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## Introduction

Ultrathin Wireless Router R100 is the portable and ultrathin wireless network product with the wireless router functions and meets the IEEE 802.11n standard (compatible with 802.11b/g). The product is a portable WiFi equipment designed for ultrabook, laptop, tablet PC and mobile phone. It allows connecting several WiFi equipments simultaneously without the restraint on changing site in the room. It is exquisite, portable and plug and play with advanced performance, suitable for home use or travel with the enjoyable wireless experience during your journey.

## Product Specifications

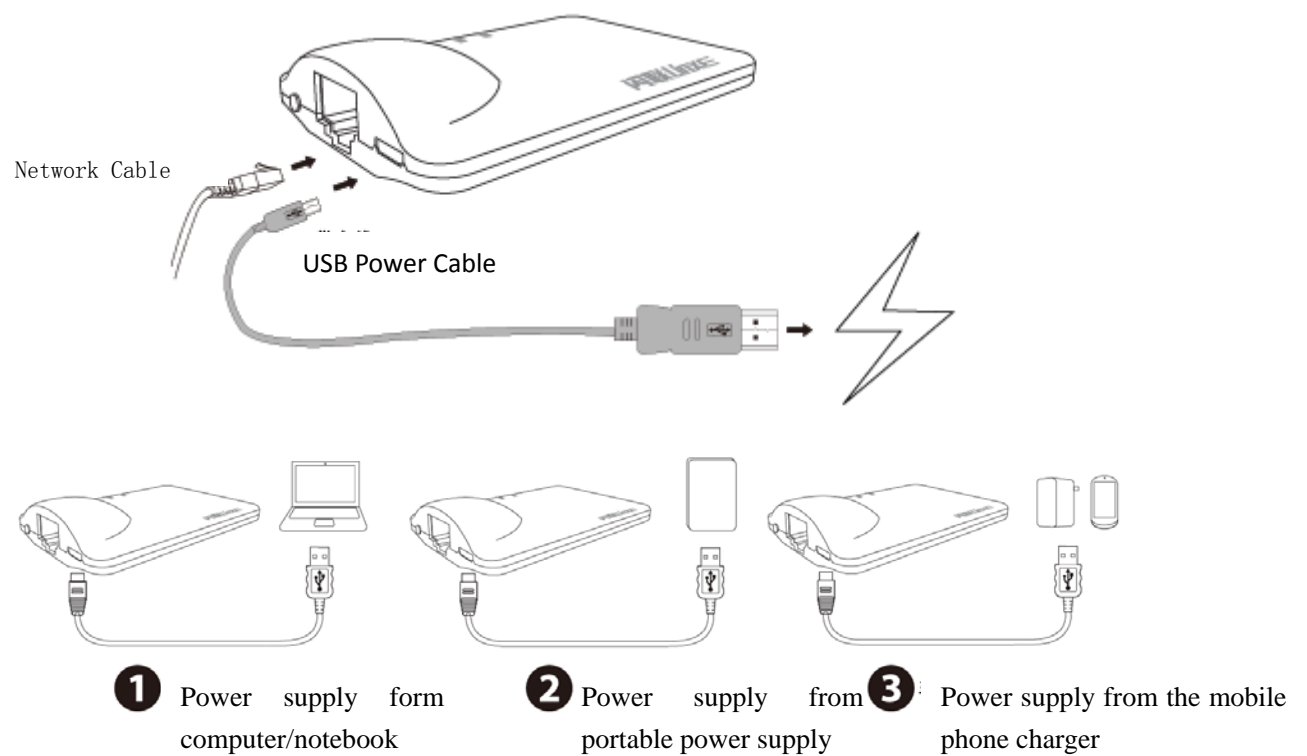
Specification	Description
Working Frequency	2.4GHz
Transmission Bandwidth	150Mbps(802.11n)
Coverage	25m <sup>2</sup> single open room
Transmission Distance	20m efficiency drop shall not exceed 50% in open environment
Network Interface	One RJ45 -10/100M self-adaption WAN interface
Working Environment	Working temperature: -20°C-50°C; temperature shall not exceed 65°C after continuous working for 24 hours.
Wireless Electromagnetic Radiation	Wireless radiation power <100mW, meet the national standard
Protocol	802.11n, compatible with 802.11b/g
Working Mode	Router
Dimension	75×50×7mm (3x2x0.3 inch)
Power Supply Interface	Mirco-USB interface (only for power supply)

## Package Contents

Ultrathin Wireless Router R100	One
Mirco-USB Power Cable	One
User's Manual	One
Warranty Card	One

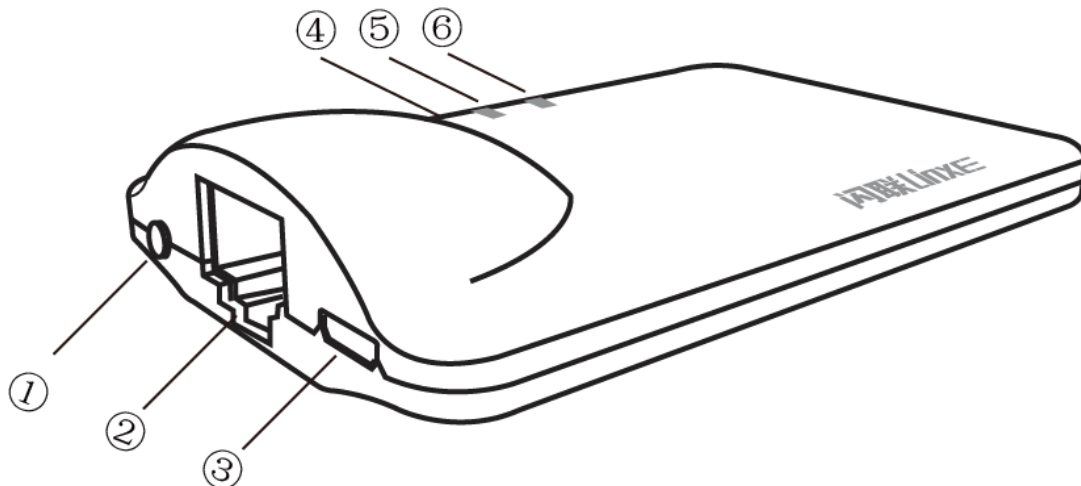
## Installation

The installation for the ultrathin wireless router R100 is shown in diagram below:



Ultrathin wireless router R100 is plug and play and easy to set up. Just connect the router with power supply and the network cable, the product can achieve wireless network coverage without any setting in the most working environment, and can connect any equipment that supports WiFi with the Internet.

## Parts and Functions



Code	Function	Description
①	RESET	Hold the RESET (over 5s) to recover the router to default settings, and then the router may automatically restart
②	RJ45 Interface	10/100M self-adaption network interface
③	Mirco-USB Interface	Only for power supply
④	POWER Indicator	The green indicator is normally on after the router has supplied power
⑤	WAN Indicator	The green indicator flashes after the router has connected with network cable
⑥	WiFi Indicator	After starting WiFi, green is normally on, after wireless equipment has connected with the router the green indicator flashes

## Router Connection and Setting

### Router Connection

Start the notebook or wireless equipment with WiFi function to search for the wireless network name, the ultrathin wireless router R100 is “LINXEE\_Ultrathin\_Router\_XXXX” (XXXX is the last four digits of the WiFi MAC address), please see the mark listed on the rear side of the router for detailed

information on the WiFi MAC address. Click connection for data transmission with the router.

Note: The default WiFi connection password is not set for the product, users may log on the WEB setting page and set the network name and connection password according to the actual conditions.

## Router Setting

We have provided the WEB setting page for the ultrathin wireless router R100, and you may define other functions of the router and customize your product.

### Enter in WEB Setting Page

1. The default IP address of the router is “192.168.7.1”.
2. Input default IP address “192.168.7.1” in the browser, then press Enter.
3. Fill into corresponding information in the ID and password bar. The default system logon ID of the router R100 is “admin”, and default password is “password”. You may enter in WEB Setting Page after inputting the correct ID and password.

Note: In the WEB setting page, you may modify the logon ID and password.



Windows Security

The server 192.168.7.1 at GoAhead requires ID and Password.

Warning: This server requires sending your ID and Password through unsafe mode (without basic certification of safe connection).

ID

Password

Remember my information

Enter      Cancel

## Introduction to WEB Setting Page

### I. Main Interface

In the WEB Setting Page, you may directly select the page language. Three languages are available: English, Simplified Chinese and Traditional Chinese.

Select Language

Simplified  
Chinese  
Simplified  
Chinese

▼

Enter

### II. Network Setting

#### 1. WAN:

You may select suitable online mode according to the use environment, and set the parameters according to the online mode. Router R100 provides three common WAN online modes: dynamic, static, PPPoE. The default online mode is dynamic, and you may adjust the online mode according to the actual use environment.

#### 2. LAN:

You may set the wireless LAN parameters of the router, modify the default gateway and modify the IP address for the WiFi terminal equipments.

Note: The default IP address is: 192.168.7.1

Subnet Mask Code: 255.255.255.0

#### 3. Client Terminal List:

You may check all WiFi client terminals which connect with the ultra thin and portable wireless router R100.

### III. Wireless Parameters

#### 1. Network Name

You may set the network name of the wireless router here.

The default name is "LINXEE\_Ultrathin\_Router\_XXXX"

Note: XXXX is the last four digits of the WiFi MAC address

Wireless Network	
Network Name	LINXEE_Ultrathin_Router_F783

## 2, Safety Setting

You may set the safety encryption of the router in “Safety Setting” for avoiding unauthorized access. The product provides 4 common safety encryption modes: Disable (without encryption key), WPA-PSK, WPA2-PSK and WPA-PSK/WPA2-PSK, please select suitable encryption mode according to the actual conditions. The default is Without Encryption Key.

Wireless Security Setting	
Safety Mode	<div> <div>Disable</div> <div> <div>Disable</div> <div>WPA-PSK</div> <div>WPA2-PSK</div> <div>WPA-PSK/WPA2-PSK</div> </div> </div>
Enter	Cancel

## IV. System Management

### 1. Management

You may set the administrator login ID, password and system time, the default system administrator login ID is “admin”; password is “password”.

### 2. Firmware Upgrading

Update the router firmware to obtain new functions. After firmware upgrading, the router will automatically restart, and the upgrading process requires about several minutes, please be patient to wait.

**Warning:** Please do not turn off the wireless network or cut off power supply of the router during updating. It may possibly cause router default if incorrect firmware is updated.

### 3. Setting Management

You may export or import system settings, or recover the system default settings with this function.

### 4. State

You may check the WAN and LAN online information of the router here.

## Contact Info

Linxee Wireless  
5000 Yonge Street  
Suite 1901  
Toronto, Ontario  
Canada M2N 7E9  
[www.linxeewireless.com](http://www.linxeewireless.com)

## Certification

NOTE: 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.

This equipment has been tested and found to comply with FCC and CE standards. Operations is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received. Including interference that may cause undesired operation.



**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.