

Lenovo™

LJ2208/LJ2208W

激光打印机

Laser Printer

用户手册

User's Guide

Version 01.00

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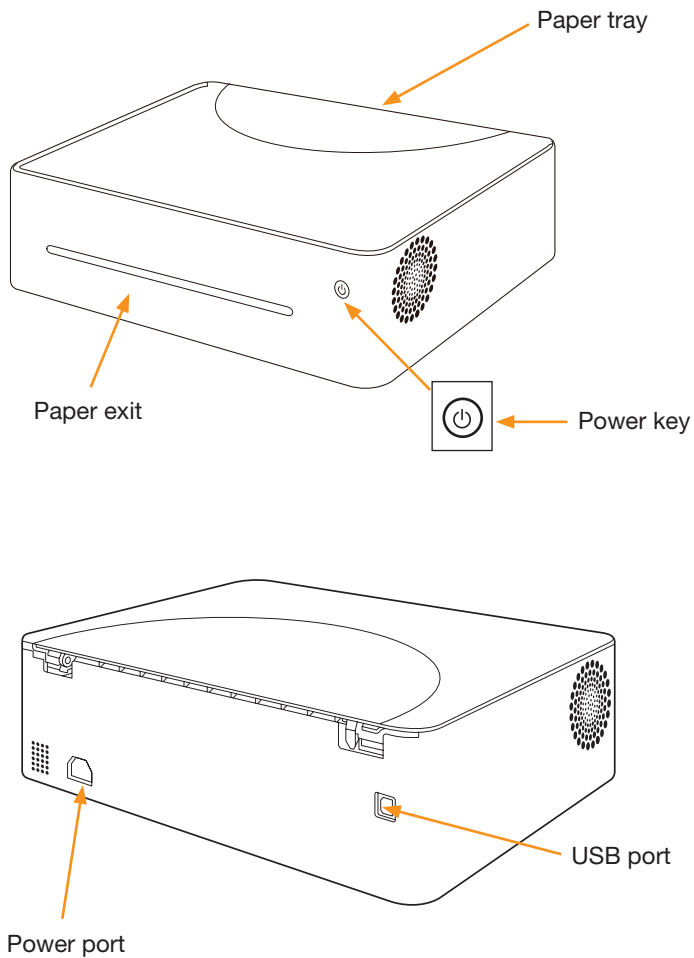
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1

Guide to Components

This section introduces the names of the parts in front, at the back and inside the machine.

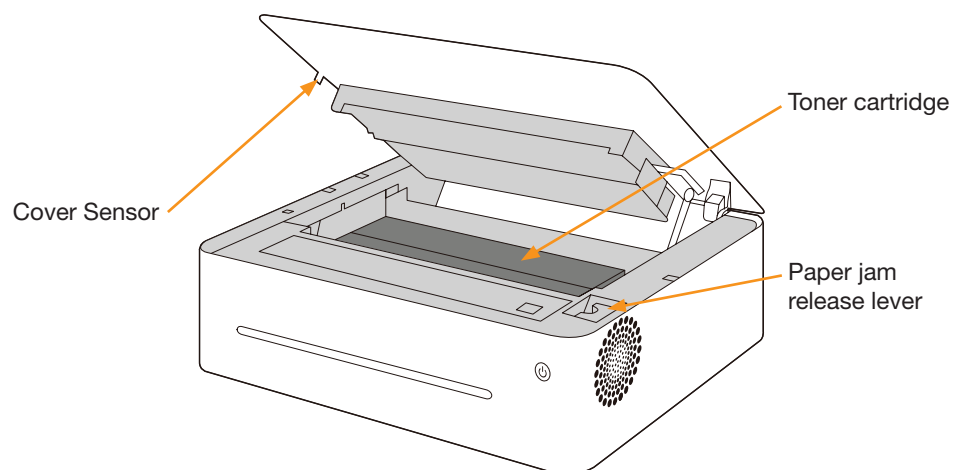
Exterior



Note

- Please refer to **Chapter 9: Keys and Indicators** for details of key functions and how indicators display the printer device status.

Interior



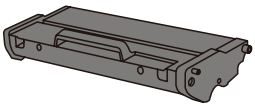


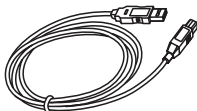
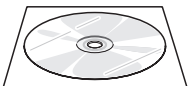

2

Setting up the Printer

2.1 Unpacking

1 Take the printer and all accessories out of the packaging.

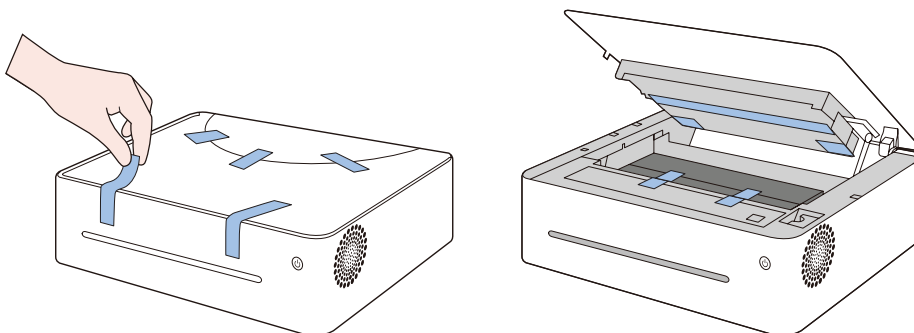
Check you have all the accessories listed below.

Toner cartridge 	Power cable (1.5 m) 	Safety manual Quick Installation Guide 
USB cable (1.2 m) 	CD-ROM 	Safety manual 

Important

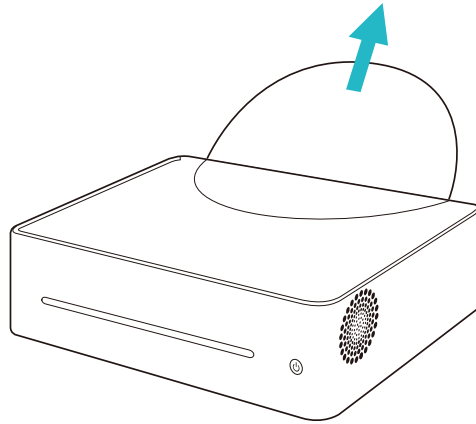
- If you find any accessories or parts missing or defective, please notify your reseller immediately.
 - The toner cartridge has been installed in the printer.
 - Some parts may be not used in other countries.
 - Printer driver and user manual are in the CD-ROM.
-

2 Carefully remove the packing tape from the outside and inside of the printer.



2.2 Opening the Paper Feed

Open the feed tray.



2.3 Loading Paper

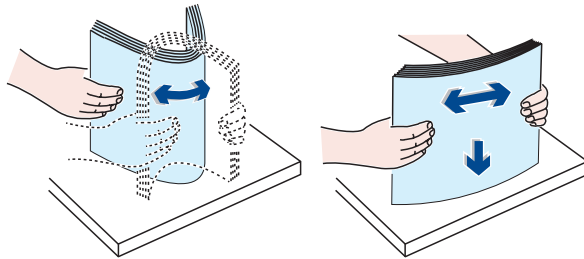
This section explains how to load paper into the paper feed.

Note

- Please refer to **Chapter 3: Print Media** for details of print media.

- 1** Before loading the paper, bend the sheets back and forth and fan the stack.

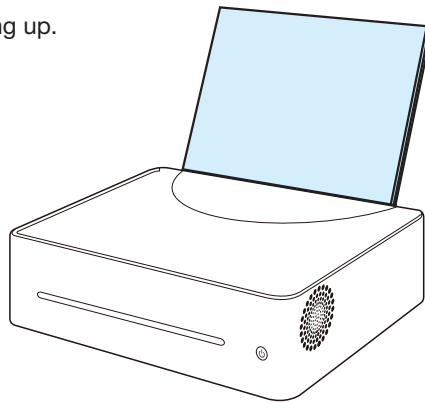
Use a flat surface such as a desk to line up the edges of the sheets.



Note

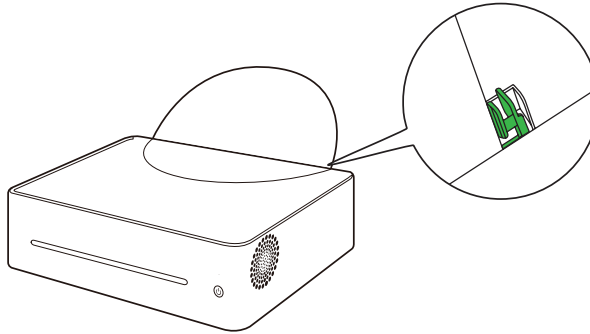
- Doing this helps to prevent paper jams.

- 2** Load the paper with the front side facing up.



- 3** Do not load too much paper at a time. The feed tray can hold 50 sheets (A4 70g/m²) maximum.

4 Pinch the paper guide clip and slide it to fit the paper size.



Important

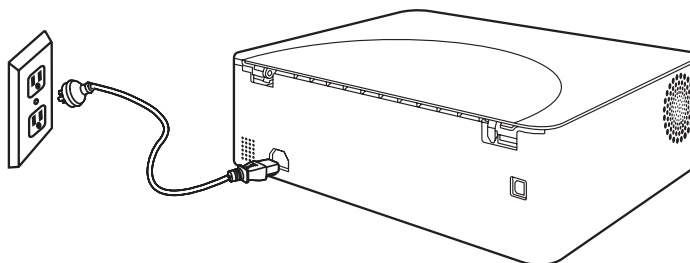
- Please make sure to set the paper size and type when loading paper. When printing, please specify the paper size and type in the printer driver so the settings can be used for printing the loaded paper.
-

Note

- Please refer to **Chapter 3: Print Media** for how to specify the paper size and type in the printer driver.
 - Curled paper may cause paper jams. Please flatten curled paper before loading it.
 - Do not push the paper guide too far. This may cause the paper to bend.
 - Failure to adjust the paper guide may cause a paper jam.
 - If you need to add paper to the paper feed while printing, remove any remaining paper in the paper feed first and then add new paper. Adding new sheets to the feed tray while there is paper remaining may cause paper jams or concurrent feeding of multiple sheets.
-

2.4 Connecting the Printer to a Power Socket

- 1 Plug the power cable into the power port at the back of the printer.

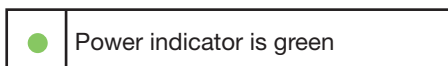


- 2 Plug the other end of the power cable into a properly grounded AC power supply socket.

2.5 Starting the Printer

Hold the  **power key** for 0.5 seconds or longer to start the printer.

The indicator display shown below indicates that the printer is ready.



Note

- After the printer starts, the scanner will perform auto calibration. Please wait for the process to complete.
-

2.6 Installing Printer Drivers and Neo Printing Software

Different Models

Some functions may not be available on all models or in all countries/regions.

Drivers and Neo Printing software are listed below.

Drivers and Neo Printing software	LJ2208	LJ2208W
Printer Driver	√	√
Neo Printing (Windows & Mac)	√	√
Neo Printing (Android & iOS)	×	√

Three ways to install drivers	Install a new printer (USB) Install a new printer (Wi-Fi) Install an online printer
Installing Neo Printing software	<p>Neo Printing software will be installed on your device by default when you choose Quick Install.</p> <div>Note<hr/><p>◆ Please refer to Neo Printing Software for details</p><hr/></div>
Before installing printer drivers	<p>Please confirm the following items:</p> <ul style="list-style-type: none">◆ Your computer has 128MB or more of internal memory.◆ Your computer has 200 MB or more free space available on the hard disk.◆ Your computer has a Windows or Apple Mac operating system which supported by this printer.
<div>Note<hr/><ul style="list-style-type: none">• Please refer to Chapter 7: Drivers for more information about compatible operating systems.</div>	

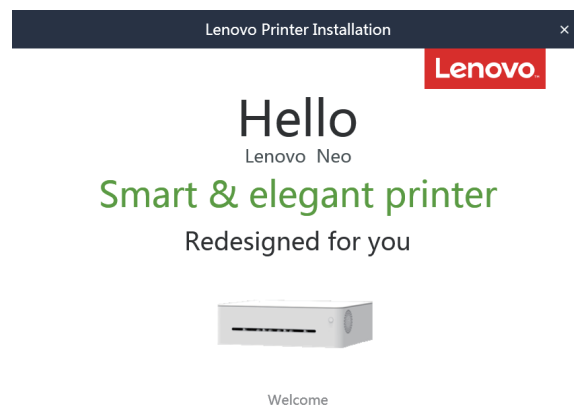
Install a new printer (USB)

Installation of Wireless Driver Program in Windows System

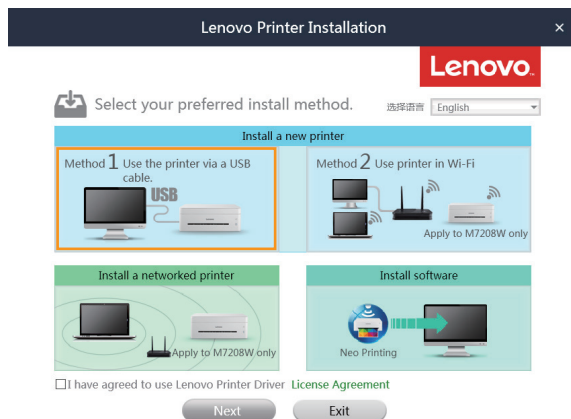
Installation Requirements:

The operating system should be XP SP3 and above, and version 4.0 or later of the .Net Framework system plugin should be installed.

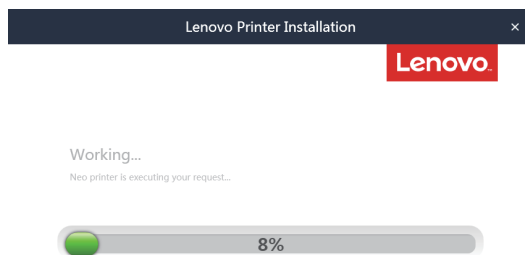
- 1** Start the printer and connect the computer and printer with the USB cable.
- 2** Insert the CD-ROM supplied with this product into the computer's CD-ROM drive.
- 3** Select proper installation directory for your printer model. Click "setup.exe" to start the installation.
- 4** Firstly, the Neo Printing Driver Installation startup page will display for 2 seconds.



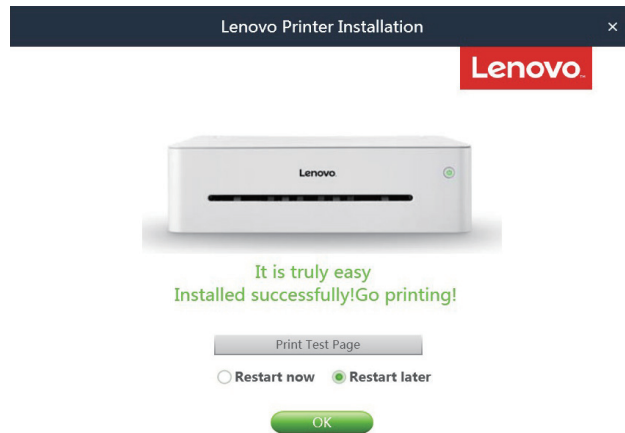
- 5 When the Setup screen appears, choose your language, click “Method 1. Use the printer via a USB cable”, and read the license agreement carefully. If you accept the license agreement, check the box labeled “I have agreed to use Lenovo Printer Driver”, and then click “Next”.



- 6 The program will start installing automatically.



-
- 7 After installation is complete, you can click [Print Test Page] to check if the printer driver is installed properly, or you can select the restart mode and click “OK” to exit the driver installer.

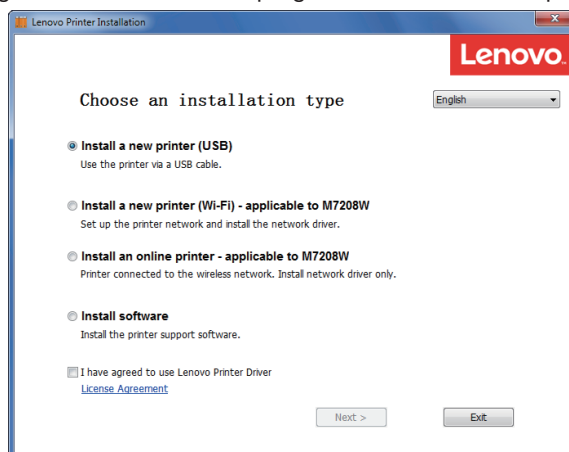


The printer is ready for use after the printer driver program is installed.

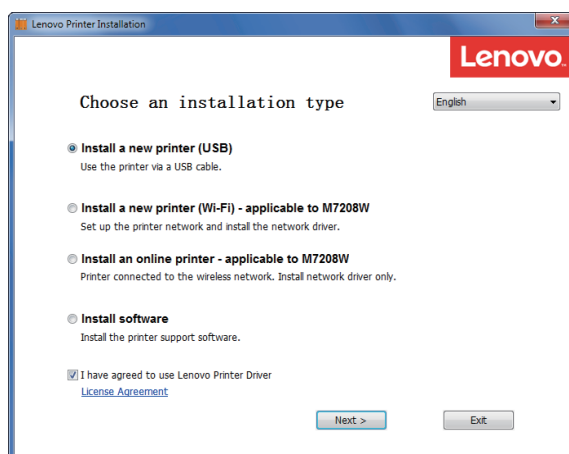
If the version of your operating system is earlier than XP SP3, or if a .Net Framework system plugin of version 4.0 or later has not been installed, the driver installer will automatically call up other driver installers suitable for this system.

Here's an example on Windows 7. Actual operating procedures depend on your specific operating system.

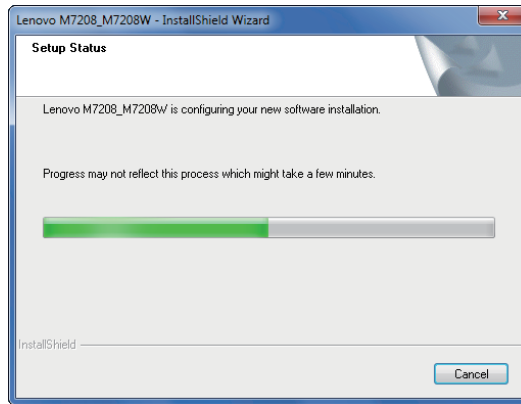
- 1** Start the printer and connect the computer and printer with the USB cable.
- 2** Insert the CD-ROM supplied with this product into the computer's CD-ROM drive.
- 3** Select proper installation directory for your printer model. Click "setup.exe" to start the installation.
- 4** Select a language when the installation program interface comes up.



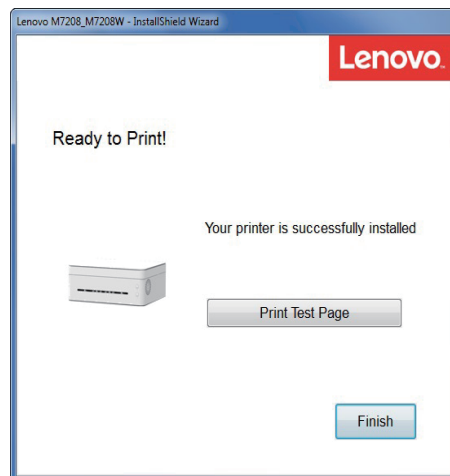
- 5** Click "Install a new printer (USB)". Please study the Agreement. If you accept the agreement, please tick the box in front of "I have agreed..." and then click "Next".



6 The program will start installing automatically.



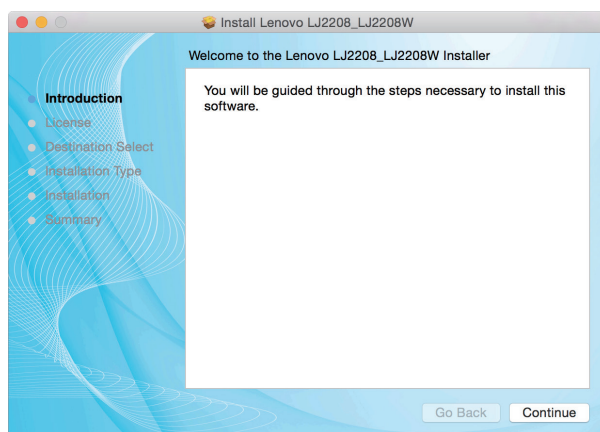
7 Click [Finish] after the installation is completed.



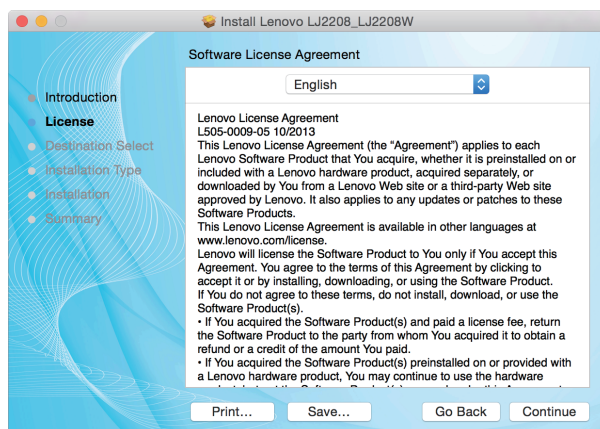
The printer is ready for use after the printer driver program is installed.

Installing drivers on Mac OS

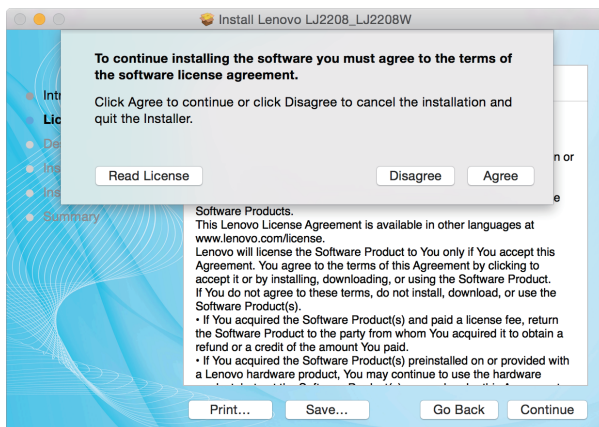
- 1 Start the printer and connect the computer and printer with the USB cable.
- 2 Insert the CD-ROM supplied with this product into the computer's CD-ROM drive.
- 3 Double click the CD disk icon on the computer desktop.
- 4 Double click the [Install] icon. A window will pop up as shown in the screenshot below.



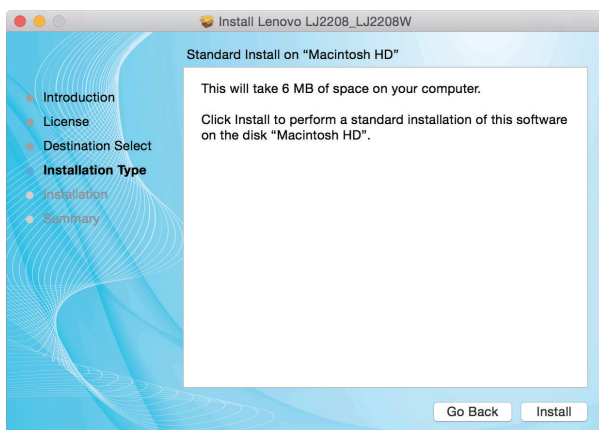
- 5 Click [Continue] in the introduction window.
- 6 When the License Agreement interface appears, please select the required language.
- 7 Please carefully read the software License Agreement, and click [Continue].



-
- 8 If you accept the terms of the license agreement, please click [Agree] to continue installation.



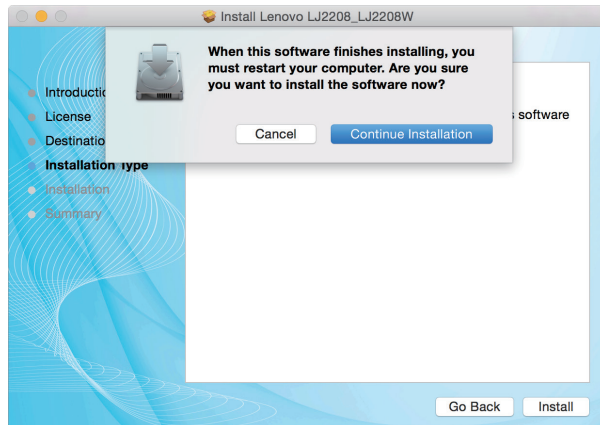
- 9 Click [Install], and the system will perform a default install of the software.



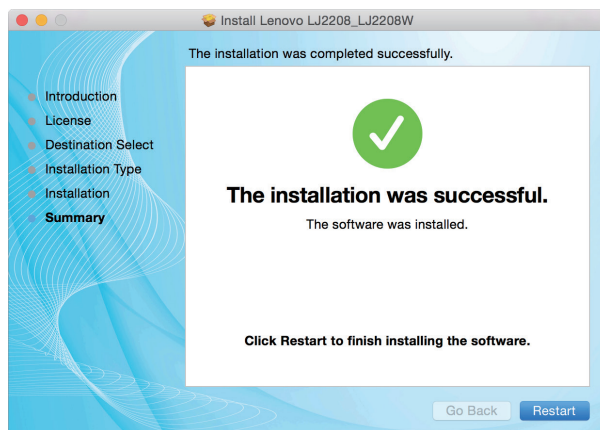
-
- 10** For MAC OS X 10.5 and 10.6, enter the administrator name and password and click [OK].

For MAC OS X 10.7, 10.8 and 10.9, please enter the administrator name and password and click [Install Software].

- 11** Click [Continue Installation].



- 12** Click [Restart] to complete the installation.



Install a new printer (Wi-Fi)

If you want the wireless features when you use the printer for the first time, you need to set up the wireless configuration before you can operate the printer wirelessly.

Attention

- Some features are unavailable to a certain model or in a certain country/region. Regarding specific configurations and features of a model, please refer to **Different Models**. Regarding the installation of the wireless printer driver, please refer to **Chapter 8 Print over Wi-Fi**

Install a printer wired into the network

Please install the wireless printer driver the first time you use a printer that already has wireless configuration.

Attention

- Some functions and optional items may not be available on all models or in all countries/regions. Regarding specific configurations and features of a model, please refer to **Different Models**.
 - Regarding the installation of the wireless printer driver, please refer to **Chapter 8 Print over Wi-Fi**
-
-

Upgrading Printer Drivers

You can upgrade the installed printer driver by following the steps below.

- 1** In the [Start] menu, click [Devices and Printers].
 - ◆ Windows XP, Windows Server 2003/2003 R2:
In the [Start] menu, select [Printers and Faxes].
 - ◆ Windows Vista, Windows Server 2008:
In the [Start] menu, select [Control Panel] and click [Hardware and Sound]-[Printer].
 - ◆ Windows 8/8.1, Windows Server 2012/2012 R2:
Click [Settings] on the charm bar, and then click [Control Panel].
When the window pops up, click [View devices and printers].
- 2** Right click the icon of the printer you want to modify, and click [Printer Properties].
 - ◆ Windows XP/Vista, Windows Server 2003/2008:
Right click the icon, and click [Properties].
- 3** Click the [Advanced] tab.
- 4** Click [New Driver...], and click [Next].
- 5** Click [Have Disk....].
- 6** Click [Browse...], and select the location of the printer driver.
- 7** Click [OK] and specify the printer model.
- 8** Click [Next].
- 9** Click [Finish].
- 10** Click [OK] to close Printer Properties window.
- 11** Restart the computer.

Uninstalling Printer Drivers

You can use the uninstall program also can uninstall the printer driver by following the steps below.

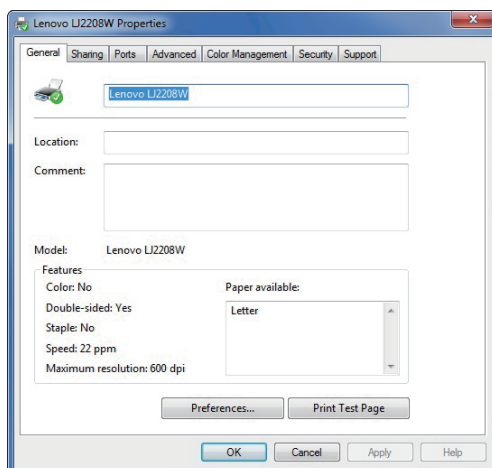
- 1** In the [Start] menu, click [Devices and Printers].
 - ◆ Windows XP, Windows Server 2003/2003 R2:
In the [Start] menu, select [Printers and Faxes].
 - ◆ Windows Vista, Windows Server 2008:
In the [Start] menu, select [Control Panel]
and click [Hardware and Sound]-[Printer].
 - ◆ Windows 8/8.1, Windows Server 2012/2012 R2:
Click [Settings] on the charm bar, and then click [Control Panel].
When the window pops up, click [View devices and printers].
- 2** Right click the icon of the printer you want to delete, and click [Remove Device].
 - ◆ Windows XP/Vista, Windows Server 2003/2003 R2/2008:
Right click the icon you want to delete and click [Delete].
- 3** Click [Yes].
- 4** Click any printer icon, and click [Print Server Properties].
- 5** Click the [Driver] tab.
- 6** If [Change Driver Settings] is displayed, please click it.
- 7** Select the type of printer that you want to delete, and then click [Delete].
- 8** Select [Remove Driver And Driver Package] and click [OK].
- 9** Click [Yes].
- 10** Click [Delete].
- 11** Click [OK].
- 12** Click [Close] to close the Print Server Properties window.

2.7 Printing a Test Page

At the end of driver installation, there will be a print test page option, and you can also print the test page by the following.

This example uses Windows 7.

Click [Start], then [Devices and Printers]. Right click your printer and select [Printer Properties] to display the properties dialog box (As shown below).




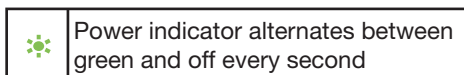
Click [Print Test Page].

If the test page is successfully printed, the Lenovo LJ2208/LJ2208W has been configured correctly.

2.8 Printing a Configuration Page

The configuration page shows your printer settings, such as printer model name, network parameters, name and password of Soft AP, Toner Volume, Waste Toner Box and Print Count.

When the printer is in the state of standby, quickly press the  **power key** three times in a second and observe the indicator light.



This indicates that print tasks have been set up successfully.

3

Print Media

3.1 Supported Paper

Paper Sizes

A4	
Letter	"8½" × 11"
B5	
A5 LEF	
B6 LEF	
A6	
Executive	7¼" × 10½"
16K	(185 × 260 mm)
Custom Paper Size	

Custom Paper Size supports the following sizes:

- Width Approx. 76.2-216mm (3-8.5 inches)
- Length Approx. 116-356mm (4.5-14 inches)

Paper Types

Plain Paper	(70-90 g/m²)
Recycled Paper	(70-90 g/m²)
Thick Paper	(90-105 g/m²)
Thin Paper	(60-70 g/m²)
Label	

Paper Capacity

Paper tray	50 sheets (70 g/m²)
------------	---------------------

3.2 Non-Recommended Paper Types

Do not use the following types of paper:

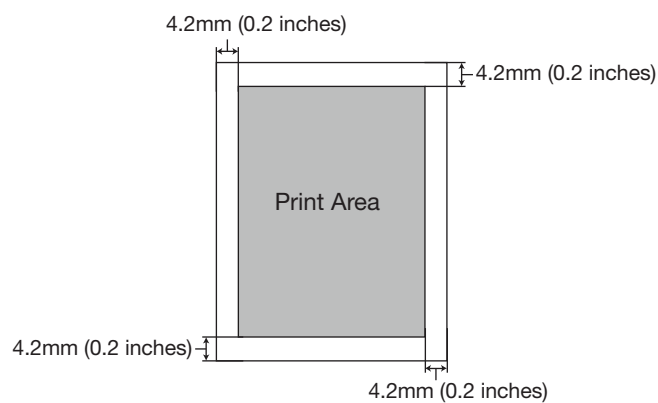
- ◆ Special paper for ink-jet printers
- ◆ Special paper for viscous inks
- ◆ Curled, folded or creased paper
- ◆ Twisted paper
- ◆ Corrugated paper
- ◆ Wet paper
- ◆ Dirty or torn paper
- ◆ Excessively dry paper that may produce static
- ◆ Printed paper except that with header/footer designs
- ◆ Paper printed by non-laser printers (e.g. monochrome or color copiers, ink-jet printers, etc) in particular may cause failures
- ◆ Special paper such as thermal paper and carbon paper
- ◆ Paper weighing heavier or lighter than the limit
- ◆ Paper with windows, holes, perforations, cutouts, or embossing
- ◆ Adhesive label paper on which glue or base paper is exposed
- ◆ Paper with clips or staples
- ◆ Envelopes

Note

- Poorly stored paper can cause paper misfeeds, print quality degradation, or malfunctions.
 - Use of any of the paper types listed above may damage the product. Such damage is not covered by the warranty from Lenovo (Beijing) Limited.
-

3.3 Print Area

The picture below shows the area of the paper that the machine can print on.



Note

- The print area may vary depending on the paper size and printer driver settings.
-

4.1 Print Jobs

This printer offers two options for handling printing:

- ◆ Printing with a Printer Driver
- ◆ Printing with Neo Printing

Printing with a Printer Driver

This option allows you to print files on the computer using printer drivers.

The example below is for Adobe Reader XI on Windows 7.

The steps needed to print may be different for other software or environments.

Please see the software you are using to print for the actual steps you need to follow.

1 Please confirm the printer is connected.

2 Open the file you want to print.

3 Select Print in the File menu.

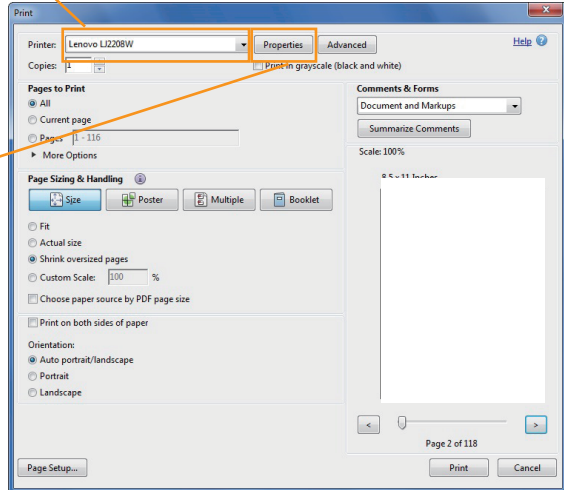
The print dialog box is displayed. (Dialog box may be different for other software.)

Select basic print settings in the print dialog box.

The settings include number of **copies**, **paper size** and **orientation**.

Please make sure your printer is selected.

Click [Properties]
if displayed. Click
[Settings], [Printer] or
[Options] if displayed,
then [Properties].



If no other print requirements are needed, click [Print] to start printing.

Note

- Click the [Properties] button in the print dialog box to display another dialog box with more printer settings.
 - Any changes made will apply only to the software currently in use.
If you want your printer to always use the settings, please follow the steps below:
 1. Click the Windows [Start] button.
 2. Select [Devices and Printers] to open the window.
 3. Select your printer, right click, and select [Printing Preferences].
 4. Configure the printer settings here and click [OK]. These settings will be effective for all printing on this computer.
 - Please refer to **Chapter 7: Drivers** for details about the printer settings.
 - Please refer to **Chapter 9: Keys and Indicators** for details of key functions and how indicators display the printer device status.
-

Printing with Neo Printing

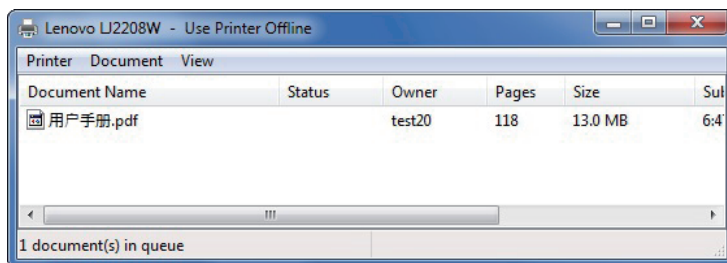
For details, see >> the section on Print in the **Neo Printing User's Guide**.

4.2 Canceling Print Jobs

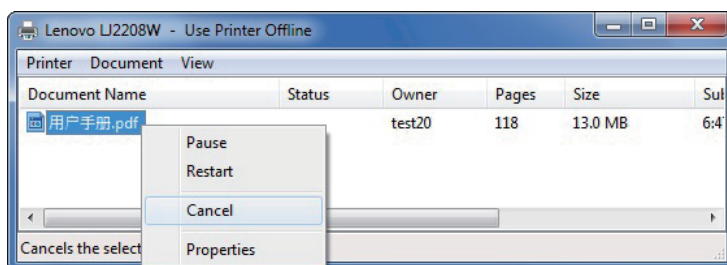
The steps for canceling a print job are different for jobs that are not yet printing or currently printing.

Canceling a Print Job before Printing has started

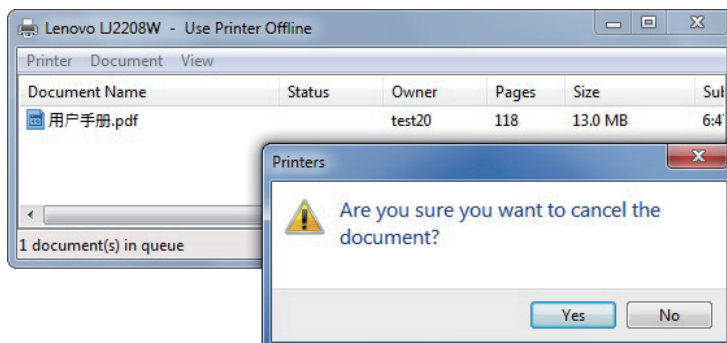
- 1 Double click the printer icon on the taskbar at the bottom right of the computer desktop. The print queue is displayed.




- 2 Click [Print Task]. Then right click it and click [Cancel].



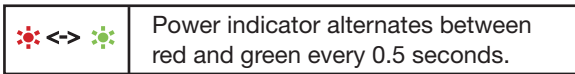
- 3 Click [Yes] to cancel the task.



Canceling a Print Job during Printing

Press and hold the  **power key** for one second or longer.

The LED indicator display shown below indicates the current task is being canceled.



Important

- If you cancel a print job that has already been processed, printing may continue for a few pages before being canceled.
 - It may take a while to cancel large print jobs.
-

5 Drivers

This chapter describes the settings for printer drivers.

5.1 Supported System Environment

Windows XP	Home/Professional/Professional x64 (SP2 or later)
Windows Vista	Home Basic/Home Premium/Business/Enterprise/ Ultimate
Windows 7	Home Basic/Home Premium/Professional/ Enterprise/Ultimate
Windows Server 2003	Standard/Standard x64/Enterprise/Enterprise x64 (SP1 or later)
Windows Server 2003 R2	Standard/Standard x64/Enterprise/Enterprise x64
Windows Server 2008	Standard/Standard without Hyper-V/Enterprise/ Enterprise x64 without Hyper-V
Windows Server 2008 R2	Standard/Enterprise
Windows 8	Windows 8
Windows 8.1	Windows 8.1
Windows Server 2012	Windows Server 2012
Windows Server 2012 R2	Windows Server 2012 R2
Mac OS X 10.5-10.9	Mac OS X 10.5-10.9

5.2 Drivers Used in Windows

The example below illustrates printing with Windows 7.

The actual operation may differ depending on the software used.

To print documents from the computer using the printer drivers, do the following:

1 Open the file you want to print.

2 Select Print in the File menu.

The print dialog box will be displayed. (The dialog box may differ between software.)

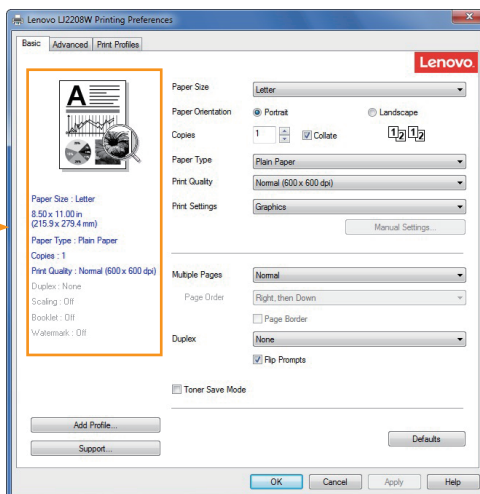
Select Basic Print Settings in the Print dialog box.

The settings include number of **copies**, **paper size** and **orientation**.

3 Click [Properties]. Edit the print settings in the Properties dialog box.

Basic Tab

(1) Displays the current settings



Select the options below to change the corresponding settings as required.

- ◆ Paper Size
- ◆ Paper Orientation
- ◆ Copies
- ◆ Paper Type
- ◆ Print Quality
- ◆ Print Settings
- ◆ Multiple Pages
- ◆ Duplex
- ◆ Toner Save Mode

Check the selected settings displayed in Window (1).

Click to OK.

To restore default settings, please click Defaults followed by OK.

Paper Size

Select the required paper size from the drop-down list.

Supported paper sizes: Letter/A4/A5/A6/B5/B6/Executive/16K/A5(LEF)/B6(LEF)/Custom Paper Size

Custom Paper Size supports the following range of paper sizes:



- Width Approx. 76.2-216mm (3-8.5 inches)
- Length Approx. 116-355.6mm (4.57-14 inches)

Note

- Refer to Supported Paper Sizes and Types in **Chapter 3 Print Media** for details on paper size.
- The selected paper size should be the actual size of the document to be printed.

Paper Orientation

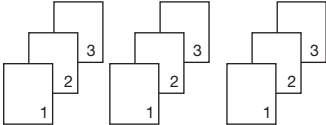
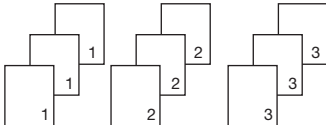
You can select the orientation of your document (Portrait or Landscape).

Portrait (vertical)	Landscape (horizontal)
	

Copies

You can define the number of copies to be printed.

- Collate
If the Collate check box is checked, one complete copy of your document will be printed and then repeated for the number of copies you selected.
If the Collate check box is not checked, then each page will be printed for the number of copies selected before the next document is printed.

Collate check box is selected	Collate check box is not selected
	

Paper Type

This machine supports the following types of printing media. For optimal print quality, select the correct printing media.

- ◆ Plain Paper
- ◆ Recycled Paper
- ◆ Thick Paper
- ◆ Thin Paper
- ◆ Label

Print Quality

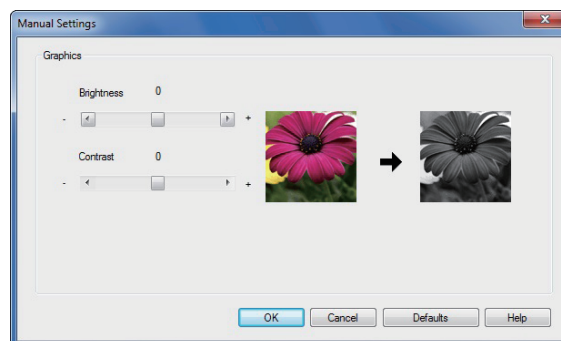
You can select one of the following print quality options:

- ◆ Normal (600*600dpi)
- ◆ Fine (1200*600dpi)

Print Settings

You can select one of the following print modes:

- ◆ Graphics
The optimal print mode for graphic documents.
- ◆ Text
The optimal print mode for text documents.
- ◆ Manual
You can select Manual and click [Manual Settings] button to change the settings for Brightness and Contrast.



Multiple Pages

The Multiple Page selection can reduce the image size of a page, allowing multiple pages to be printed on one sheet of paper.

You can also enlarge the image size for printing one page on multiple sheets of paper.

◆ Page Order

When the N in 1 option is selected, you can select the desired page order from the drop-down menu.

Important

- When the N in 1 option is selected, the Scaling option in the Advanced tab will not be available.
 - When the 1 in NxN Pages option is selected, the duplex will not be available. A warning message will pop up.
-

◆ Border Line

When printing multiple pages on the same sheet, you can choose to add solid borders or to print without borders.

◆ Print Crop Marks

When the 1 in NxN Pages option is selected, you can select the Print Crop Marks option to add fine crop marks to the print area.

Duplex

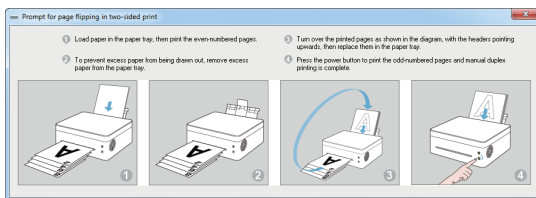
Select Duplex Printing to print on both sides of the paper.

Steps:

1 Select Long Edge or Short Edge.

2 Enabling Duplex displays a dialog box with the instructions for installing paper.

The dialog box is shown below:



3 After the first side is printed, according to the dialog box with the instructions, you will need to manually reload the paper to print the second side.

4 After reloading the paper, press the  **Power key** once, which should be flashing red.

5 The printer will continue to print the second side.

Important

- The label does not support duplex printing.
-

Print Order

If the Reverse Print check box in the Advanced tab is checked,

even pages will be printed in reverse order (...8,6,4,2), followed by odd pages in reverse order (...7,5,3,1).

If the Reverse Print checkbox in the Advanced tab is unchecked,

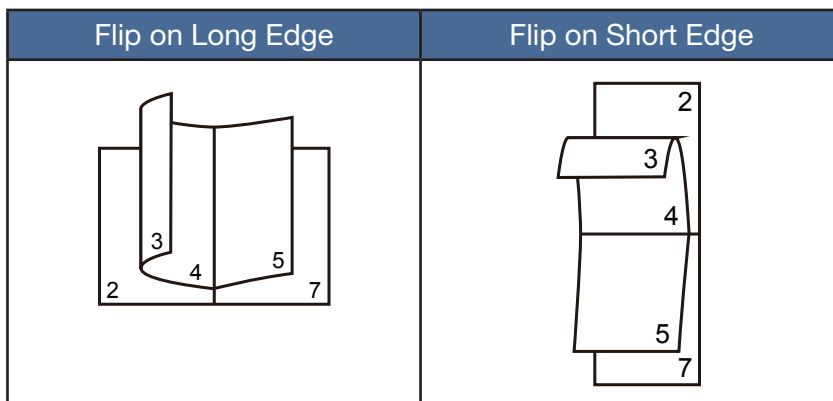
even pages will be printed in reverse order (...2,4,6,8), followed by odd pages in reverse order (...1,3,5,7).

Note

- If the total number of pages is odd, the last page of the printed document will be a blank page.
-

- ◆ None
- ◆ Flip on Long Edge
- ◆ Flip on Short Edge

Two Ways of Binding



Toner Save Mode

Activate the Toner Save mode to reduce toner consumption.

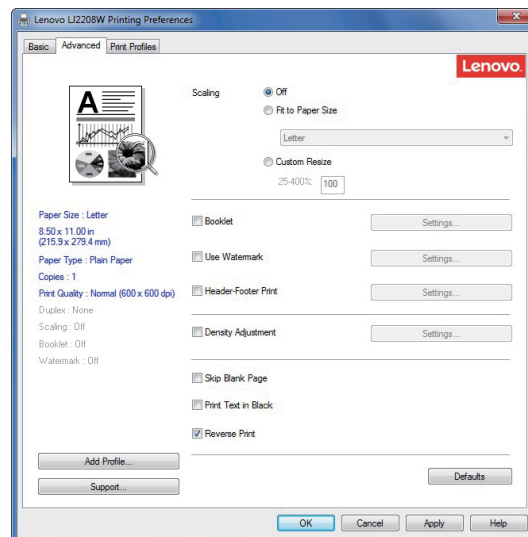
In Toner Save mode, the printed document will be fainter, but print density remains the same.

This option is disabled by default.

Important

- The printing speed and memory usage will not be affected in the Toner Save mode.
-

Advanced Tab



You can click the options below to change the corresponding settings:

- ◆ Scaling
- ◆ Booklet
- ◆ Use Watermark
- ◆ Header-Footer Print
- ◆ Density Adjustment
- ◆ Skip Blank Page
- ◆ Print Text in Black
- ◆ Reverse Print

Scaling

You can change the scaling of printed images.

- ◆ Off
- ◆ Fit to Paper Size
- ◆ Custom Resize [25%-400%]

Important

- When Fit to Paper Size or Custom Resize is selected, Multiple Pages or Booklet Printing options are unavailable.
 - A warning message will pop up.
-

Booklet

Select this option to print a booklet with the duplex printing feature. The printer will automatically arrange the pages in the required order. You only have to fold the printed pages.

The following options are available on the Booklet dialog box.

- ◆ Booklet Creation Settings

Left Binding

Right Binding

- ◆ Booklet Printing Method

All Pages at Once

Divide into Sets

Select the Divide into Sets option to print a booklet as a set of smaller booklets.

The pages will be automatically ordered. You only have to fold the printed pages.

You can set the number of pages in each booklet set to between 1 to 15. This option is very useful when printing booklets with many pages.

- ◆ Binding Offset

When Binding Offset is selected, you can assign a binding offset value in mm or inch.

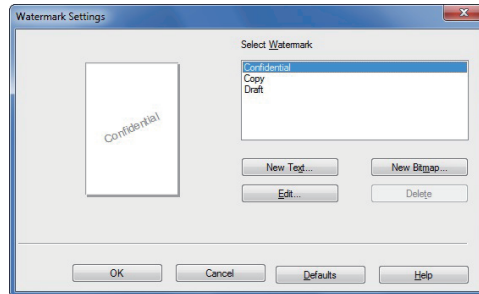
Important

- When Booklet print is selected, a warning dialog box will pop up, and the Flip on Long Edge feature will be activated.
 - When Booklet print is selected, the Page Number function in Multiple Page and the Header-Footer Print mode will not be available.
-

Use Watermark

You can add a logo or text into your documents as a watermark. You can choose to use a preset watermark or a text/image file you created. Check the Watermark check box, and click [Settings].

Watermark Settings



◆ Select Watermark

Select the required watermark.

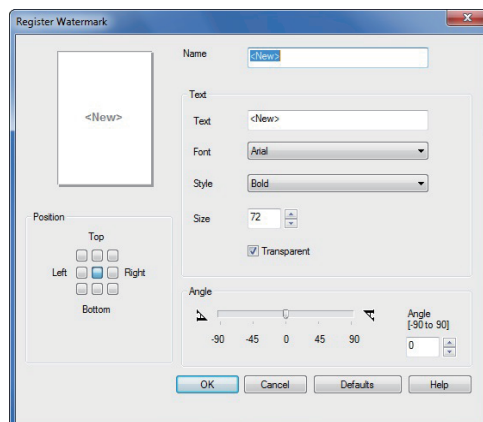
Click **New Text** or **New Bitmap** to create a new watermark.

◆ New Text

Watermark text can contain up to 29 characters.

Name

Enter a proper title in the text box.



Text

Enter the watermark text in the text box, and select the **Font**, **Style**, and **Size** of the watermark, and select the required **Transparent** option.

Transparent

Check this check box to make the watermark transparent, such that the text or images below the watermark remain visible.

Leave this check box unchecked to make the watermark completely opaque, such that the text and images underneath it are completely covered.

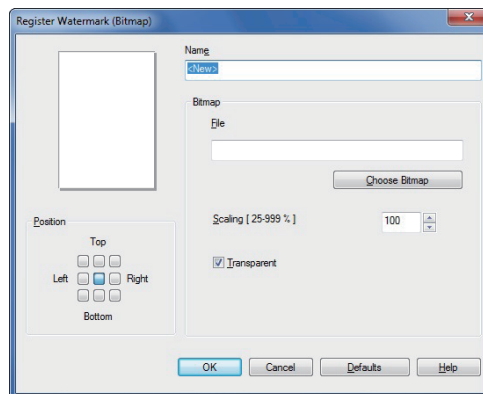
Angle

Define the angle at which the Watermark will be inclined.

Position

Define the position of the watermark on the page.

◆ New Bitmap



Name

Enter a proper title in the text box.

Bitmap

Select the name of the required image file.

Scaling

Change the size of the selected image.

Position

Define the position of the watermark on the page.

Transparent

Check this check box to make the watermark transparent, such that the text or images below the watermark remain visible.

Leave this check box unchecked to make the watermark completely opaque, such that the text and images underneath it are completely covered.

Click [OK] after creating a new text or bitmap, and the new watermark will be created.

Important

- When watermarks are used, the "1 in NxN Pages" option in Multiple-Page will not be available.

◆ Edit

Select the watermark to be edited from the watermark list, and click [Edit] to call out either the "Edit Watermark" or "Edit Watermark (Bitmap)" dialog box.

◆ Delete

Select the watermark to be deleted from the watermark list, and click [Delete]. Follow the instructions on the pop up dialog box to delete the watermark.

Note

- Standard watermarks cannot be edited or deleted.
-

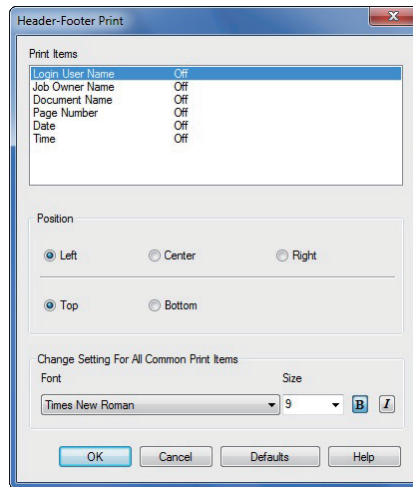
Header-Footer Print

Use this feature to add a header and footer to the document.

Check the Header-Footer Print check box, and click [Settings] to configure the settings.

The settings include:

- ◆ Login User Name
- ◆ Job Owner Name
- ◆ Document Name
- ◆ Page Number
- ◆ Date
- ◆ Time



Position

Use the Position settings to define the position of the header/footer on the page.

Three options are available in the horizontal direction: Left/Center/Right.

Two options are available in the vertical direction: Top/Bottom.

Font

You can set the text font.

Size

You can set the text size.

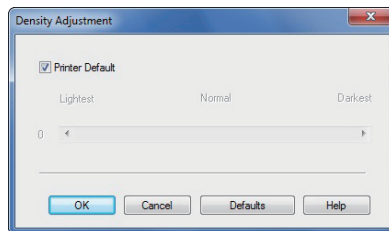
"B" button: bold.

"I" button: italic.

Density Adjustment

Use this option to increase or decrease print density.

To adjust print density, check the Density Adjustment check box, and click [Settings].



Other print options

◆ Skip Blank Page

If Skip Blank Page is checked, the printer driver automatically detects blank pages and excludes them from printing.

Important

This option does not work when the following options are selected:

- Use Watermark
 - Header-Footer Print
 - Multiple Pages
 - Duplex
 - Booklet
-

◆ Print Text in Black

If this option is checked, all texts will be printed in black.

Important

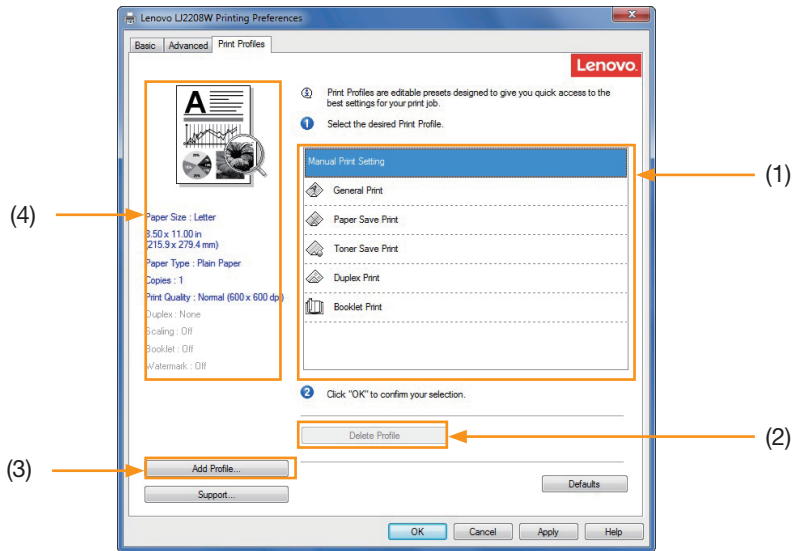
- Some characters may not show up properly under this option.
-

◆ Reverse Print

If this option is selected, all pages will be printed in the reverse order.

Print Profile Tab

Profiles are editable presets designed to give you quick access to frequently used printing configurations.



- Profile Box (1)
- Delete Profile (2)
- Add Profile (3)
- Current Profile View (4)

1 Select the required profile from the Profile Box.

2 Click [OK] to apply the selected profile.

Add Profile

Click [Add Profile] to open the dialog box.

1 Enter the name of the profile.

2 Select the icon you want to use from the icon list, and click [OK].

3 The selected settings is displayed on the left of the printer driver window.

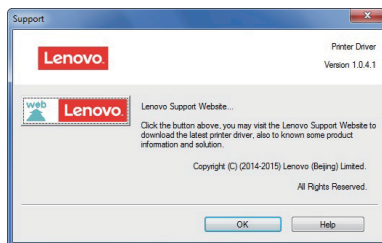
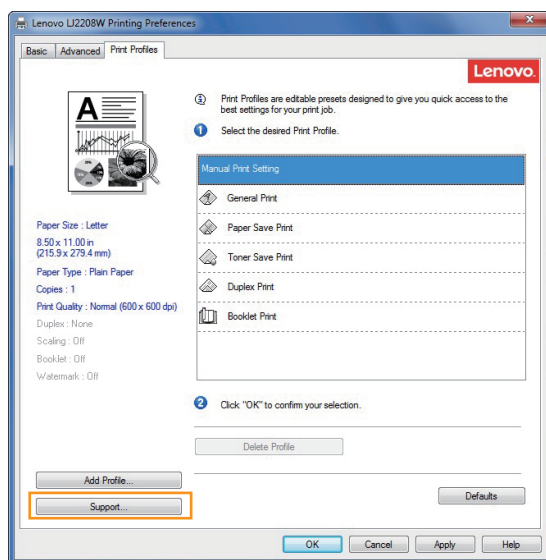
Delete Profile

Use this option to delete a profile.

1 Select the profile to be deleted from the [Select the desired Print Profile] tab.

-
- 2 Click to delete the profile.
 - 3 Click [OK].
 - 4 The selected profile will be deleted.

Support



Lenovo Support Website

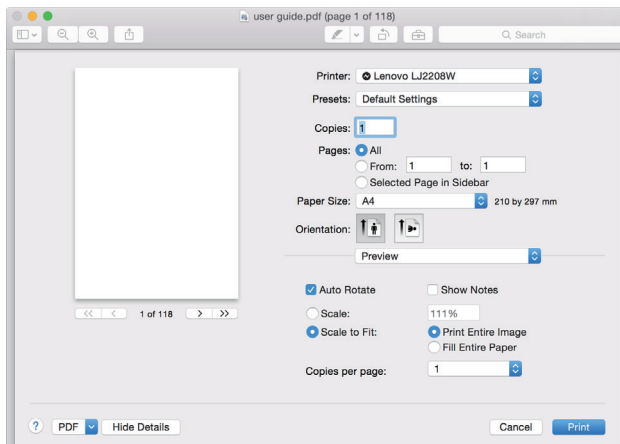
The Lenovo website (<http://www.lenovo.com/> and <http://www.lenovo.com.cn>)

provides information on Lenovo products, including FAQs, driver updates and tips on using Lenovo products.

Visit the Lenovo website for more information and technical support.

5.3 Drivers Used in Mac

Basic



Select the options below to change the corresponding settings as required.

- ◆ Paper Size
- ◆ Orientation
- ◆ Copies
- ◆ Media Type
- ◆ Image Quality
- ◆ Print Settings
- ◆ Toner Save Mode

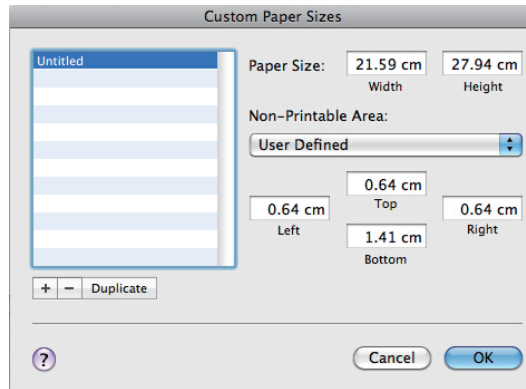
Check the selected settings displayed in the preview window.

Paper Size

Select the required paper size from the drop-down list.

Supported paper sizes: US Letter/A4/A5/A6/JIS B5/JIS B6/Executive/16K/A5(LEF)/B6(LEF)/Custom Paper Size

Manage Custom Sizes (System Build-in Function)



Create a Custom Paper Size

- 1 Open the file to be printed;
- 2 Follow the steps below:
 - Go to **File >> Page Settings**. In the Settings menu, select **Page Properties**, Then select Format followed by **Any Printer**. This will allow you to print documents on any printer that supports the paper size you have defined.
 - If the Page Settings is not available, select **File >> Print**. If the Print dialog box contains only two pop-up menus and some buttons at the bottom, click the triangle beside the pop-up menu.
- 3 Select **Custom Paper Size** from the **Paper Size** pop-up menu.
- 4 Click the "+" button.
- 5 Double click the Paper Size Name and enter a new name.

Enter the required dimensions under **Paper Size** and **Non-Printable Area** and click "OK".

Note

- System Build-in Function: Built-in functions vary with the version of OS X installed.
-

Orientation

You can select the orientation of your document (Portrait or Landscape).

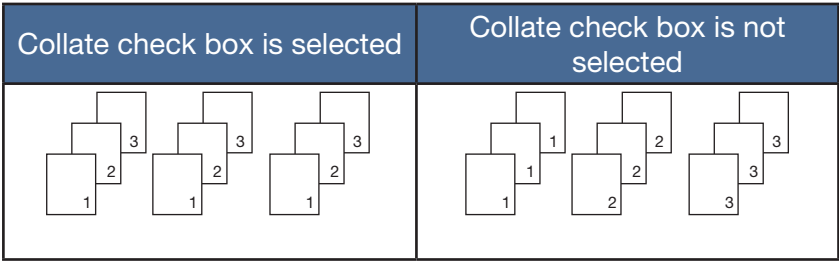


Copies

You can define the number of copies to be printed.

◆ Collate

If the Collate check box is checked, one complete copy of your document will be printed and then repeated for the number of copies you selected. If the Collate check box is not checked, then each page will be printed for the number of copies selected before the next document is printed.



Media Type

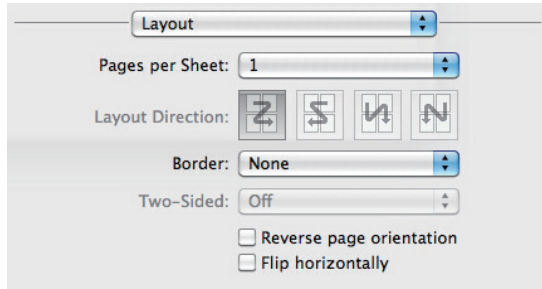
This machine supports the following types of printing media. For optimal print quality, select the correct printing media.

- ◆ Plain Paper
- ◆ Recycled Paper
- ◆ Thick Paper
- ◆ Thin Paper
- ◆ Tagboard

Print Settings

Adjust Brightness: Brightness refers to the brightness or darkness of the image. At high brightness levels, the color will be almost white.

Multiple Page (Built-in Function)



With this function, you can print multiple pages on the same sheet.

Five options are offered: "1", "2", "4", "6", "9" and "16".

- ◆ Layout Direction (Built-in Function)

When the N in 1 option is selected, you can select the layout direction and position of the pages on the same sheet.

- ◆ Border


When printing multiple pages on the same sheet, you can choose to add borders.

Duplex

Select Duplex Printing to print on both sides of the paper.

- ◆ Duplex printing Steps:

- 1 Select to print using the Manual Duplex option.
- 2 Print the even pages (... 8,6,4,2) on the first page

-
-
- 3** After the first side is printed, according to the dialog box with the instructions, you will need to manually reload the paper to print the second side.
 - 4** After reloading the paper, press the  **Power key** once, which should be flashing red.
 - 5** The printer will continue to print the second side.

Note

- The tagboard does not support duplex printing.
-

Color Balance

You can adjust the blackness of the printing by adjusting the toner density.

Toner Save Mode

In the Toner Save Mode, toner consumption is reduced and the printed document will be fainter.

Image Rotation (180°)

You can rotate the image 180 degrees before printing.

Brightness

You can adjust the brightness of the image from -100 to 100.

Skip Blank Pages

If Skip Blank Page is checked, the printer driver automatically detects blank pages and excludes them from printing.

Important

- This option does not work when the following options are selected:
- Multiple Pages
 - Duplex
-

6

Print over Wi-Fi

6.1 Wi-Fi Config and Installation

Install a new printer

Before installation: Verify that your printer supports Wi-Fi connection. Not all models support Wi-Fi connections.

Note


- For programs and software configurations for different printers, see >> **2.6 Programs and Software Configurations** for Different Printers.

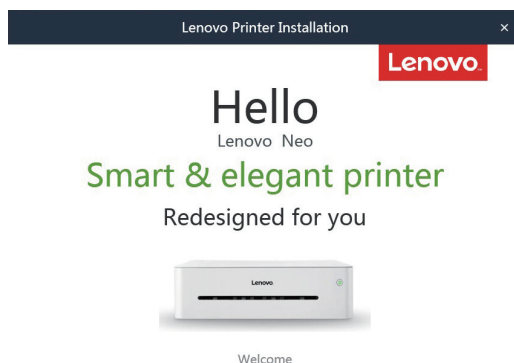
Installation Requirements:

The operating system should be XP SP3 and above, and version 4.0 or later of the .Net Framework system plugin should be installed.

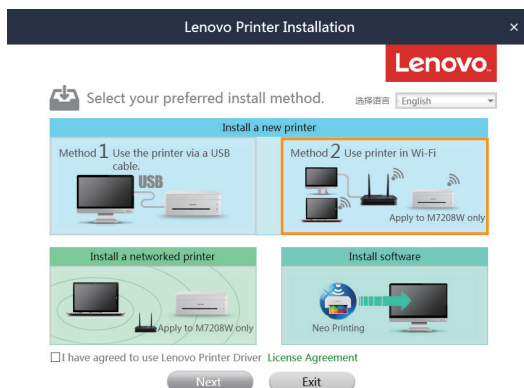
Here's an example on Windows 7. Actual operating procedures depend on your specific operating system.

Installation steps:

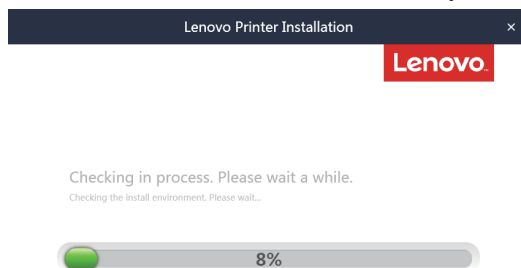
- 1 Power on the printer, connect the computer to the Wi-Fi which will be connected to the printer.
- 2 Press and hold  **power key** for 1 second to enable Wi-Fi connection.
- 3 Insert the CD-ROM provided with this product into your computer's CD-ROM drive.
- 4 Connect the Printer to the PC using a USB cable.
- 5 Firstly, the Neo Printing Driver Installation startup page will display for 2 seconds.



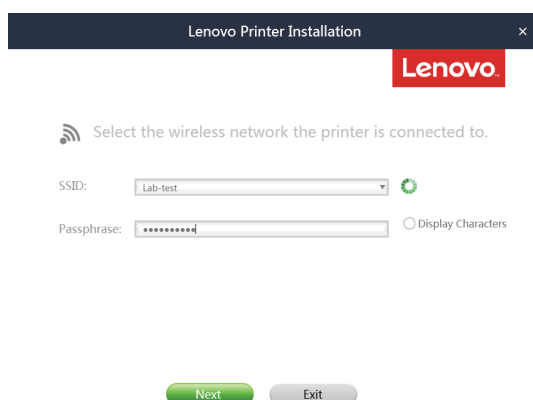
- 6 Click "Method 2. Use printer in Wi-Fi", and read the license agreement carefully. If you accept the license agreement, check the box labeled "I have agreed to use Lenovo Printer Driver", and then click "Next".



- 7 The computer's network connection status is automatically detected.

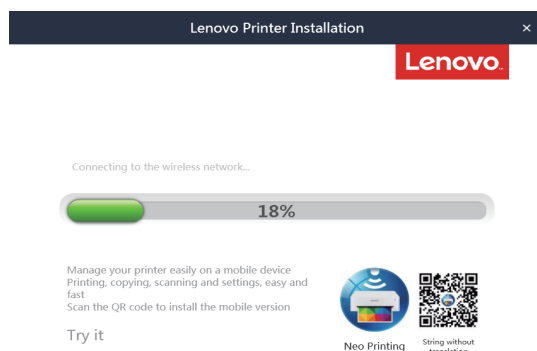


- 8 If the computer's wired connection is found to be working properly, the user will need to select the network manually, and then verify the printer's wireless network parameters; if it was detected that the computer is only connected to Wi-Fi, then the computer's Wi-Fi parameters will be used as the printer's wireless network parameters.



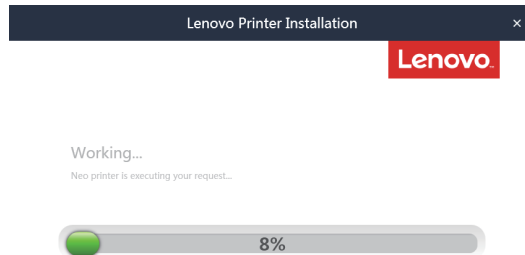
The screenshot shows the 'Lenovo Printer Installation' window. At the top is the title bar 'Lenovo Printer Installation' with a close button. Below it is the Lenovo logo. The main content area has a Wi-Fi icon and the text 'Select the wireless network the printer is connected to.' Below this, there are two input fields: 'SSID:' with a dropdown menu showing 'Lab-test' and a green circular refresh icon to its right, and 'Passphrase:' with a text box containing eight asterisks. To the right of the passphrase field is a radio button labeled 'Display Characters'. At the bottom of the window are two buttons: a green 'Next' button and a grey 'Exit' button.

- 9 After obtaining the printer's wireless network parameters, the printer's wireless parameters will be automatically configured. After completing this step, disconnect the USB connection.

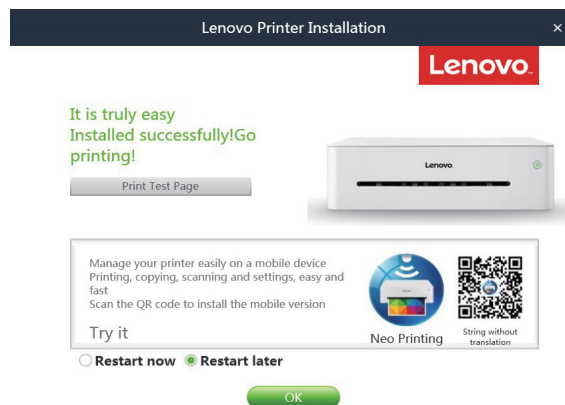


The screenshot shows the 'Lenovo Printer Installation' window. At the top is the title bar 'Lenovo Printer Installation' with a close button. Below it is the Lenovo logo. The main content area has the text 'Connecting to the wireless network...' above a progress bar. The progress bar is a horizontal bar with a green segment on the left and the text '18%' in the center. Below the progress bar, there is text: 'Manage your printer easily on a mobile device', 'Printing, copying, scanning and settings, easy and fast', and 'Scan the QR code to install the mobile version'. Below this text is the phrase 'Try it'. To the right of the text is a circular icon with a printer and the text 'Neo Printing' below it. To the right of the 'Neo Printing' icon is a QR code with the text 'String without translation' below it.

10 The driver is automatically installed.



11 After installation is complete, you can click [Print Test Page] to check if the printer driver is installed properly, or you can select the restart mode and click "OK" to exit the driver installer.




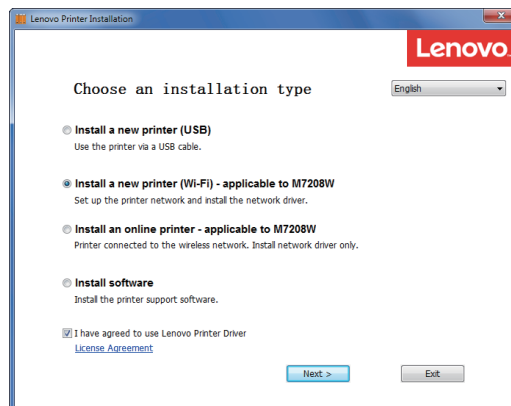
Wi-Fi configuration and installation is now complete. You can now print over Wi-Fi.

If the version of your operating system is earlier than XP SP3, or if a .Net Framework system plugin of version 4.0 or later has not been installed, the driver installer will automatically call up other driver installers suitable for this system.

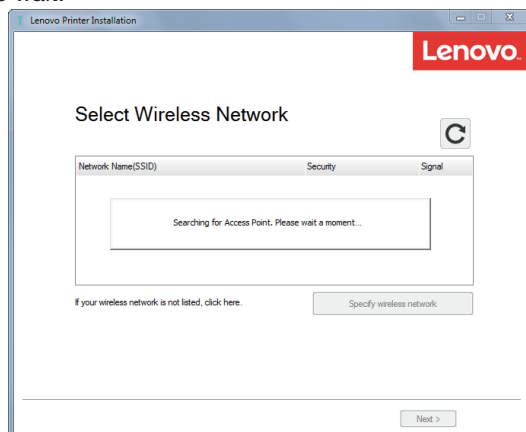
Here's an example on Windows 7. Actual operating procedures depend on your specific operating system.

Installation steps:

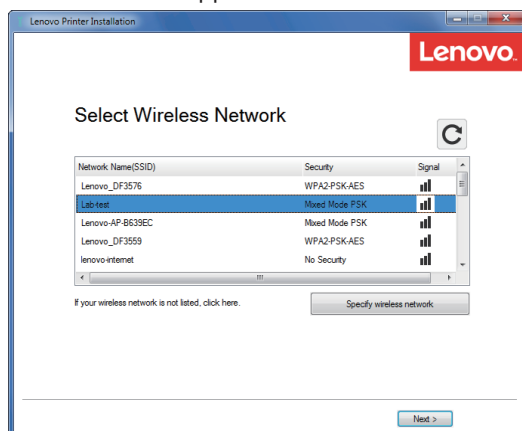
- 1** Power on the printer, connect the computer to the Wi-Fi which will be connected to the printer.
- 2** Press and hold  **power key** for 1 second to enable Wi-Fi connection.
- 3** Insert the CD-ROM provided with this product into your computer's CD-ROM drive.
- 4** Connect the Printer to the PC using a USB cable.
- 5** Select [Install a New Printer (Wi-Fi)], and read the license agreement carefully. If you accept the license agreement, check the box beside the "I have agreed..." statement, and click "Next".



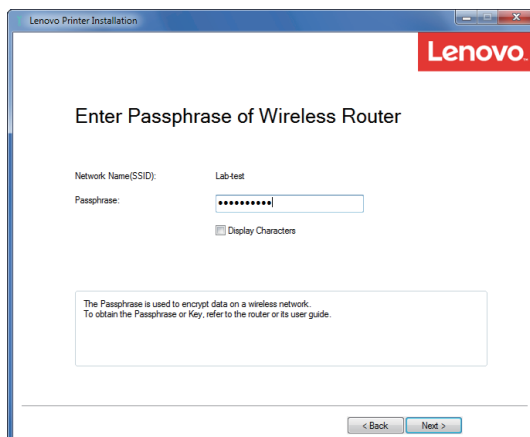
- 6 A dialog box will appear informing you that the system is searching for available networks. Please wait.



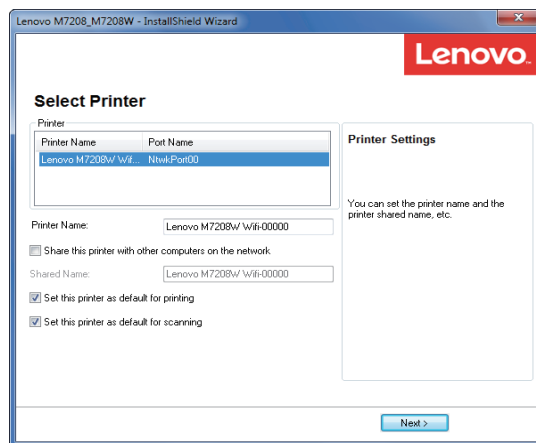
- 7 The list of available networks will appear. Select the desired network and click [Next].



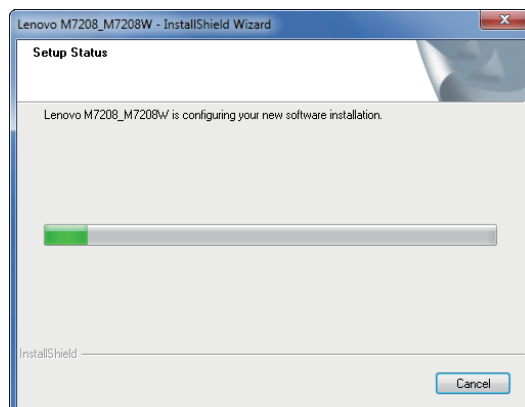
- 8 Enter the password and click [Next].



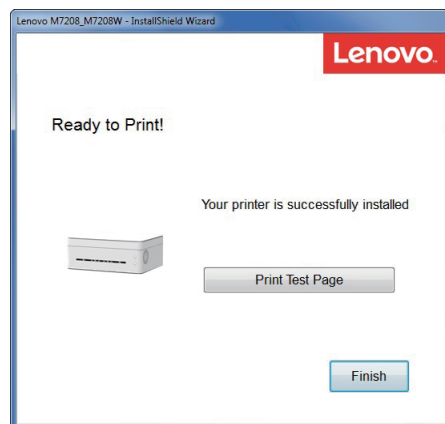
- 9 If the Printer Setup screen does not appear, disconnect the USB connection, select your printer, and then click "Next".



- 10 Wait while the program is installed.



- 11 Setup is now complete. Select whether to restart your computer now and click "Finish".



Wi-Fi configuration and installation is now complete. You can now print over Wi-Fi.

Install a networked printer

Verify that your printer has been Wi-Fi configured. Then Select Network Installation.

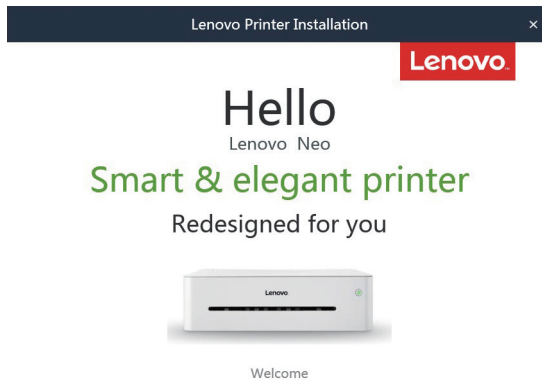
Installation Requirements:

The operating system should be XP SP3 and above, and version 4.0 or later of the .Net Framework system plugin should be installed.

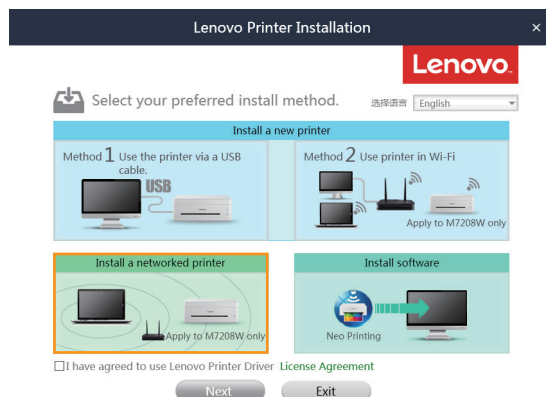
Here's an example on Windows 7. Actual operating procedures depend on your specific operating system.

Installation steps

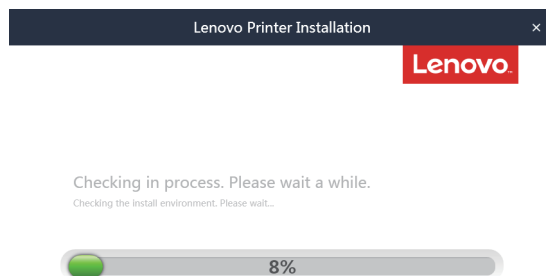
- 1 Verify that the printer is powered on and Wi-Fi is enabled.
- 2 Insert the CD-ROM provided with this product into the CD-ROM drive.
- 3 Firstly, the Neo Printing Driver Installation startup page will display for 2 seconds.



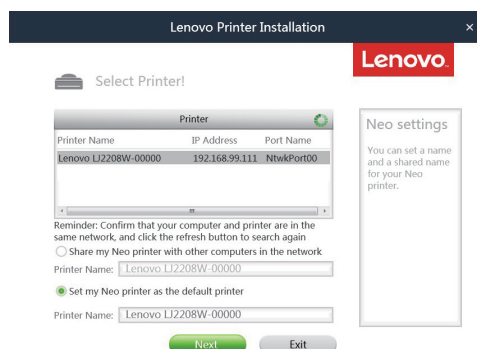
-
- 4 Select [Install a networked printer], and read the license agreement carefully. If you accept the license agreement, check the box labeled "I have agreed to use Lenovo Printer Driver", and then click "Next".



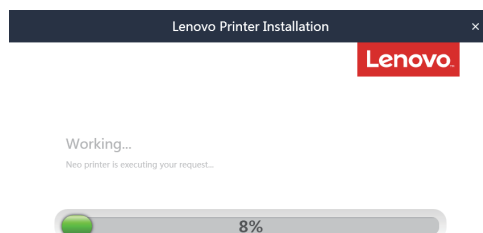
- 5 The computer's network connection status is automatically detected.



6 Select the printer found in the wireless network search.



7 The driver is automatically installed.



-
- 8 After installation is complete, you can click [Print Test Page] to check if the printer driver is installed properly, or you can select the restart mode and click "OK" to exit the driver installer.

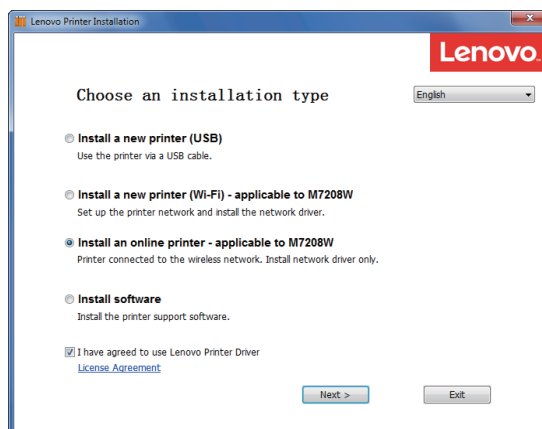


Wireless driver installation is complete. You can now print over Wi-Fi.

If the version of your operating system is earlier than XP SP3, or if a .Net Framework system plugin of version 4.0 or later has not been installed, the driver installer will automatically call up other driver installers suitable for this system.

Here's an example on Windows 7. Actual operating procedures depend on your specific operating system.

- 1** Verify that the printer is powered on and Wi-Fi is enabled.
- 2** Insert the CD-ROM provided with this product into the CD-ROM drive.
- 3** Select [Install an online printer], and read the license agreement carefully. If you accept the license agreement, check the box beside the "I have agreed..." statement, and click "Next".



- 4** A window will appear prompting you to select your printer. Click Refresh.
 - Lenovo LJ2208W will appear on the list. Click "Next" and proceed to Step 6.
 - If the printer does not appear in the list after refreshing, proceed to Step 5.

- 5 Click [Add Printer] and the window shown below will pop up. Enter "Port Name" and "IP Address", and then follow the instructions on screen. Click "Next".

Lenovo M7208_M7208W - InstallShield Wizard

Select Printer

Port Type: TCP/IP

Port Name:

Enter IP Address:

Add Printer

Add your printer to the network

1) For Port Name, enter any name of your choice.
2) Check printer's IP address
3) Enter the IP address.

To check the IP address

Print Configuration Page using control panel menu; press Start button for 3 seconds.

< Back Next >

- 6 Select your printer from the [Select Printer] list, and click "Next".

Lenovo M7208_M7208W - InstallShield Wizard

Select Printer

Printer Name	IP Address	Port Name
Lenovo M7208W	192.168.99.179	NtwkPort01

Refresh Add Printer

Manually add using IP address

☐ I am setting up this printer on a server

Select Printer

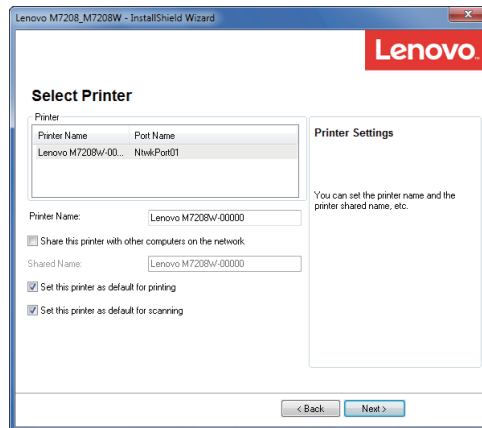
Select the printer you want to install

If your printer is not listed

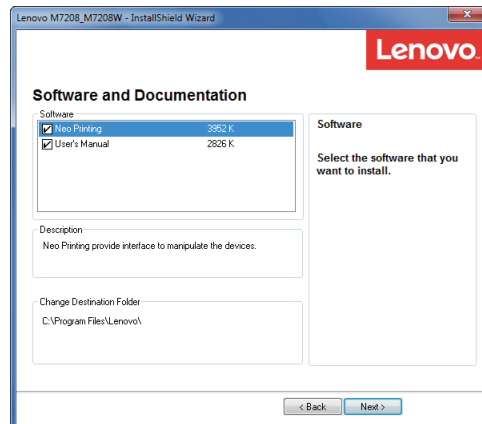
1) Ensure cable is connected to the computer or network.
2) Ensure printer is turned on
3) Click: "Refresh".
4) If the printer is still not listed, either
- Disable your firewall and click "Refresh"
or
- Click "Add Printer" to configure manually

< Back Next >

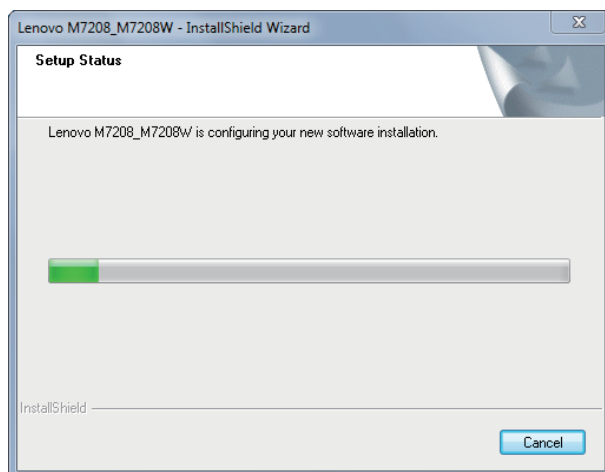
-
- 7 The [Printer Settings] window will appear. Enter the name and share name of your printer, click "Next".



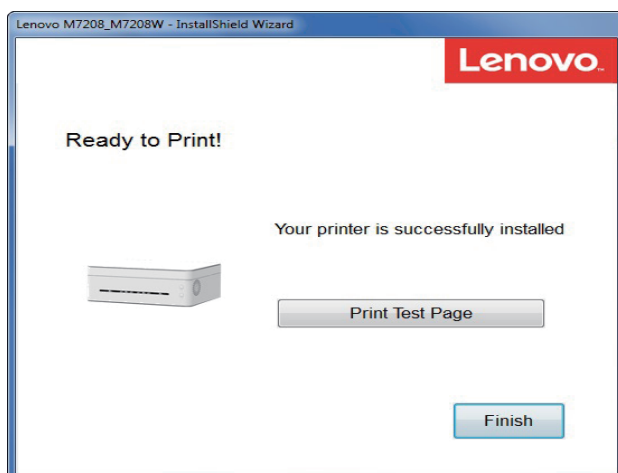
- 8 The [Software and Documentation] window will pop up. Select the software and file to be installed, and click "Next".



9 Wait while the selected items are being installed.




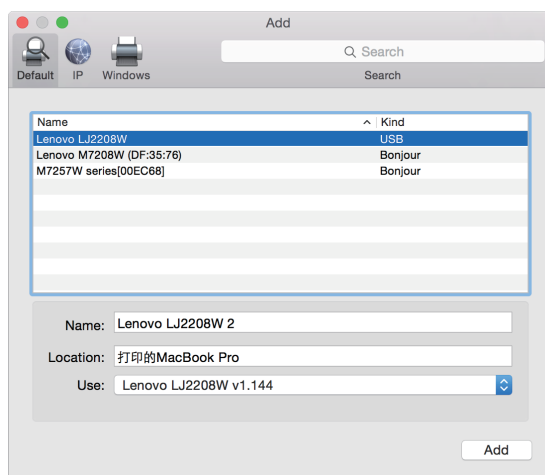
10 Installation is complete. For re-installations, a window will appear asking you if you wish to restart the computer. Select whether to restart the computer immediately, and then click "Finish".



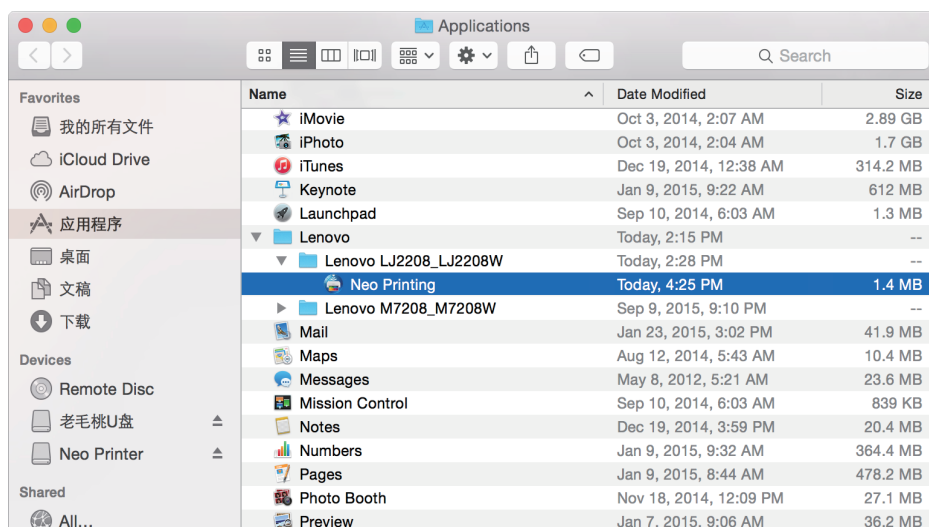
Wireless driver installation is complete. You can now print over Wi-Fi.

6.2 Installation of Wireless Driver Program in Mac OS System

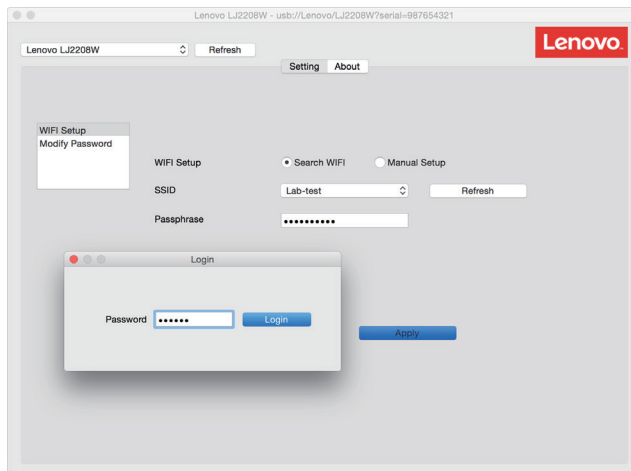
- 1 Follow the instructions in Chapter 2.6 to Installing Printer Drivers and Neo Printing Software.
- 2 Use a USB cable to connect the computer and the printer. Press  **power button** for a second to turn on the printer Wi-Fi. The power button indicator light will turn blue.
- 3 Add a USB printer into the "Printers and Scanners".



- 4 Open the "Neo Printing" software and select "Wi-Fi installation" in the "Settings".



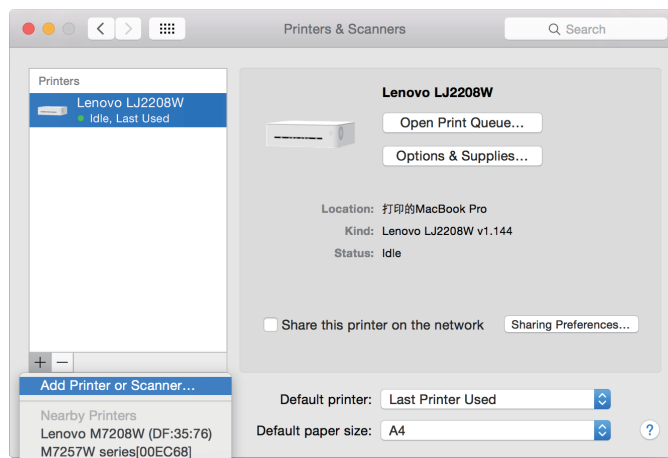
-
- 5 Browse for Wi-Fi, select the network to connect to, and enter the password. The default password is "888888".



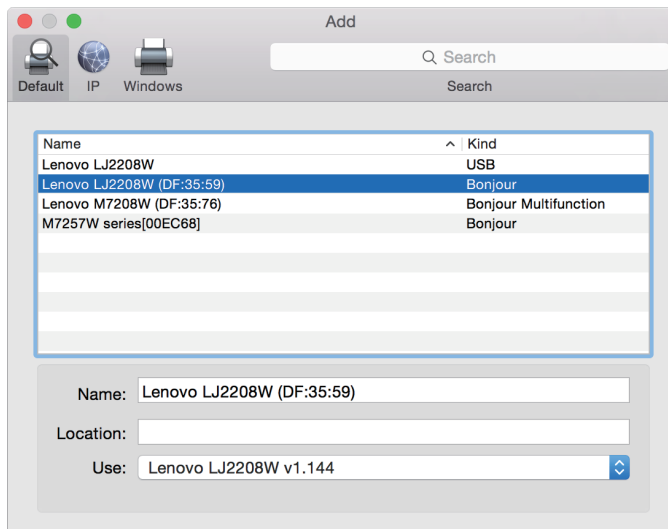
- 6 Add a network printer.

Method 1: Use Bonjour to add a network printer

- a. Click "Add Printer or Scanner".

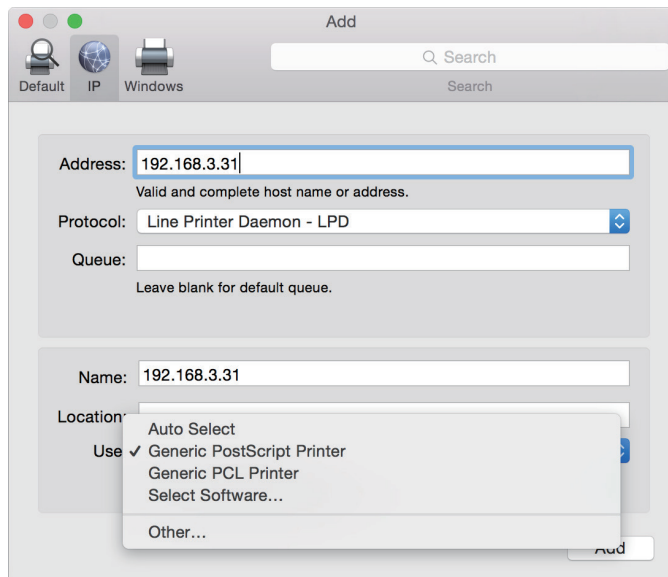


b. Select the printer to be installed and click "Add".



Method 2: Use IP address to add a network printer

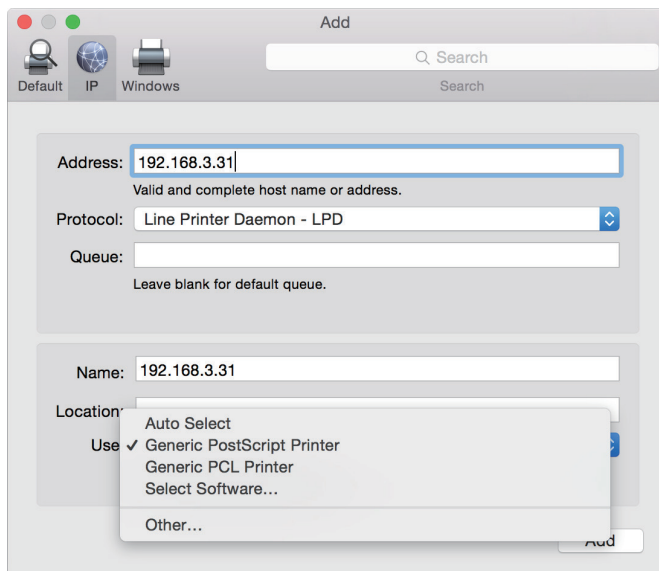
a. Select "Add Printer or Scanner" in the "Printers and Scanners" and enter the address in the "[IP] Address".



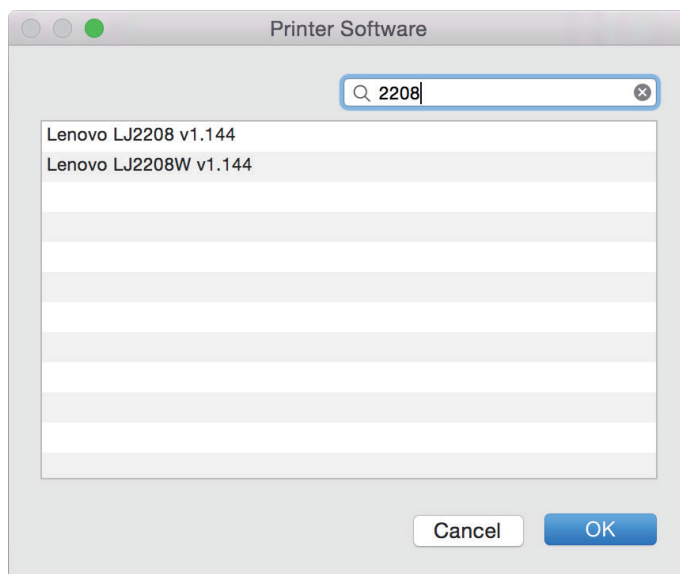
Note

- Press down the power button three times in a second when the printer is ready. The printer will print out the configuration information that includes the IP address
-

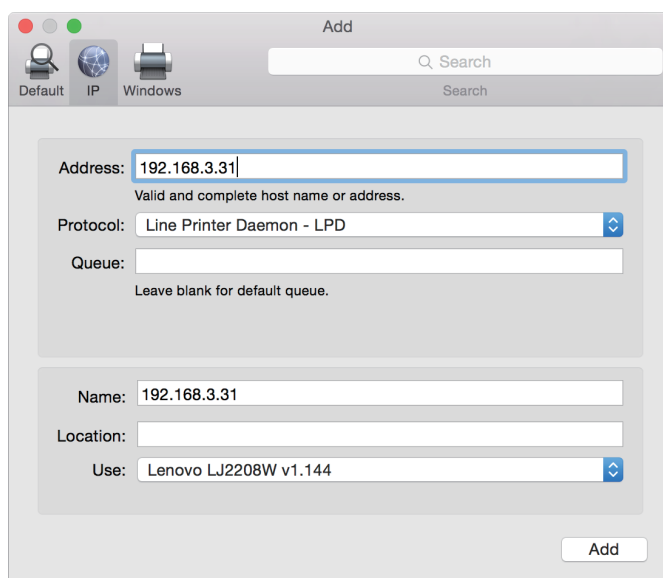
b. Choose "Select Software" in "Use".



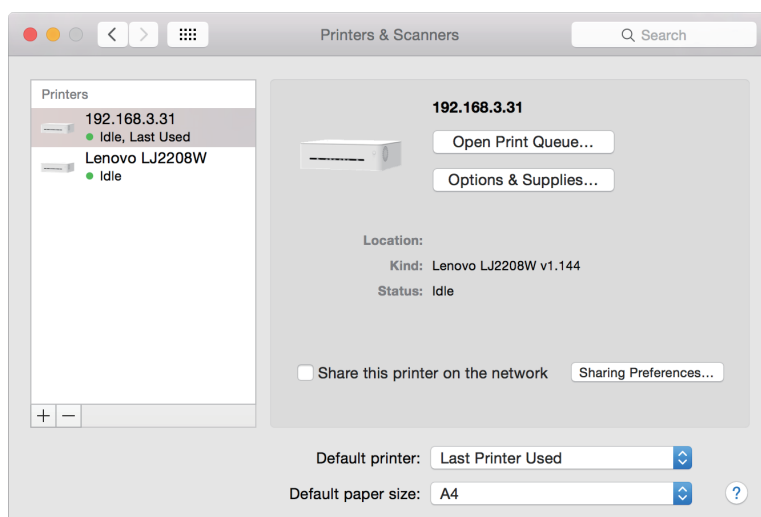
c. Browse for printer model "2208" in the pop-up "Printer Software". Select the printer to be installed from the list of installed printer drivers and click "OK".



d. Click "Add" to complete the addition of a network printer.



e. Check whether the installed printer is on the list.



6.3 Print over Wi-Fi

Verify that the network driver has been installed.

Print

To print documents from the computer using the printer drivers, do the following:

The example below illustrates printing from Adobe Reader XI on Windows 7.

The actual operation may differ depending on the software used.

Refer to the instructions from your printing software for the actual procedure.

1 Verify that your printer is Wi-Fi enabled, your PC and printer are connected in the same network.

2 Open the file you want to print.

3 Select Print in the File menu.

The print dialog box will be displayed. (The dialog box may differ between software.)

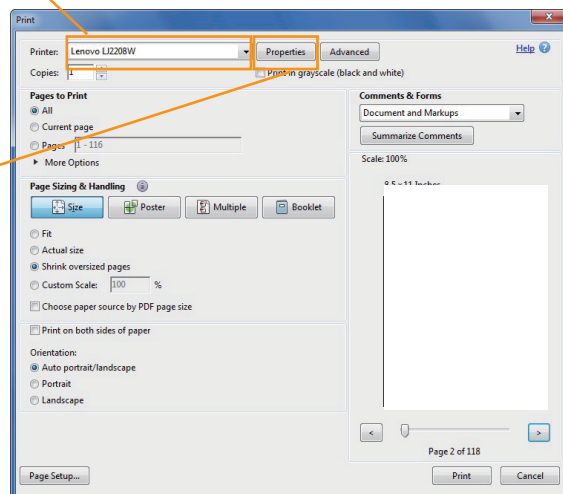
Select Basic Print Settings in the Print dialog box.

The settings include number of copies, paper size and orientation.

If no other changes are necessary, click [Print] to start printing.

Verify that your network printer has been selected.

Click [Properties]
if displayed. Click
[Settings], [Printer] or
[Options] if displayed,
then [Properties].



7

Keys and Indicators

7.1 Introduction



LED indicator has three colors.

Power key: Red

Blue


















Green

7.2 LED Indicator

LED indicator	Status
○	Off
●	On
⦿	Flashing (on for one second and off for one second)
⦿	Slow flash (on for one second and off for three seconds)
⦿	Rapid flash (on for 0.5 seconds and off for 0.5 seconds)
★	Highly rapid flash (on for 0.25 seconds and off for 0.25 seconds)

7.3 LED Indicator and Status Description

System Status	LED	Description
Power off	○	Power indicator is off
Power on	●	Power indicator is green
Warming up	✱	Power indicator flashes green
Initializing/Standby (Non Wi-Fi Models)	●	Power indicator is green
Initializing/Standby/Wi-Fi unavailable (Wi-Fi Models. Wi-Fi disconnected or unavailable)	●	Power indicator is green
Initializing/Standby/ Wi-Fi connected (Wi-Fi mode, Wi-Fi connected)	●	Power indicator is blue
Firmware Update	✱ ↔ ✱	Power indicator alternates between red and blue every 0.5 seconds
Sleep Mode	✱	Power indicator flashes green slowly
Factory Reset	● ●	Power indicator flashes rapidly for 10 seconds, followed by the orange indicator being lit steadily.
Task in Progress	✱	Power indicator flashes green
Printing	✱	Power indicator flashes green
Canceling the Task	✱ ↔ ✱	Power indicator flash red and green alternately for every 0.5 seconds.
Wi-Fi enabled	●	Power indicator is blue
Enable SoftAP	★	The blue power indicator flashes twice highly rapidly
Disable SoftAP	★	The blue power indicator flashes thrice highly rapidly

Searching for Wi-Fi or connecting to Wi-Fi		Power indicator flashes blue
Wi-Fi connected		Power indicator is blue
Cover is open		Power indicator is red
Toner cartridge is not installed		
Paper Jam		
Out of Paper		Power indicator flashes red
Machine cooling down		
Pending to print the reverse side in the manual duplex mode		
Out of Toner/Toner is Low		Power indicator flashes red slowly
Controller error	 	The red power indicator flashes once rapidly and the green indicator flashes once
Fuser Unit Error	 	The red power indicator flashes rapidly twice and the green indicator flashes once
Main Motor Fault	 	The red power indicator flashes twice rapidly and the green indicator flashes twice
HVPS Unit Fault	 	The red power indicator flashes once rapidly and the blue indicator flashes once
LVPS Fault	 	The red power indicator flashes twice rapidly and the blue indicator flashes once
Fan Fault	 	The red power indicator flashes once rapidly and the blue indicator flashes twice

7.4 LED Indicator Status and Operation Guide

Printer Status	Operation	Key Steps
Power off	Power on	Press and hold power key for 0.5 second or longer
Power off	Factory Reset	Open the cover, press and hold the power key for 10 seconds or longer. (Power indicator is orange)
Standby	Power off	Press and hold the power key for 6 seconds or longer until all the indicators are off. Then release the key to power off the printer (Power off is a mandatory operation and can be performed in any status.)
Standby	Print a Configuration Page	Press the power key three times within one second
Standby (Wi-Fi Model) and Wi-Fi is not enabled	Enable Wi-Fi	Press and hold power key for one second or longer
Standby (Wi-Fi Model) and Wi-Fi is enabled	Enable Soft AP	Press and hold power key for one second or longer
Standby (Wi-Fi Model) and Wi-Fi is enabled	Disable Soft AP	Press and hold power key for one second or longer
Task in Progress/Printing	Cancel the task	Press and hold power key for one second or longer
Sleep	Wake up	Press any button or disconnect and reconnect the USB cable
Paper Jam	Clear jam	Follow the steps of clearing jams in Chapter 9 Troubleshooting
Out of Paper	Continue printing	Load paper and click the power key once
Pending to print the reverse side in the manual duplex mode	Continue printing	Press the power key once

8

Machine Maintenance

8.1 Maintaining the Toner Cartridge

Storage

To extend the life of toner cartridges, note the following:

- ◆ Only remove the cartridge from its packaging just before its installation.
- ◆ Do not refill printer cartridges.
- ◆ The printer's warranty is voided when refilled cartridges are used.
- ◆ Store the cartridge in an environment similar to where the printer is placed. The cartridge should be stored in the shade.
- ◆ To avoid damaging the cartridge, do not expose it to the sun for more than a few minutes.

Expected Life

The life of a cartridge depends on the intensity of use. Retail cartridge can print at least 1,500 pages when used for printing documents with 5% text coverage. (But the toner cartridge supplied with the printer can print an average of 700 pages.)

- ◆ Using non-recommended paper can shorten the life of the cartridge and device parts.
- ◆ Frequency of cartridge replacement varies with the type of document printed, print media and print coverage.

Recycling the cartridge

- ◆ Separate used cartridges from household garbage and dispose them according to local laws and regulations.

For more information, contact your local waste treatment agency. Reseal the cartridge before disposal to prevent accidental toner spills.

- ◆ Place used cartridges on clean paper to prevent accidental spilling or scattering of the toner.

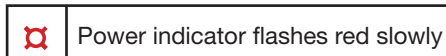
Toner Save Mode

- ◆ You can enable the Toner Save Mode in the Property Settings of the printer. The life of the cartridge can be extended by selecting this option.

The printing cost per page is reduced, but print quality is compromised.

Note

- When the toner is low, the LED indicators will light up as follows:




If the printed image turns lighter or blurred, we recommend that you use the Neo Printing software that monitors the amount of toner remaining. Considering whether to replace the toner cartridge.

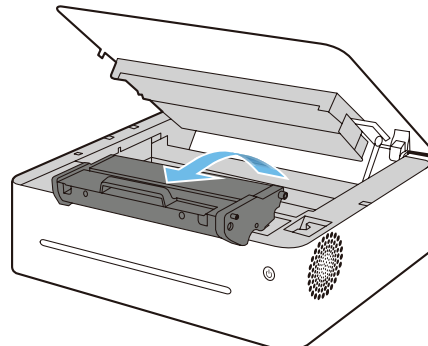
- ◆ Actual printable numbers vary depending on image volume and density, number of pages printed at a time, paper type and size, and environmental conditions such as temperature and humidity. Toner quality degrades over time.
- ◆ For good print quality, we recommend that you use genuine toner from the Lenovo.
- ◆ Lenovo (Beijing) Limited shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the Lenovo with your office products.

8.2 Replacing the Toner Cartridge

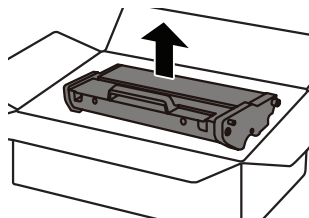
1 Open the printer cover.

2 Hold the handle of the cartridge and lift the cartridge out off the printer.

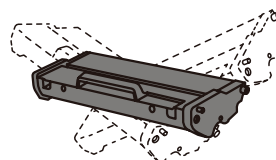
 Beware of hot surfaces.



-
- 3** Take the new toner cartridge out of box, and then take it out of the plastic bag.



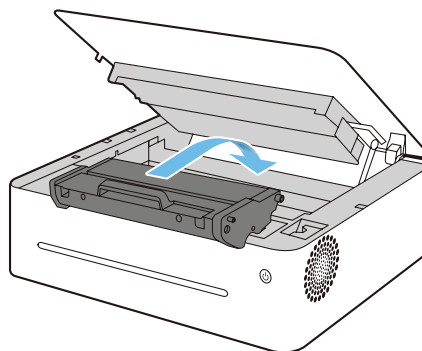
- 4** Gently shake the cartridge five to six times horizontally to distribute the toner evenly within the cartridge.



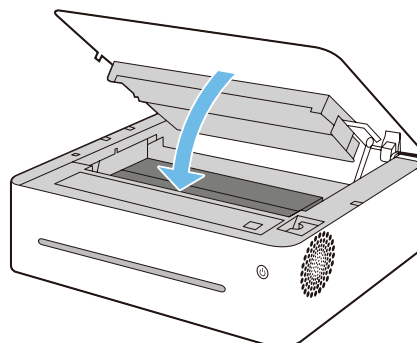
Important

- Should your clothes be stained with toner, wipe with a clean cloth and wash with cold water. Hot water will set the toner into the fabric, making the stain difficult to remove.
-

- 5** Insert the cartridge into the printer until it is locked into place.



- 6** Close the printer cover.



8.3 Cleaning the Printer

To ensure the best print quality, clean the printer as instructed below whenever the toner cartridge is replaced or when you notice a decrease in print quality.

Do's and Don'ts

Clean the machine periodically to maintain high print quality.

- ◆ Wipe the printer surface with a soft dry cloth or a soft damp cloth where necessary.

If the printer is still dirty, use a pH neutral detergent to avoid causing deformation, discoloration or damage to the printer.

Do not use volatile cleaning agents (such as gasoline, solvents or insecticidal sprays) to wipe the machine.

Wipe the printer repeatedly with a damp cloth until the stain is removed, then dry with a clean cloth.
- ◆ Do not touch the Transfer roller (under the toner cartridge) when cleaning the inside of the printer.

Greasy hands may affect the print quality.
- ◆ Use a clean dry cloth to wipe off any dirt or stain inside the machine.
- ◆ You must disconnect the plug from the wall outlet at least once a year. Clean away any dust and grime from the plug and outlet before reconnecting.
Accumulated dust and grime pose a fire hazard.
- ◆ Do not drop clips, staples or other small articles into the printer.

Cleaning the Exterior of the Printer

Clean the exterior of the printer with a clean and dry lint-free cloth.

Cleaning the Inside of the Printer

During printing, paper scraps, toner and dust particles may fall into and accumulate inside the printer. As time goes by, the debris may result in poor print quality, such as toner spots, stains and paper jams. Cleaning the inside of the printer can eliminate or reduce such issues.

- 1** Power off the printer and disconnect the power cord. Wait for the printer to cool.
- 2** Open the printer cover and remove the toner cartridge.
- 3** Wipe off the dust and toner on the cartridge and inside the printer with a dry lint-free cloth.
- 4** Re-install the cartridge and close the cover tightly.
- 5** Connect the power cord and turn on the printer.

Important

- Do not expose the cartridge to the sun for more than a few minutes to avoid damaging it. Cover it with a piece of paper where necessary. Do not touch the transfer roll inside the printer.
-

Cleaning Scanner Glass

- 1** Lift the scanner cover.
- 2** Clean the scanner glass with a soft wet cloth, and then dry with a clean cloth.

9

Troubleshooting

9.1 FAQs

This section provides troubleshooting tips for commonly encountered problems.

Problems	Possible Causes	Solutions
Machine cannot be powered on	The power cord is not correctly connected	1. Make sure that the power plug is firmly inserted into the wall outlet 2. Connect other devices to the same socket to verify that it is working
Pages are not printed	USB cable is not correctly connected	Re-connect the USB cable
Strange noises	The toner cartridge is not installed correctly	Check whether the toner cartridge is correctly installed

Note

- ◆ If the problems persist, power off the machine, disconnect the power cord and contact your sales or service representatives.
-

9.2 Paper Feed Problems

If the machine is operating but paper will not feed or paper jams occur frequently, check the condition of the machine and paper.

Problems	Solutions
Paper does not feed smoothly	<ul style="list-style-type: none">• Use only supported paper types. Refer to Chapter 3: Print Media for the supported paper types.• Load paper correctly, making sure that the paper guides are properly adjusted. Refer to Chapter 2: Setting up the Printer for Loading Paper.• If the paper is curled, straighten the paper.• Take out the paper from tray and fan it well. Then, reverse the top and bottom of the paper, and put it in the tray.
Frequent jams	<ul style="list-style-type: none">• If there are gaps between the paper and paper guides, adjust the guides to remove the gaps.• Avoid printing on both sides of the paper when printing images that contain large areas of solid color, which consume a lot of toner.• Use only supported paper types. Refer to Chapter 3: Print Media for the supported paper types.• Load paper only as high as the upper limit markings on the paper guide.
Multiple sheets of paper are fed at one time	<ul style="list-style-type: none">• Fan the stack of paper well before loading it in the tray. Make sure that the edges are even by tapping the stack on a flat surface such as a desk.• Make sure that the paper guides are in the right position.• Use only supported paper types. Refer to Chapter 3: Print Media for the supported paper types.• Load paper only as high as the upper limit markings on the paper guide.• Check that paper was not added while there was still some left in the tray. Before adding new paper, remove the remaining paper from the feed tray and add them to new stack, fan the paper again, then put it in the tray..
Paper gets wrinkles	<ul style="list-style-type: none">• Paper is damp. Use only paper that has been stored properly.• Paper is too thin. Refer to Chapter 3: Print Media for the supported paper types.• If there are gaps between the paper and the paper guide, adjust the paper guides to remove the gaps.
The printed paper is curled	<ul style="list-style-type: none">• Load the paper upside down in the feed tray.• Paper is damp. Use only paper that has been stored properly.

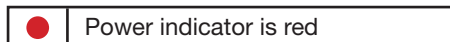
Images are printed diagonally to the pages	If there are gaps between the paper and the paper guide, adjust the paper guide to eliminate the gap.
---	--

9.3 Removing Paper Jams

Paper jams may occur during printing. When the print media is stuck, you will be notified by an error message from the Neo Printing software and by the printer LED indicators.

Reasons for Paper Jams

- ◆ The paper is not correctly loaded in the feed tray, or too much paper has been loaded.
- ◆ The cover is open during printing.
- ◆ The paper used does not comply with the required specifications.
Refer to **Chapter 3: Print Media** for the supported paper types.
- ◆ The paper is too large or too small.
Refer to **Chapter 3: Print Media** for the supported paper types.
- ◆ When paper is jammed, the LED indicator will light up as follows:



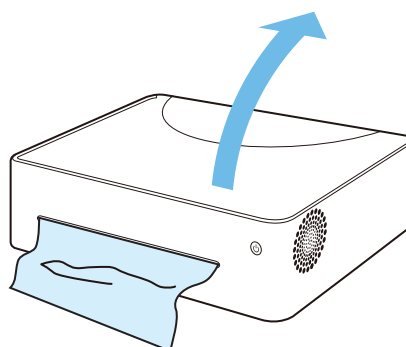
- ◆ If the area where the paper is jammed is not immediately visible, check the inside of the printer.

Paper Jams at the Paper Exit

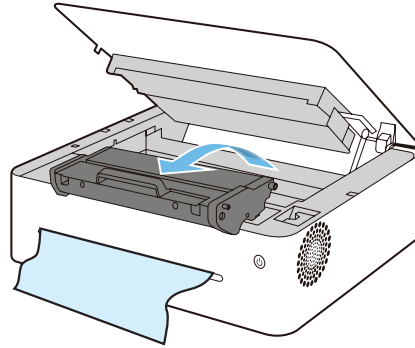
Important

- If the paper is jammed here, it can cause the toner to spill onto the paper. If your clothes are stained with the toner, wash off the stain with cold water. Hot water will set the toner into the fabric, making the stain difficult to remove.
-

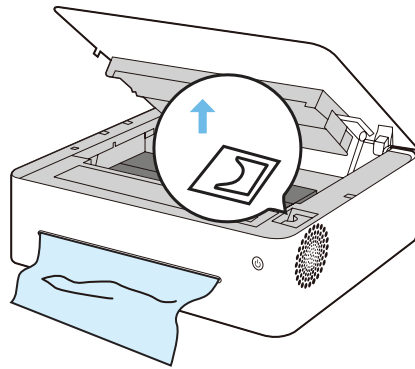
- 1 Open the printer cover.



2 Remove the toner cartridge.

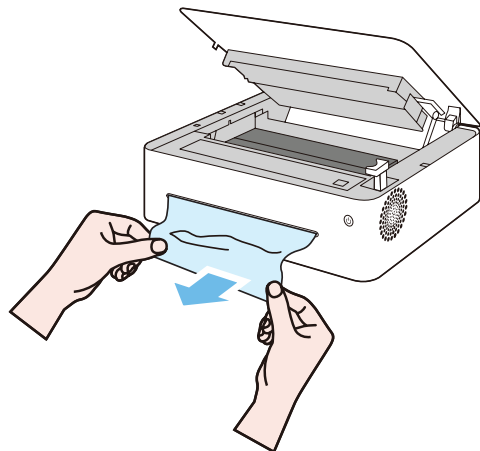


3 Pull the release lever upwards.

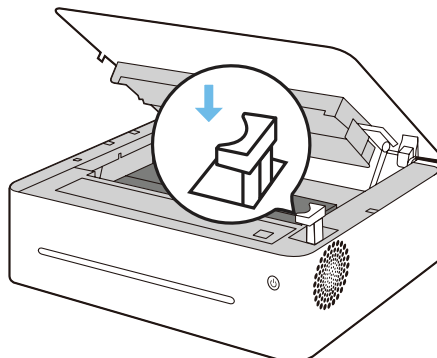


4 Pull the jammed paper carefully out of the paper exit.

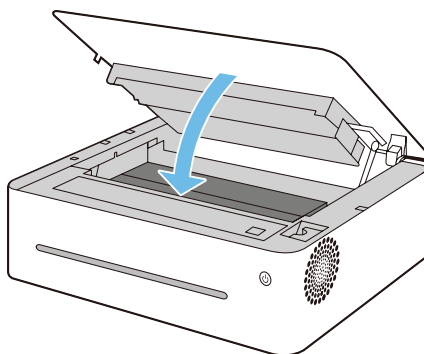
Be careful not to tear the paper.



-
- 5** Push the release lever back into position.



- 6** Close the cover to resume printing.



Paper Jams at the Feed Tray

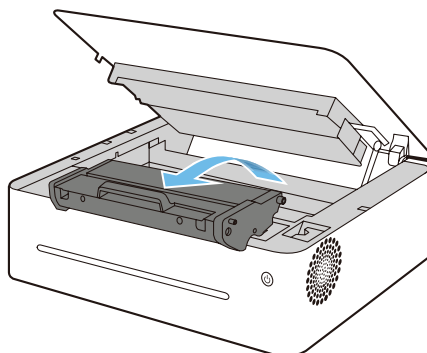
Important

- If the paper has already entered the toner cartridge section, carry out the following steps.

-
- 1** Open the printer cover, and then remove the toner cartridge.

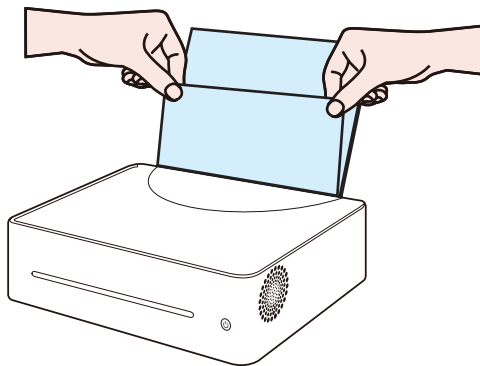
Important

- If the power indicator remains red, it indicates some paper is still stuck in the printer. Check the inside of the printer.

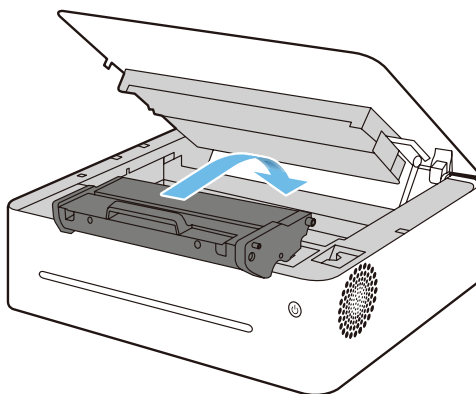


-
- 2** Pull the jammed paper carefully out of the feed tray.

Be careful not to tear the paper.



- 3** Replace the toner cartridge, and then close the cover.

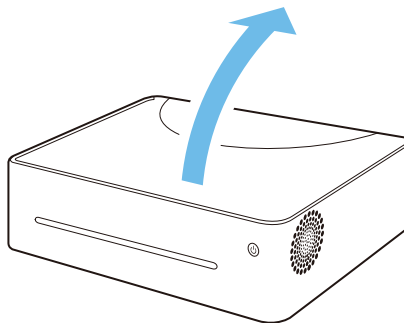


Paper Jams Inside the Printer

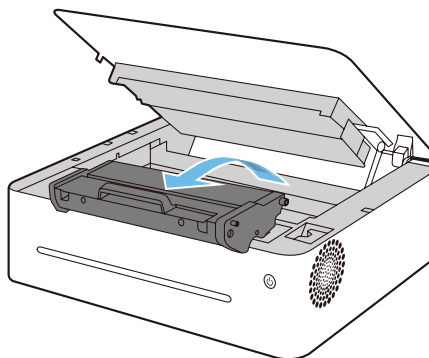
Important

- If the paper jam occurs here, it can cause the toner to spill onto the paper. If your clothes are stained with the toner, wash off the stain with cold water. Hot water will set the toner into the fabric.

-
- 1** Open the printer cover.



2 Remove the toner cartridge.

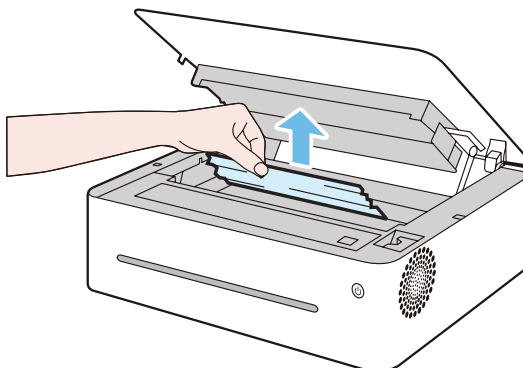


Important

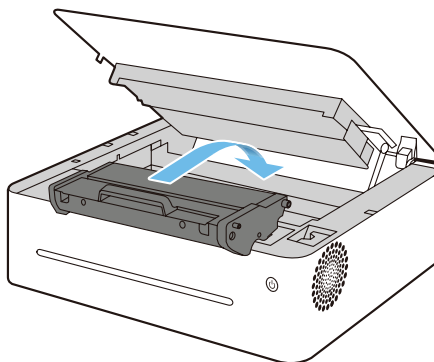
- Do not expose the cartridge to the sun for more than a few minutes to avoid damaging it. Cover the cartridge with a sheet of paper after it has been removed from the printer.
-

3 Gently pull the paper out of the printer.

Make sure no paper is left inside the printer.

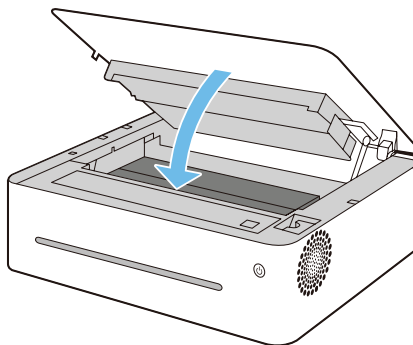


4 Reinstall the toner cartridge.



5 Close the cover tightly.

The printer will resume printing.



Important

- If the power indicator remains red, it indicates that some paper is still stuck in the printer.
 - Check the inside of the printer.
-

Tips to Avoid Paper Jams

- The occurrence of paper jams can be significantly reduced by using the recommended types of print media. In the event of paper jams, follow the instructions described in "Removing Paper Jams".
- Load paper as instructed in the section on "Loading Paper". Adjust the position of the paper guide properly.
- Do not overload the feed tray.
- Do not attempt to remove paper from the feed tray when the printer is printing.
- Bend the sheets back and forth, fan the stack and flatten the paper before loading it.
- Do not use corrugated, folded, wet or curled paper.
- Do not mix different types of paper in the same feed tray.
- Use only recommended print media. Refer to the section on Loading Paper in **Chapter 2: Setting up the Printer**.
- Store the print media in a suitable environment.

Important

- The jammed sheet of paper will likely be covered with unused toner. Be careful not to get it on your hands or clothes.
- Toner on prints made immediately after removing a paper jam may be insufficiently fused and can smudge. Make test prints until smudges no longer appear.
- Do not force a jammed paper out of the printer as it may tear. Torn pieces left inside the machine will cause further jams and possibly damage the machine.
- Paper jams may lead to missing pages. Check whether there are any missing pages in the print job and, if yes, re-print the missing pages.

9.4 Print Quality Problems

If there is a problem with the quality of printing, first check the condition of the machine.

Problems	Solutions
The machine is not properly placed.	Make sure that the machine is on a level surface. Place the machine where it will not be subject to vibration or shock.
Unsupported paper types have been used.	Make sure that the paper being used is supported by the machine. Refer to Chapter 3: Print Media for the supported paper types.
Incorrect paper type settings.	Make sure that the paper type setting of the printer driver matches the type of paper loaded. See " Supported Paper ".
Non-genuine toner cartridge has been used.	Non-genuine toner cartridge has been used. The non-genuine toner cartridge may reduce the print quality and even cause malfunctions. Use genuine toner cartridges.
Old toner cartridge has been used.	Toner cartridges should be opened before their expiration date and used within six months of being opened.
Machine needs to be cleaned	Refer to Cleaning the Printer in Chapter 10: Machine Maintenance . Clean the machine as required.

9.5 Printing Problems

Problems	Solutions
An printing error occurs	<p>If an error occurs during printing, change the computer settings and printer driver settings.</p> <ul style="list-style-type: none">• Check whether there are other running applications. Close any other applications because they may interfere with the printing. If the problem is not resolved, close unneeded processes too.• Check that the latest printer driver is being used.
There is considerable delay between the print start command and actual printing.	<ul style="list-style-type: none">• Processing time depends on data volume. High volume data, such as graphics-heavy documents, take longer to process. Wait for a while.• To speed up printing, reduce the printing resolution using the printer driver program.
The whole printout is blurred	<ul style="list-style-type: none">• Paper is damp. Use only paper that has been stored properly. Refer to Chapter 3: Print Media for the supported paper types.• If you have enabled [Toner Save Mode], printing is generally less dense.• Condensation may have collected. If rapid change in temperature or humidity occurs, use this machine only after it has been acclimatized.
<p>Cannot print properly when using a certain application, or cannot print image data properly.</p> <p>Some characters are printed faintly or not printed.</p>	<p>Change the print quality settings.</p>

Print Positions Do Not Match Display Positions

If the position of items on the printed page differs from the position displayed on the computer screen, the cause may be one of the following.

Problems	Solutions
Page layout settings are not configured properly.	Check that the page layout settings are properly configured in the application.
The paper size settings does not match with the paper loaded.	Check whether the paper size specified on the printer driver matches that of the loaded paper.

9.6 LED Indicator Status for Errors and Operation Guide

Refer to **Chapter 9: Keys and Indicators** for LED Indicator Status and Operation Guide.

10

Printer Configurations (WEB page)

Overview

You can use a network browser to obtain the following features or information from your network device:

- check the device status information, remaining ink information, version information, and printing number information;
- change and check the TCP/IP settings, Bonjour settings, wireless settings, printer hotspot settings, and administrator password settings;

You can also use the "Neo Printing" software to set the printer up for more convenient uses.

1 Use the network browser to connect to the printer

- (1) Connect the printer and terminal device to the same wireless network.
- (2) Press down the power button three times in a second and the printer will print out the configuration information.
- (3) Enter "http://device IP address/" into the network browser URL, for example, http://192.168.1.2/. If your computer is connected to the printer by wireless network, the "IP Address" in the "Network parameters" on the "System Settings" page will be the device IP address. If your computer is connected to the printer by Soft AP, the device IP address will be 92.168.186.1.
- (4) No password is needed to open the printer network basic administrative system.

2 Check the printer information

Click the "Information" tab to check the device status information, remaining ink information, version information, and printing number information.

Version Information	
Firmware Version	00.71.00
Boot Version	00.06.02
Engine Version	1.01

3 Check and change the TCP/IP settings

Click the "Settings" tab to set up the hostname, IP mode, IP address, subnet mask, and gateway in the "TCP/IP settings". Click the "Apply" button to enable the changes of the printer settings.

TCP/IP Settings				
Host Name	LenovoDF3515			
IP Address Mode	* DHCP/AutoIP ▼			
IP Address	192	168	99	205
Submask	255	255	255	0
Gateway	192	168	99	1

If you select "Automatically acquire IP address" for the IP mode, then the wireless network router will assign the IP address, subnet mask, and gateway. You cannot make changes.

If you select the manual option, then you can change the IP address, subnet mask, and gateway.

TCP/IP Settings				
Host Name	LenovoDF3515			
IP Address Mode	Manual ▼			
IP Address	192	168	1	193
Submask	255	255	255	0
Gateway	192	168	1	1

4 Check and change Bonjour(mDNS) settings

Click the "Settings" tab to set up the hostname and the printer name in the "Bonjour (mDNS) settings". Click the "Apply" button to enable the changes of the printer settings.

Bonjour (mDNS) Settings	
Host Name	LenovoDF3515
Printer Name	Lenovo M7208W (DF:35:15)

5 Check and change wireless settings

Click the "Settings" tab to set up the wireless parameters of the printer in the "Wireless settings". Click the "Apply" button to enable the changes of the printer settings.

Wireless Settings	
SSID	Lab-test
Network Type	Infrastructure
MAC Address	AC:E0:10:DF:35:15
Link Channel	13
Link Quality	Good
Encryption	* Mixed Mode PSK ▼
WEP Key 1	
Re-enter WEP Key 1	
WEP Key 2	
Re-enter WEP Key 2	
WEP Key 3	
Re-enter WEP Key 3	
WEP Key 4	
Re-enter WEP Key 4	
Transmit Key	* WEP Key 1 ▼
Password	*****
Re-enter Password	*****

6 Check and change hotspot settings.

Click the "Settings" tab to set up the hotspot parameters of the printer in the "Soft AP Settings". Click the "Apply" button to enable the changes of the printer settings.

You can turn on or turn off the printer hotspot by ticking the "Enabled" option. You can set up the SSID and connected network password of the printer hotspot.

Soft AP Settings	
Soft AP	<input checked="" type="checkbox"/> Enabled
SSID	Lenovo_DF3515
Password	96244947
IP Address	192.168.186.1

7 Check and change administrator password settings

Click the "Settings" tab to set up the administrator password in the "Administrator password settings". Click the "Apply" button to enable the changes of the printer settings.

Administrator Password Settings	
User Name	admin
Password	*****
Re-enter Password	*****

11 Appendix

11.1 Precautions about Toner

- The normal operation of the machine cannot be guaranteed if non-Lenovo toner products are used.
- Depending on printing conditions, there are cases where the printer cannot print the number of sheets indicated in the specifications.
- If the printed image suddenly turns lighter or blurred, replace the toner cartridge.

11.2 Moving and Transporting the Machine

This section provides cautions that you must follow when moving the machine for a long/short distance.

Repackage the machine with the original packing materials when you need to move the machine for a long distance.

- ◆ Be sure to disconnect all cables from the machine before transporting it.
 - ◆ The machine is a precision piece of machinery. Be sure to handle it carefully when moving it.
 - ◆ Make sure to move the machine horizontally. Take extra caution when carrying the machine up or down stairs.
 - ◆ Do not take out the toner cartridge during the moving.
 - ◆ Make sure to keep the machine upright when moving it. Move the machine carefully to prevent the toner from spilling.
- Make sure to follow the checklist below:
- The power has been turned off.
 - The power cord is unplugged from the wall outlet.
 - All other cables have been disconnected from the machine.
- ◆ Repackage the machine properly if it needs to be transported for a long distance. Take care not to tip or tilt the machine during transit.
 - ◆ When moving the machine, the toner may spill out into the machine if the machine is not kept level during transit..
 - ◆ For more information about moving the machine, contact your sales or service representatives.

Disposal

For information on correct disposal of the machine, contact your sales or service representatives.

Where to Inquire

Contact your sales or service representative for further information about the topics included in this manual or to inquire about other topics not included in this manual.

11.3 Toner Cartridge

Retail toner cartridge can print at least 1,500 pages when used for printing documents with 5% text coverage. The toner cartridge that is supplied with the printer can print an average of 700 pages.

Note

- Unless a toner cartridges is replaced before toner runs out, printing will become impossible. To facilitate cartridge replacement, we recommend you purchase and store extra toner cartridges.
 - The actual number of printable pages varies depending on the image volume and density, number of pages printed at a time, paper type and paper size used, and environmental conditions such as temperature and humidity.
 - The quality of the cartridge will decrease with time. Hence, print cartridges may need to be replaced sooner than indicated above.
 - Toner cartridges are not covered under the warranty. However, if problems arise, contact the store where they were purchased.
-

11.4 Specifications of the Machine

This section lists the specifications of the machine.

General Function Specifications

Configuration

Desktop

Maximum paper size for printing

216 mm × 356 mm (8.5 × 14 inches)

Warm-up time

Less than 25 seconds (23 °C, 50%RH)

Paper sizes

A4, B5 JIS, A5 (SEF), B6 JIS(SEF), A6 (SEF), Letter, Executive, 16 K, Custom Paper Size

Custom Paper Size supports the following range of paper sizes:

- Width: 76.2~216mm
- Length: 116~355.6mm

Paper types

Plain Paper (70-90 g/m²)

Recycled Paper (70-90 g/m²)

Thick Paper (90-105 g/m²)

Thin Paper (60-70 g/m²)

Label

Paper feed capacity

50 sheets (70 g/m², 19 lb.)

Memory

128 MB

Power requirements

220-240 V, 5 A, 50/60 Hz

Power consumption

- Maximum 900 W
- Power Saving Mode 1 1.2 W or less

Dimension (Width×Depth×Height)

350 x 265 x 103 mm

Weight (Machine and toner cartridge)

Approx. 6.5 kg (14.3 pounds) or less

Printing Function Specifications**Printing speed**

22 pages per minute (A4, SEF)

Resolution

600 × 600 dpi (Max: 1200 × 600 dpi)

First print speed

11 seconds or less (from data processing completion to output)

Interface

USB 2.0 and Wi-Fi 802.11 b/g/n (Wi-Fi model only)

Printer language

GDI

11.5 Trademark

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 - Microsoft® Windows Vista® Business
 - Microsoft® Windows Vista® Home Premium
 - Microsoft® Windows Vista® Home Basic
 - Microsoft® Windows Vista® Enterprise
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 - Microsoft® Windows® 7 Home Premium
 - Microsoft® Windows® 7 Professional
 - Microsoft® Windows® 7 Ultimate
 - Microsoft® Windows® 7 Enterprise
- Names of Windows 8 products are as follows:
 - Microsoft® Windows® 8
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- Names of Windows 8.1 products are as follows:
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-
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 - Microsoft® Windows Server® 2003 Enterprise Edition
 - Names of Windows Server 2003 R2 products are as follows:
 - Microsoft® Windows Server® 2003 R2 Standard Edition
 - Microsoft® Windows Server® 2003 R2 Enterprise Edition
 - Names of Windows Server 2008 products are as follows:
 - Microsoft® Windows Server® 2008 Foundation
 - Microsoft® Windows Server® 2008 Standard
 - Microsoft® Windows Server® 2008 Enterprise
 - Names of Windows Server 2008 R2 products are as follows:
 - Microsoft® Windows Server® 2008 R2 Foundation
 - Microsoft® Windows Server® 2008 R2 Standard
 - Microsoft® Windows Server® 2008 R2 Enterprise
 - Names of Windows Server 2012 products are as follows:
 - Microsoft® Windows Server® 2012 Foundation
 - Microsoft® Windows Server® 2012 Essentials
 - Microsoft® Windows Server® 2012 Standard
 - Names of Windows Server 2012 R2 products are as follows:
 - Microsoft® Windows Server® 2012 R2 Foundation
 - Microsoft® Windows Server® 2012 R2 Essentials
 - Microsoft® Windows Server® 2012 R2 Standard

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