使用無自動偵測功能的網路設定精靈：

1. 在您的瀏覽器中輸入 <http://192.168.1.1>。
2. 在導航選單中點選網路設定精靈。從下列 ISP 服務中選擇您的連線類型：自動取得 IP、PPPoE、固定 IP、PPTP 與 L2TP。



3. 點選 **套用目前所有設定** 來儲存所有設定。



**重要！**請從您的 ISP 獲取網路連線類型的相關資訊。



# 3 設定網路用戶端

## 存取無線路由器

### 為有線或無線用戶端設定一個 IP 位址

為使用華碩無線路由器，您的有線或無線用戶端上必須有正確的 TCP/IP 設定。請確認用戶端的 IP 位址與華碩無線路由器一致。

華碩路由器內建 DHCP 伺服器功能，當系統開啟時，它將自動指定 IP 位址到網路中的用戶端。

但在某些情況下，您可能需要手動指定某些您網路內的用戶端或電腦的固定 IP 位址，而不是透過您的無線路由器自動取得 IP 位址。

以下是設定您電腦的步驟。請依照您所使用的作業系統選擇適當的操作步驟。



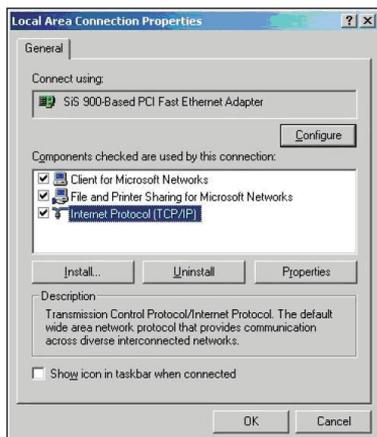
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注意：在「路由模式」中，如果您想手動指定一個 IP 位址，推薦使用下列設定：

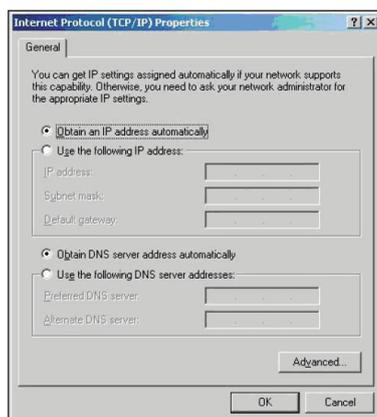
- IP 位址：192.168.1.xxx (xxx 可為 2 至 254 之間的數字。請確認該 IP 位址沒有被其他裝置使用。
  - 子網路遮罩：255.255.255.0 (與華碩無線路由器一致)
  - 預設閘道：192.168.1.1 (華碩無線路由器的 IP 位址)
  - DNS：192.168.1.1 (華碩無線路由器) 或者指定一個網路內的已知 DNS 伺服器。
-

## Windows® 2000

1. 依次點選 **Start > Control Panel > Network and Dial-up Connection** 。  
右鍵點選 **Local Area Connection** ，  
然後點選 **Properties** 。

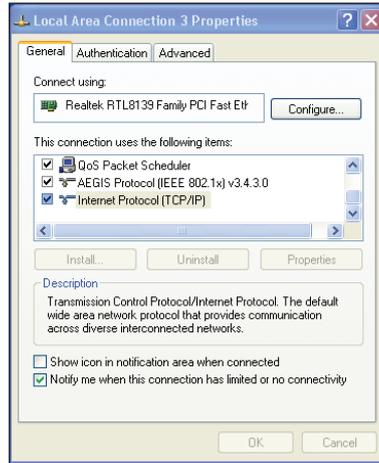


2. 選擇 **Internet Protocol (TCP/IP)** ，  
然後點選 **Properties** 。
3. 若您想要使用路由器自動指定的 IP 位址，請選擇 **Obtain an IP address automatically** 。或者，您也可以點選 **Use the following IP address** ，手動輸入 IP 位址 (IP Address)、子網路遮罩 (Subnet Mask) 與預設閘道 (Default gateway) 。
4. 若您想要自動獲取 DNS 伺服器，請選擇 **Obtain DNS server address automatically** 。或者，您也可以點選 **Use the following DNS server address** ，手動輸入主要與其他 DNS 伺服器 IP 位址 (Preferred/Alternate DNS server) 。
5. 完成後點選 **OK** 。

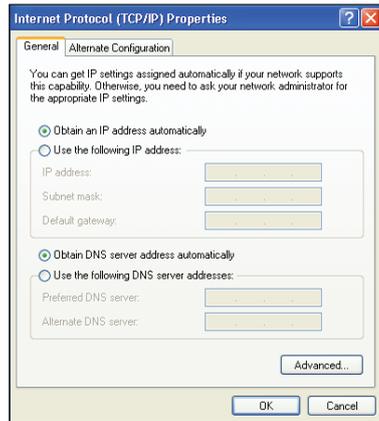


## Windows® XP

1. 依次點選 **Start > Control Panel > Network Connection**。右鍵點選 **Local Area Connection**，然後選擇 **Properties**。

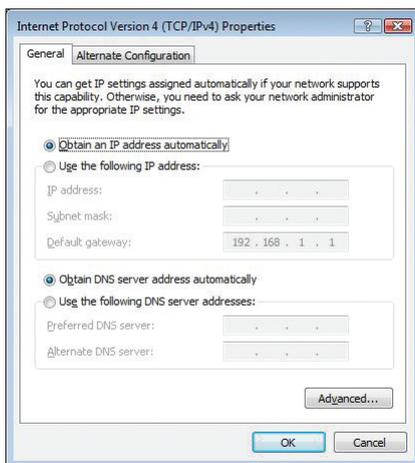
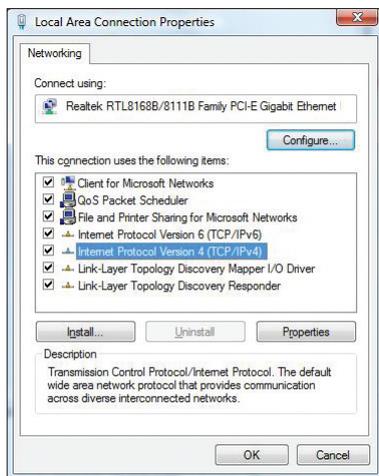


2. 選擇 **Internet Protocol (TCP/IP)**，然後點選 **Properties**。
3. 若您想要使用路由器自動指定的 IP 位址，請選擇 **Obtain an IP address automatically**。或者，您也可以點選 **Use the following IP address**，接著手動輸入 IP 位址 (IP Address)、子網路遮罩 (Subnet Mask) 與預設閘道 (Default gateway)。
4. 若您想要自動獲取 DNS 伺服器，請選擇 **Obtain DNS server address automatically**。或者，您也可以點選 **Use the following DNS server address**，手動輸入主要與其他 DNS 伺服器 IP 位址 (Preferred/Alternate DNS server)。
5. 完成後點選 **OK**。



## Windows® Vista/7

1. 依次點選 **Start > Control Panel > Network and Internet > Network and Sharing Center**, 接著點選 **View status > Properties > Continue**。
2. 選擇 **Internet Protocol Version 4 (TCP/IPv4)**, 接著點選 **Properties**。
3. 若您想要使用路由器自動指定的 IP 位址, 請選擇 **Obtain an IP address automatically** 或者, 您也可以點選 **Use the following IP address**, 接著手動輸入 IP 位址 (IP Address)、子網路遮罩 (Subnet Mask) 與預設閘道 (Default gateway)。
4. 若您想要自動獲取 DNS 伺服器, 請選擇 **Obtain DNS server address automatically** 或者, 您也可以點選 **Use the following DNS server addresses** 手動輸入主要與其他 DNS 伺服器 IP 位址 (Preferred/Alternate DNS server)。
5. 完成後點選 **OK**。



# 4 設定進階程式

## 使用服務質量 (QoS) 管理頻寬

服務質量 (QoS) 允許您設定頻寬優先權並管理網路交通。

請按照以下步驟設定頻寬優先權：

1. 從左邊的導航選單中，點選 **進階設定** > **外部網路** > **頻寬管理**。
2. 在 **啟用 QoS** 欄中勾選 **是**。
3. 欲建立網路頻寬管理規則，在 **位址類型** 選擇 **IP** 或 **MAC**，並根據需要設定相關規則。
4. 點選 **套用本頁面設定** **儲存設定**。



# 設定運作模式

您可將您的無線路由器設定為以下三種模式：**IP 分享模式**或**無線基地台模式**。

## 在「IP 分享模式」中設定無線路由器

在「IP 分享模式」中，無線路由器透過 PPPoE、自動取得 IP、PPTP、L2TP 或靜態 IP 方式連線網際網路，並提供無線訊號。LAN 用戶端的 NAT、防火牆與 IP 分享服務開啟。

請依據以下步驟設定「IP 分享模式」中的無線路由器：

1. 在導航選單中點選 **進階設定 > 系統管理 > 運作模式**。
2. 勾選 **IP 分享模式 (預設)** 並點選 **儲存**。



3. 在導航選單中點選**網路設定精靈**。從下列 **ISP 服務**中選擇您的連線類型：**自動取得 IP**、**PPPoE**、**固定 IP**、**PPTP** 與 **L2TP**。



- 點選 **Next** 並輸入您的 ISP 服務提供的所需資訊。



**重要！**請從您的 ISP 獲取網路連線類型的相關資訊。

## 在「無線網路基地台模式」中設定無線路由器

在「無線網路基地台模式」中，無線路由器從連接到 WAN 埠的路由器收到 WAN IP 位址，並為使用者提供無線訊號。NAT、防火牆與 IP 分享服務會主動關閉。

請依據以下步驟設定「無線網路基地台模式」中的無線路由器：

- 在導航選單中點選 **進階設定** > **系統管理** > **運作模式**。
- 選擇 **無線網路基地台**，並點選 **儲存**。



- 輸入你的網路名稱 (SSID) 與網路密鑰。完成後點選 **完成**。



# WPS

WPS (Wi-Fi Protected Setup) 幫助您輕鬆地設定一個安全的無線網路。



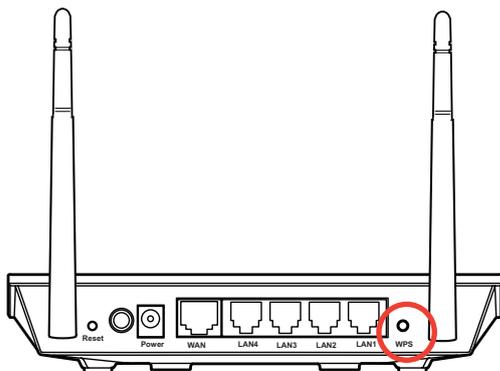
注意：

- 請使用支援 WPS 功能的無線網路卡。
- 請使用下列支援 WPS 功能的 Windows® 作業系統與無線網路卡：

作業系統支援	無線網路卡支援
Vista 32/64	Intel® 無線網路卡
	華碩 167g V2 驅動程式 v3.0.6.0 或更新版本
	華碩 160N/130N 驅動程式 v2.0.0.0 或更新版本
XP SP2	Intel® 無線網路卡
	華碩 167g V2 驅動程式 v1.2.2.0 或更新版本
	華碩 160N/130N 驅動程式 v1.0.4.0 或更新版本
XP SP1 與 2000	華碩網路卡，具備 ASUS WLAN 應用程式
	華碩 167g V2 驅動程式 v1.2.2.0 或更新版本
	華碩 160N/130N 驅動程式 v1.0.4.0 或更新版本

請按照以下步驟設定 WPS：

1. 按下路由器上的 WPS 按鈕。



2. 點選無線網路卡上的 WPS 按鈕，然後點選 **起始 PBC**。  
您也可以選擇輸入無線網路卡的 PIN 碼，然後點選 **起始 PIN**。



注意：請參閱無線網路卡的使用手冊獲取無線網路卡的 PIN 碼。

# 韌體更新



注意：請造訪華碩網站 (<http://tw.asus.com>) 下載最新韌體。

請依照以下步驟進行韌體更新：

1. 點選螢幕左邊導航選單中的 **進階設定**。



2. 點選 **系統管理** 選單下的 **韌體更新**。
3. 在 **新韌體更新** 中點選 **瀏覽**，開啟您要更新的韌體檔案。
4. 點選 **上傳**，過程將需要大約三分鐘。



注意：如果更新進程失敗，請使用 **Firmware Restoration** 應用程式還原系統。詳情請參考「**第五章 韌體回復 (Firmware Restoration)**」的有關內容。

# 還原 / 匯出 / 上傳設定

請依照以下步驟進行 還原 / 匯出 / 上傳設定：

1. 點選螢幕左邊導航選單中的 進階設定。
2. 點選 系統管理 選單下的 還原 / 匯出 / 上傳設定。



3. 選擇您想要進行的操作：
  - 欲還原為原廠預設設定，點選 還原，然後按下確認訊息中的 確定。
  - 欲匯出現有系統設定，點選 儲存，然後點選檔案下載視窗中的 儲存 將您的系統檔案儲存在您想要儲存的位置下。
  - 欲還原系統設定，點選 瀏覽 開啟您欲還原的系統檔案，然後按下 上傳。



# 5 安裝華碩 應用程式

## 安裝華碩應用程式

驅動程式與公用程式光碟包含用於設定華碩無線路由器的應用程式。在 Microsoft® Windows 作業系統下安裝華碩無線路由器應用程式，請將驅動程式與公用程式光碟放入光碟機。如果未開啟“自動播放”功能，請點選驅動程式與公用程式光碟根目錄中的 `setup.exe`。

請依照以下步驟安裝應用程式：

1. 點選主選單 **安裝華碩無線路由器應用程式** 選項，來執行安裝程式。



2. 點選 **下一步 繼續**。



3. 確認應用程式所安裝的位置後點選 下一步。



4. 請選擇一個程式資料夾，然後點選 下一步 繼續。



5. 點選 完成 離開安裝程式。

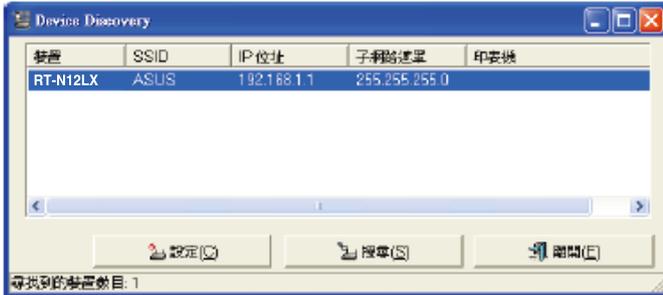


## 偵測裝置 (Device Discovery)

Device Discovery 是一款華碩 WLAN 應用程式，可以偵測到一個華碩無線路由器裝置，並且允許您設定該裝置。

請依照以下步驟開啟 Device Discovery 應用程式：

- 在您的電腦桌面上選擇 開始 > 程式集 > ASUS Utility > RT-N12 LX Wireless Router > Device Discovery。



- 點選 設定 進入網頁圖形介面來設定無線路由器。
- 點選 搜尋 來搜尋華碩無線路由器。
- 點選 離開 離開此公用程式。

# 韌體回復 (Firmware Restoration)

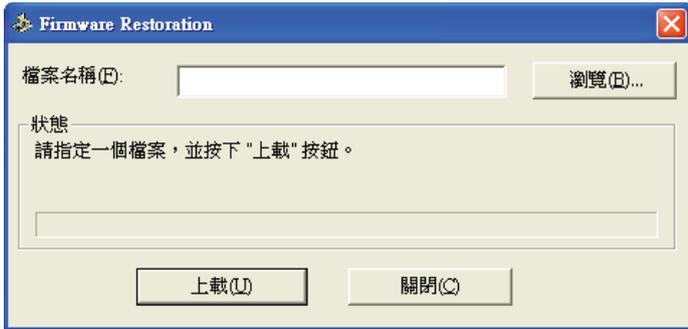
Firmware Restoration 應用程式用於在韌體更新失敗時搜尋更新失敗的華碩無線路由器。然後還原或上載您指定的韌體。此過程需要 3 至 4 分鐘。



**重要：**在使用 Firmware Restoration 之前，請開啟救援模式。

請依照以下步驟開啟救援模式並使用 Firmware Restoration 應用程式：

1. 把無線路由器接上電源。
2. 持續按住後面板上的重置按鈕，同時把路由器重新接上電源。當前面板上的 WPS 燈開始慢閃時，放開按鈕。此時，路由器已進入救援模式。
3. 在您的電腦桌面上選擇 **開始 > 程式集 > ASUS Utility > RT-N12 LX Wireless Router > Firmware Restoration**。



4. 選擇韌體檔案，然後點選 **上載**。



**注意：**Firmware Restoration 不是韌體更新應用程式，並且不能用於正在運作的華碩無線路由器上。正常韌體更新應該在網頁圖形介面中完成。

# 6 疑難排解

## 疑難排解

本章節幫您排解在安裝與使用華碩無線路由器時的常見疑難問題。若有無法自行解決的疑難或本章節未提及問題，請聯絡華碩技術支援。

疑難	排解
無法建立無線網路連線	<p><b>超出有效範圍：</b></p> <ul style="list-style-type: none"><li>請將路由器放置於較靠近用戶端裝置之處。</li><li>嘗試進行頻道設定的變更。</li></ul> <p><b>認證問題：</b></p> <ul style="list-style-type: none"><li>請使用有線連線的電腦來連接路由器。</li><li>檢查網路安全設定。</li><li>您可以嘗試按路由器後方的重置 (Restore) 按鈕超過 5 秒鐘後，進行硬體重置 (hardware reset) 的動作。</li></ul> <p><b>無法搜尋到路由器：</b></p> <ul style="list-style-type: none"><li>您可以嘗試按路由器後方的重置 (Restore) 按鈕超過 5 秒鐘後，進行硬體重置 (hardware reset) 的動作。</li><li>檢查無線網路卡上的 SSID 與加密等設定。</li></ul>

疑難	排解
無法透過無線路由器來連線至網際網路	<ul style="list-style-type: none"> <li>• 請將路由器更換至用戶端可以連線到的範圍內。</li> <li>• 檢查您所使用的無線網路卡是否有連線到正確的路由器。</li> <li>• 檢查所使用的無線網路頻道是符合您的所在地區/國家所規範的頻道。</li> <li>• 檢查加密設定。</li> <li>• 檢查您所使用的 ADSL 或 Cable Modem 是否有連接至正確的網路埠。</li> <li>• 重新更換另一條乙太網路線來連接。</li> </ul>
無法進入網際網路	<ul style="list-style-type: none"> <li>• 請檢查 ADSL 數據機與無線路由器上的 LED 燈所顯示的訊號是否正確。</li> <li>• 請檢查 WAN 燈號在路由器上是否有亮。若燈號沒有顯示亮著 (on) 的狀態，請檢查連接兩者的網路線，並再重新測試一遍。</li> </ul>
當 ADSL 數據機「Link」(連線)的燈號亮著(不是閃爍)，這表示已經可以連線至網際網路。	<ul style="list-style-type: none"> <li>• 重新啟動您的電腦。</li> <li>• 重新設定華碩路由器，請參考快速使用指南。</li> <li>• 檢查 WAN LED 訊號燈是否亮著。</li> <li>• 檢查無線網路加密的設定。</li> <li>• 檢查欲與路由器連線的電腦是否能取得 IP 位址 (經由有線網路與無線網路兩者是否皆可)。</li> <li>• 檢查您的網路瀏覽器 (如 IE) 是否設定為採用區域網路，並且不採用代理伺服器 (proxy)。</li> </ul>
當 ADSL 數據機「Link」(連線)的燈號持續閃爍或熄滅，這表示無法存取至網際網路 - 路由器無法與 ADSL 網路建立連線。	<ul style="list-style-type: none"> <li>• 請確認網路線已有正確連接。</li> <li>• 請將 ADSL 或 cable modem 的電源線拔除，並等待幾分鐘後，再重新接上電源。</li> <li>• 若 ADSL 數據機燈號持續閃爍或為熄滅 (顯示 OFF) 的狀態，請與您的網路電信業者聯絡。</li> </ul>
忘記網路名稱或金鑰密碼。	<ul style="list-style-type: none"> <li>• 試著再次透過有線連接來設定無線的加密動作。</li> <li>• 按下位於路由器後方的重置 (Restore) 按鈕超過 5 秒鐘後，進行硬體重置 (hardware reset) 的動作。</li> </ul>

疑難	排解
如何將系統回復到預設值？	<p>以下為原廠預設的參考數值，若您按住在路由器上的 Restore (重置) 鈕超過 5 秒鐘，或於 <b>系統設定 &gt; 原廠預設值</b> 畫面中，按 Restore 按鈕而回到預設值狀態時，則在路由器上的相關的設定，會回復到原廠預設的數值，其數值則如下所列。</p> <p>使用者名稱：admin            密碼：admin            啟用 DHCP：Yes (如果已連接 WAN 纜線)            IP 位址：192.168.1.1            網域名稱：(空白)            子網路遮罩：255.255.255.0            DNS 伺服器 1：192.168.1.1            DNS 伺服器 2：(空白)            SSID：default</p>
無法使用 192.168.1.1 進入主畫面。	<p>請檢查路由器的作業模式。</p> <ul style="list-style-type: none"> <li>在「路由模式」中，預設 IP 位址為：192.168.1.1。</li> <li>在「無線基地台模式」中，使用 Device Discovery 來獲取路由器的 IP 位址。</li> </ul>



## 注意事項

當您購買本產品後，為保障購買人權益，請於購買後壹個月內務必上網填寫完整個人資料及產品資訊並完成註冊手續。

1. 透過網路註冊，請您先加入華碩會員，在進行產品登入之作業（網址：<http://member.asus.com>）。
2. 妥善保留購買當時之發票或是發票憑證(影本亦可)經銷商之售貨單據(加蓋經銷商店章始生效力)，於機台故障送修時出示,始享有保固服務之權益；若不慎遺失相關證明單據且於購買華碩無線網路產品壹個月內，未上網進行註冊，本公司將以華碩「出貨日」為保固起始日期。
3. 無論在任何情況下，您都不可以自行拆解修理本機,這將導致本機的保固作廢。

## 註冊步驟

註冊網址：<http://member.asus.com>

步驟1：加入會員（如已是會員，請跳到步驟5，直接“登入會員”可註冊新購買的產品）

步驟2：個人資料填寫完成後按「同意並且繼續」

步驟3：註冊系統將會發送啟用帳號的「確認碼」認證信件

步驟4：請依照確認碼信件指示進行帳號認證，以確認您會員權益

步驟5：選擇產品註冊，填寫完整的產品資訊即可完成註冊

# 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.

## 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 3

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 301 489-17 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.

Operation Channels: Ch1~11 for N. America, Ch1~14 Japan, Ch1~13 Europe (ETSI)

## **IC Warning**

This device complies with Industry Canada licence-exempt RSS standard(s). 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.”

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.”

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注意：謹遵守REACH(Registration, Evaluation, Authorisation, and Restriction of Chemicals)管理規範，我們會將產品中的化學物質公告在華碩 REACH 網站，詳細請參考<http://green.asus.com/english/REACH.htm>

## Safety Warning

SAFE TEMP: This wireless router should be only used in environments with ambient temperatures between 5°C(41°F) and 40°C(104°F).

DO NOT expose to or use near liquids, rain, or moisture. DO NOT use the modem during electrical storms.

# 華碩連絡資訊

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傳真： +492102959911  
線上支援： [support.asus.com](http://support.asus.com)

\* 使用德國座機撥打每分鐘話費為 0.14 歐元，使用行動電話撥打每分鐘話費為 0.42 歐元。

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