

# User Guide

Pantum PT21B1C Series  
(BP4200 Series)  
Monochrome Laser Printer

**PANTUM**

## Preface

Welcome to the Pantum Series products!

We heartily appreciate your using of Pantum Series products!

To protect your vital interests, please carefully read the following statements.

For more information, please visit our official website ([www.pantum.com](http://www.pantum.com)).

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Version: V1.2

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## Safety Precautions

### Disconnect the power supply

The product should be placed close to or easily accessible to power sockets, so as to allow easy disconnection of power supply!

### Laser Safety

The laser radiation is harmful to the human body. Since laser components are completely sealed in the printer, laser radiation will not leak. To avoid laser radiation, please do not randomly disassemble the printer!

Caution – Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

The printer follows the provisions of Class 1 laser products under CFR standard.

The printer has a Class 3B laser diode, which has no laser radiation leakage among laser components.

The laser components shall comply with the requirements of: U.S. Code of Federal Regulations, 21 CFR 1040, IEC 60825-1.

The following label is attached to the laser components inside the printer:



## Safety Warning

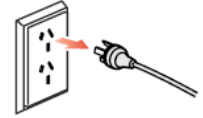
Please note the following safety warnings before using the printer:



### Warning



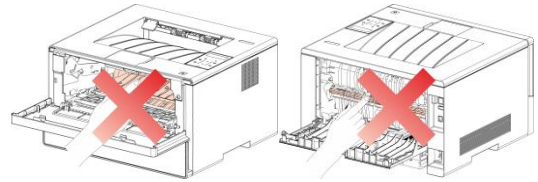
There is high-voltage electrode inside the printer.  
Before cleaning the printer, make sure the power is turned off!



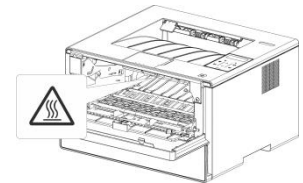
Plugging and unplugging the power cord plug with a wet hand can result in an electric shock.



The fuser unit is hot when and after printing.  
Touching the fuser unit (the shaded area as shown) may cause burns!



The fuser unit is attached with a high temperature warning label. Please do not remove or damage this label.



# Precautions

## Precautions before Using the Printer:

1. Read and understand all instructions;
2. Familiarize yourself with the basic principles associated with operating electrical appliances;
3. Comply with all warnings and instructions marked on the equipment or specified in the manual supplied with the equipment;
4. If the operating instructions conflict with the safety information, please refer back to the safety information, as you may have misunderstood the operating instructions. If you cannot resolve the conflicts, please call the Customer Service Hotline or contact a service representative for help;
5. Before cleaning the equipment, remove the power cord from the AC power supply outlet. Do not use liquid or aerosol cleaners;
6. Please make sure that the equipment is put on a stable desktop surface to avoid serious damage caused by the falling of the equipment;
7. Do not put the equipment near a radiator, an air conditioner, or a ventilation pipe;
8. Do not put any articles on the power cord. Do not put the equipment at the place where its power cord could be stepped on by people;
9. Outlets and extension cords must not be overloaded. This may reduce performance and could result in fire or electric shock;
10. Do not allow pets to chew on the AC power cord or the computer interface cable;
11. Do not allow sharp objects piercing equipment slot, so as to avoid contact with the high-voltage device, which otherwise may result in fire or electric shock. Take care not to spill liquids onto the equipment;
12. Do not disassemble the equipment so as to avoid the risk of electric shock. Necessary repairs may only be carried out by professional maintenance personnel. Opening or removing the cover could result in an electric shock or other potential hazards. Incorrect disassembly and assembly could also result in an electric shock during future use;
13. If any one of the following occurs, disconnect the equipment from the computer and pull out the power cord from the AC wall socket and contact a qualified member of the service personnel for maintenance:
  - Liquid has been spilled into the equipment.
  - The equipment has been exposed to rain or water.
  - The equipment falls, or the cover is damaged.
  - Significant changes in the equipment's performance.
14. Only adjust the control mentioned in the instructions. Incorrect adjustment of other controls may result in damage and mean that professional maintenance personnel need to spend more time fixing it;
15. Do not use the equipment in a thunderstorm so as to avoid the risk of an electric shock. If possible, pull out the AC power cord during a thunderstorm;
16. If you continuously print multiple pages, the surface of the tray will become very hot. Take care not to touch this surface, and keep children away from this surface;
17. The signal wire of the device connected with the printer can not be connected to the outdoors;
18. Please ensure timely ventilation in case of a prolonged use or printing huge amounts of documents in a poorly ventilated room;

19. In standby status, the product will automatically enter into the power saving (sleep) mode if it does not receive any job order for a while (such as 1 minute); and it can realize zero power consumption only if it has not been connected with any external input power supply;
20. As the Class I equipment, the product must be connected to the power supply outlet with protective grounding line when using;
21. This product should be placed according to the shipping marks on the product package box during delivery;
22. This product is a kind of low-voltage equipment. When using this product below the specified voltage range, please refer to the product precautions or call Pantum Aftersales Service Centre, if the toner comes off the printed contents, or the equipment starts slowly;
23. This product is sold as a complete machine. The consumers can go to Pantum Aftersales Service Centre to purchase parts they need. If the product sold is inconsistent with the package list, please go to the specified Aftersales Service Centre to solve the problem;
24. Install this product in a place with the temperature between 10°C and 32°C and the relative humidity between 20% and 80%;
25. The power consumption of the product with wireless function is 3.00W / without wireless function is 2.00W in networked standby if all wired network ports are connected and all wireless network ports are activated.
26. To avoid the danger of fire or electric shock, please only use the power cord provided with this product or authorized replacements approved by the manufacturer.
27. The power cord provided with this product is intended for this product only. Do not use it with other devices as it may cause fire, electric shock, or other injuries.
28. Do not use flammable sprays or combustible solvents near or inside the machine. Additionally, do not place them near or inside the machine as it may cause fire or electric shock.
29. This device is restricted to indoor use when operating in the 5150-5350MHz frequency range to reduce the potential for harmful interference to co-channel mobile satellite systems in all EU/EFTA member states, Turkey and the UK.
30. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
31. Please keep this User Guide properly.

## Identification Description

The following icons may appear on PANTUM products, please refer to the actual labeling placed on the product.

Where applicable, please take appropriate measures to use the product according to the labeling instructions.



This symbol indicates that, at the end of your product's life, it must not be discarded as domestic waste. Instead, you should dispose of your used equipment at a designated collection point for the recycling of waste electrical and electronic equipment. Ref: EU Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). Please contact your distributor / supplier for further information.



This product is suitable for indoor use only.

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# Normative Information And Statements

This section introduces the regulatory information and statements applicable to users in adpciflc regions.

**Applicable to users in the Chinese region.**

有害物质/元素及其含量表

产品中有害物质或元素的名称及含量

根据中国《电器电子产品有害物质限制使用管理办法》



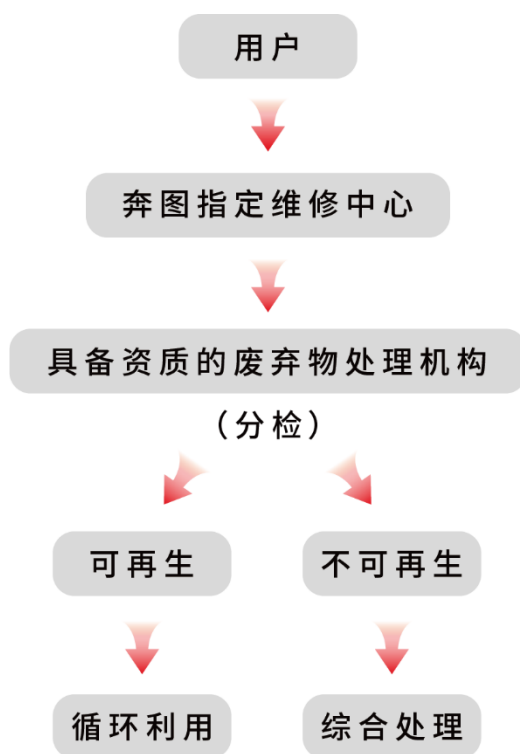
| 部件名称  | 有害物质   |        |        |                         |            |              |
|-------|--------|--------|--------|-------------------------|------------|--------------|
|       | 铅 (Pb) | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr <sup>6+</sup> ) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| 塑胶部件  | ○      | ○      | ○      | ○                       | ○          | ○            |
| 金属部件  | ×      | ○      | ○      | ○                       | ○          | ○            |
| 电线电缆  | ×      | ○      | ○      | ○                       | ○          | ○            |
| 电路板组件 | ×      | ○      | ○      | ○                       | ○          | ○            |
| 玻璃部件  | ○      | ○      | ○      | ○                       | ○          | ○            |
| 碳粉    | ○      | ○      | ○      | ○                       | ○          | ○            |
| 包装材料  | ○      | ○      | ○      | ○                       | ○          | ○            |

本表格依据 SJ/T11364 的规定编制：

1. ○：表示该有毒有害物质在该部件所有均质材料中含量均在 GB/T26572 规定的限量要求以下。
2. ×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T26572 规定的限量要求。
3. 本产品的部分部件含有有害物质，这些部件是在现有科学技术水平下暂时无可替代物质。
4. 环保使用期限取决于产品正常工作的温度和湿度等条件。

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1. 用户负担费用：用户—维修中心。
2. 珠海奔图电子有限公司负担费用：奔图维修中心—具备资质的废弃物处理机构。

## 中国环境标识认证产品用户说明

噪声大于 63.0 dB(A)的办公设备不宜放置于办公室内，请在独立的隔离区域使用。

如需长时间使用本产品或打印大量文件，请确保在通风良好的房间内使用。

如您需要确认本产品处于零能耗状态，请按下电源关闭按钮，并将插头从电源插座断开。

在产品停产后，保证至少 5 年内可提供产品在正常使用范围内可能损坏的备件和产品的消耗材料。



**Applicable to users in the European region**



At the end of your product's life, it must not be discarded as domestic waste. Instead, you should dispose of your used equipment at a designated collection point for the recycling of waste electrical and electronic equipment. Ref: EU Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). Please contact your distributor / supplier for further information.



European Community (EC) directives conformity

The product complies with the requirements of the Low Voltage Directive 2014/35/EU, the EMC Directive 2014/30/EU, the Ecodesign Directive 2009/125/EC, the RoHS Directive 2011/65/EU.

Radio Equipment directive 2014/53/EU only for product with wireless feature.

The manufacturer of this product is: Zhuhai Pantum Electronics Co., Ltd., Building 02,06 and 08, No.888 Shengping Avenue, Pingsha Town, Zhuhai City, Guangdong Province, 519000 PR China.

A declaration of conformity to the requirements of the Directives is available upon request from the Authorized Representative.

The product satisfies the Class B limits of EN 55032 / EN 55035.

**RF exposure statements (only for product with wireless feature)**

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

**For customers in EU/ EFTA/ UK and Turkey(only for product with wireless feature)**

This device is restricted to indoor use when operating in the 5150-5350MHz frequency range to reduce the potential for harmful interference to co-channel mobile satellite systems in all EU/EFTA member states, Turkey and the UK.

|  |    |    |    |    |    |    |    |    |        |    |    |    |
|--|----|----|----|----|----|----|----|----|--------|----|----|----|
|  | AT | BE | BG | CH | CY | CZ | DK | DE | EE     | EL | ES | FI |
|  | FR | HR | HU | IE | IS | IT | LI | LT | LU     | LV | MT | NL |
|  | NO | PL | PT | RO | SE | SI | SK | TR | UK(NI) |    |    |    |
|  |    |    |    |    |    |    |    |    |        |    |    |    |
|  | UK |    |    |    |    |    |    |    |        |    |    |    |
|  |    |    |    |    |    |    |    |    |        |    |    |    |

**Laser notice**

The printer is a class 1 consumer laser product that is compliant with EN 50689:2021.

欧亚经济联盟区域用户适用



Сертифицирован Таможенным Союзом России, Белоруссии и Казахстана.  
Унифицированный символ: EAC.

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巴西区域用户适用

Incorpora produto homologado pela Anatel sob número 24205-23-08708

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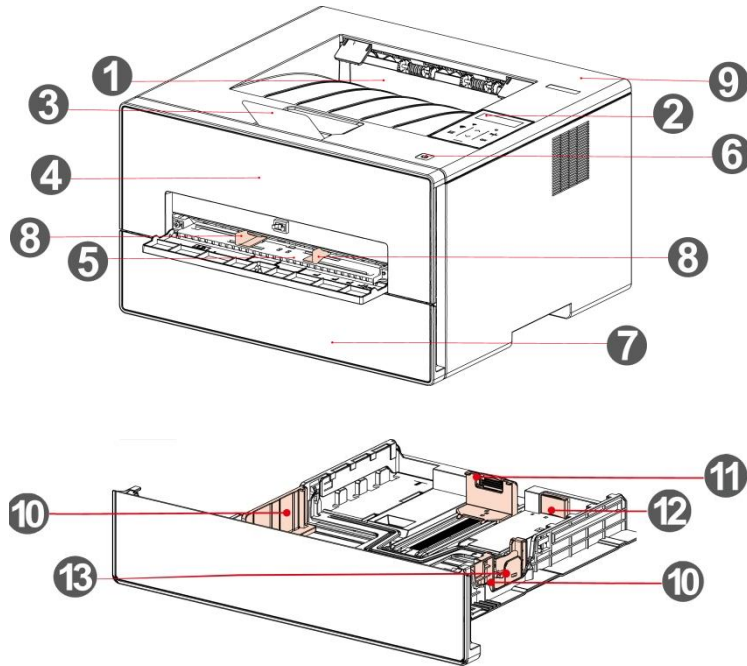
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# 01 Before Using the Printer

## Product View

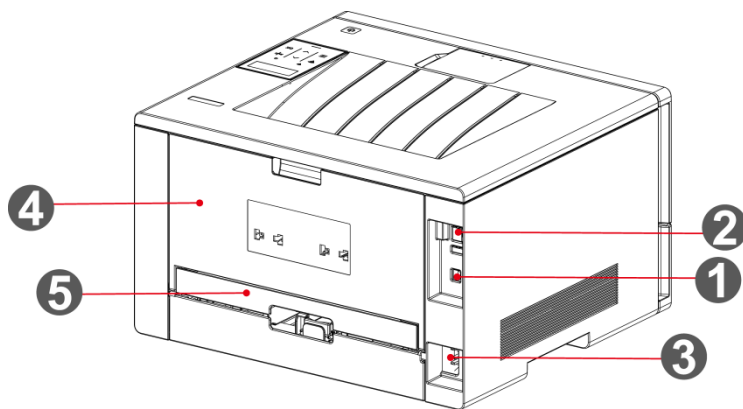
### Side view



|   |                                      |   |
|---|--------------------------------------|---|
| 1 | Output Bin                           | For storing the printed paper.  |
| 2 | Control Panel                        | Indicate printer status to conduct set operation.   |
| 3 | Output Tray                          | To prevent the printed paper from falling.  |
| 4 | Front Cover                          | To open the front cover to take out the laser toner cartridge.  |
| 5 | Manual feed tray                     | For placing mediums that are printed in manual feed tray.   |
| 6 | Power switch                         | Turn the power on or off and press this button under Ready state to enter energy-saving mode.<br>Press and hold this button for more than 2s to turn the printer power off. |
| 7 | Automatic Feeder Tray                | For placing mediums that are printed in auto feed tray.   |
| 8 | Paper deflector of manual feed tray  | Slide paper deflector to adapt to paper width.  |
| 9 | NFC (Near Field Communication) label | Touch this label on mobile device to download or start Pantum printer App and connect Wi-Fi Directly.   |

|    |  |  |
|----|--|--|
| 10 | Paper width deflector of auto feed tray  | Slide paper width deflector to adapt to paper width.   |
| 11 | Paper length deflector of auto feed tray | Slide paper length deflector to adapt to paper length. |
| 12 | Clip of extended tray of auto feed tray  | For adjustment of length extension of the tray .       |
| 13 | A4 limit stop                            | Remove this limit stop before placing Letter paper.    |

### Rear View

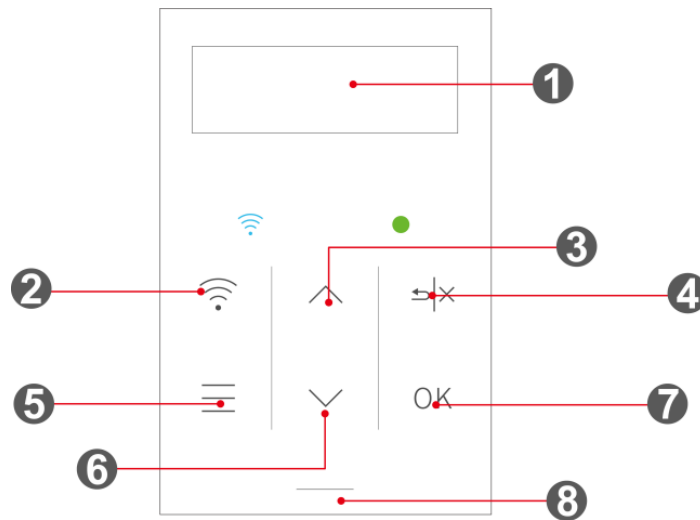


|   |                      |  |
|---|----------------------|--|
| 1 | USB Interface        | For connecting product to computer with USB cable.   |
| 2 | Network Interface    | For connecting product to network with network cable.  |
| 3 | Power Interface      | For connecting product to power with power cord.   |
| 4 | Rear Cover           | For paper release when it gets jammed.   |
| 5 | Duplex Printing Unit | For paper feed at duplex printing and paper release when paper gets jammed at duplex printing. |

**Note:** • Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.

# Control Panel

The layout of the printer control panel is shown below:



| No. | Name                     | Functions  |
|-----|--------------------------|--|
| 1   | LCD Display              | Display operation interface and product information.   |
| 2   | Wi-Fi key/save toner key | Press Wi-Fi key to connect/disconnect Wi-Fi(for models with Wi-Fi function only)<br>Long press Wi-Fi key for more than 2 seconds: start WPS when Wi-Fi is not connected; disconnect when Wi-Fi is being connected/connected(for models with Wi-Fi function only);<br>Open save toner function(applicable to non-Wi-Fi model only). |
| 3   | UP                       | Scroll through the menus and options .<br>For menu items need to input, change the numeric value by cycle accumulating.  |
| 4   | Back / Cancel            | Return to the previous menu.<br>Execute cancel operation.  |
| 5   | Menu                     | Open the main menu of control panel.   |
| 6   | Down                     | Scroll through the menus and options .<br>For menu item needs to be input, shift the entry positions from left to right, for example, IP address entry.  |
| 7   | OK                       | Confirm the selection on screen.   |
| 8   | Panel Lift Indicator     | Press firmly on this indicator to raise the panel to a 45-degree angle for easier printing operation.  |

# 02 Paper and Print Media

## Paper Specification

|                       |                              |  |
|-----------------------|------------------------------|--|
| Automatic Feeder Tray | Media Type                   | Plain paper(70~105g/m <sup>2</sup> ),thin paper(60~70g/m <sup>2</sup> )  |
|                       | Media size                   | A4, Letter, Legal, A5, A6, DL Env, NO.10 Env, C6 Env, Jap Postcard, Nagagata3  |
|                       | Media weight                 | 60~105 g/m <sup>2</sup>  |
|                       | Maximum capacity of the tray | 250 pages (80 g/m <sup>2</sup> )   |
| Manual feed tray      | Media Type                   | Plain paper(70~105g/m <sup>2</sup> ), thin paper(60~70g/m <sup>2</sup> ), thick paper(105~200g/m <sup>2</sup> ), transparent film, carton paper, label paper, envelope |
|                       | Media size                   | A4, Letter, Legal, A5, A6, DL Env, NO.10 Env, C6 Env, Jap Postcard, Nagagata3  |
|                       | Media weight                 | 60~200 g/m <sup>2</sup>  |
|                       | Maximum capacity of the tray | 1 pages  |

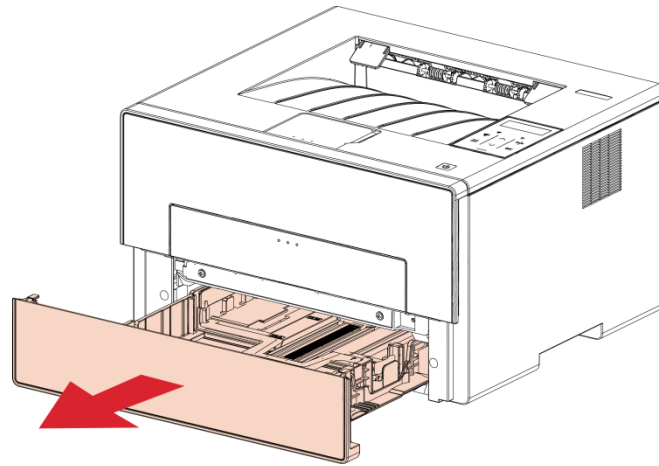
**Note:** • 80 g/m<sup>2</sup> standard paper is recommended for this printer.

- It is not recommended to use special paper extensively, which may affect the service life of the printer.
- The print media that does not meet the guidelines listed in this User Guide may result in poor print quality, increased paper jam and excessive wear of the printer.
- Properties such as weight, composition, texture and humidity are important factors affecting the printer performance and output quality.

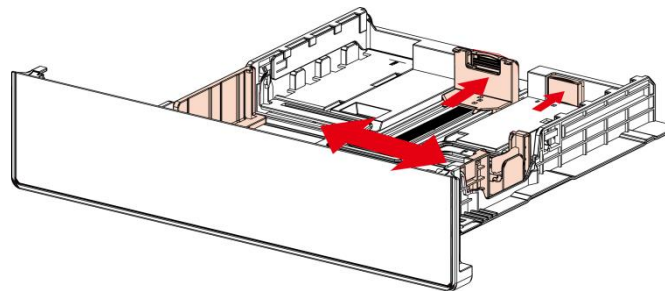
## Loading Paper

### Loading into the Automatic Feeder Tray

1. Slide out the automatic feeder tray from the printer.

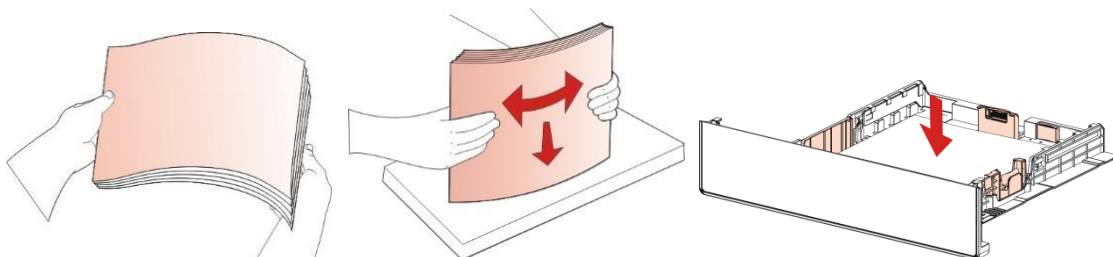


2. Slide the clip of extended tray of auto feed tray, paper length deflector and paper width deflector to the slot suitable for paper size, in order to match paper length and width.

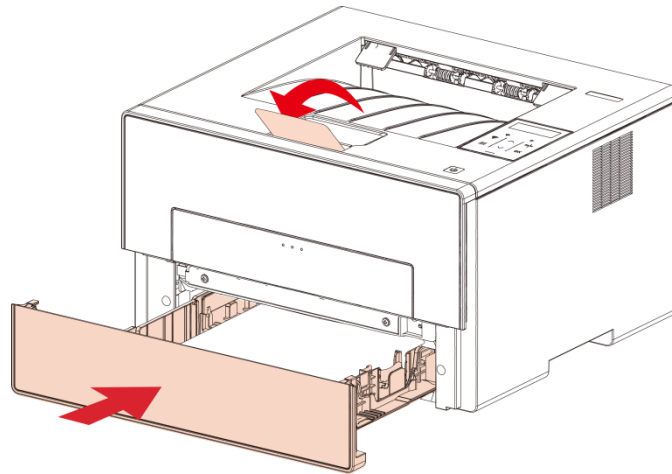


**Note:** • Do not overly squeeze the "paper length guide" and "paper width guide", otherwise it could easily lead to deformation of paper.

3. Before loading paper, please unfold the stacked paper to avoid a paper jam or feed error, and then load the paper into the tray print-side down. The automatic feeder tray can be loaded up to 250 pages, 80g/m<sup>2</sup> paper.



4. Raise the output tray to avoid the printed paper from slipping and falling, or immediately remove the printed document after the printing is complete.



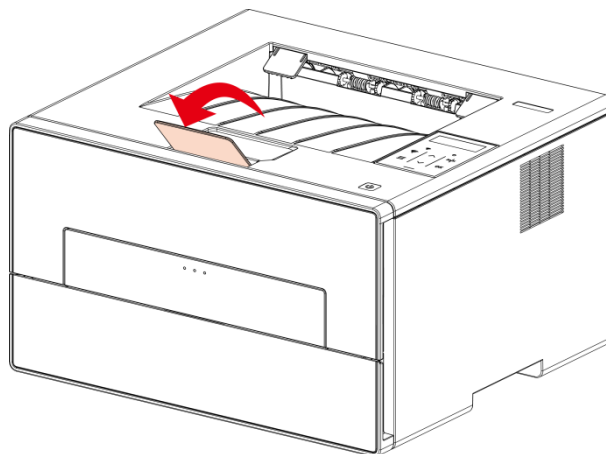
**Note:** • It is recommended that you raise the output tray to prevent the paper from slipping and falling after printing. If you choose not to raise the output tray, we recommend that you immediately remove the printed paper from the printer.

• If more than 250 pages (80 g/m<sup>2</sup>) are put inside the auto feed tray at one time, paper jam or paper feed failure will be led to.

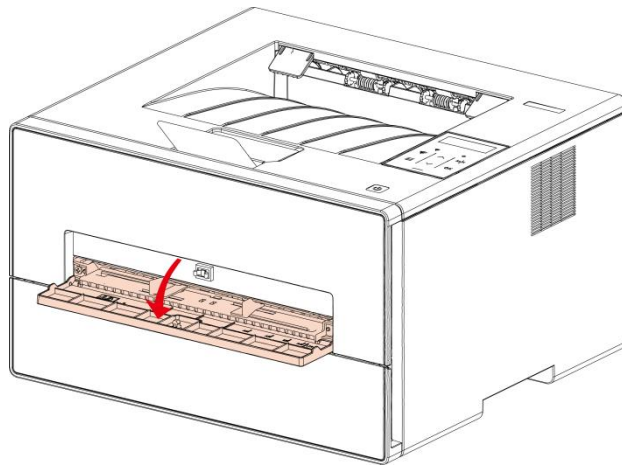
• If carrying out single-sided printing, please make sure that the side to be printed (the blank side) is face down.

## Install manual feed tray

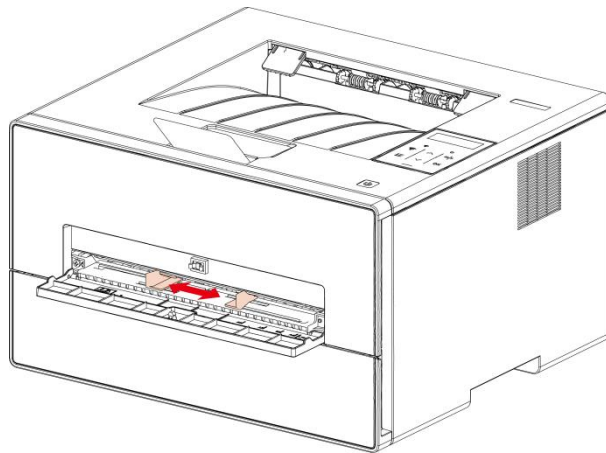
1. Raise the output tray to avoid the printed paper from slipping and falling, or immediately remove the printed document after the printing is complete.



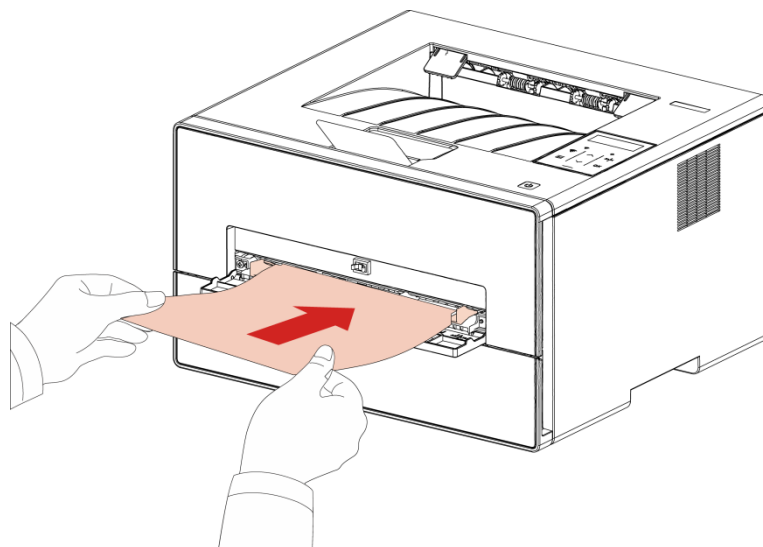
2. Open manual feed tray.



3. Slide the paper deflector of manual feed tray to match the two sides of paper. Do not use excessive force; otherwise, paper will be made jammed or skewed.



4. Put a flat printing medium into the manual feed tray with both hands.



**Note:** • The printer will enter manual feed mode automatically when you put papers inside the manual feed tray.

• Please put one printing medium inside the manual feed tray each time and put in another piece after finishing printing.

• Put the printing medium inside the manual feed tray with the printing side up; the top of paper should be put inside first.

5. When the printed page is output from the printer, put the second piece inside according to the above steps to continue printing. Slow action will lead to the prompt of paper out or paper failure of manual feed tray. After paper is put inside, printing will be resumed automatically; too quick action may make paper caught up in the printer, which will easily result in paper jam.

**Note:** • After printing, please take out printed papers output from printer immediately. Stacked papers or envelopes will lead to paper jam or wrapped paper.

# 03 Driver installation and uninstallation

---

## Driver Setup

This device supplies driver setup applications for Windows and macOS. We recommend One-click installation, which helps you install the driver automatically in a faster and easier way. Should you encounter trouble when using the One-click installation, you may try more setup methods.

**Note:** • Driver installation interface may differ because of different models and functions, so the schematic diagram is only for your reference.

### One-click Installation (For Windows and macOS)

One-click installation provides three ways of installation with connection by: "Wi-Fi", "USB" and "wired network". This manual focuses on the "installation with connection of printer by USB".

Connect printer via USB cable

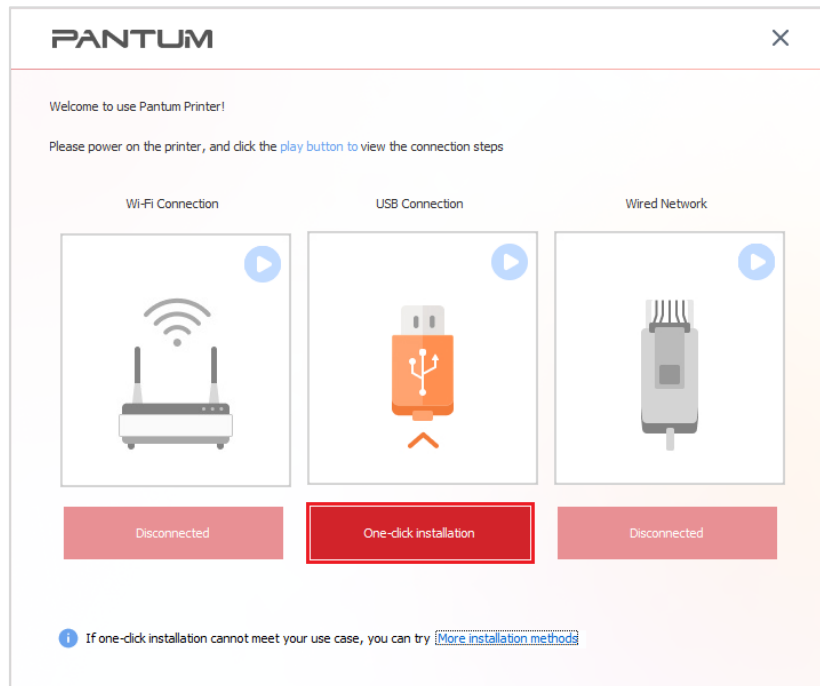
1. Connect the printer to computer via USB cable, power the printer and computer on.
2. Insert the accompanying installation disk into the computer CD drive, or log in to Pantum official website ([www.pantum.com](http://www.pantum.com)) to download the drive.

**Note:** • Some computers may be unable to auto play the CD because of system configuration. Please double click "Computer" icon, find "DVD RW driver", then double click "DVD RW driver" to run the installation procedure.

3. Read and agree to the terms contained in the End User License Agreement and the Privacy Policy, click the "Next" button in the lower right corner of the interface to enter the driver installation interface.

4. The setup will start when you click on "One-click installation" under USB. The setup may take a while, depending on your PC configuration. Please wait.

5. For Windows system, please execute Step 4. For macOS system, after step 4 is executed, you have to enter your computer password to for installation..



6. After the installation, click "Print &Test Page" button. If your printer prints the test page successfully, it means that you have installed the driver correctly.

## Uninstall Driver

### Method to uninstall driver under Windows

Windows 7 is taken as the example in the following operation. The information on your computer screen may differ because of multiple operating systems.

1. Click the Start menu of computer and then click All programs.
2. Click Pantum, and then Click Pantum XXX Series.  
Pantum XXX Series where XXX represents product model.
3. Click uninstall to delete the driver according to instructions on uninstall window.
4. Restart computer after finishing unloading.

### Method to uninstall driver under macOS

macOS10.14 is taken as the example in the following operation. The information on your computer screen may differ because of multiple operating systems.

1. Click "Go" - "Applications" - "Pantum" - "Utilities" - "LP2133SFP" - "Pantum Un-install Tool".
2. Delete the driver as instructed in the pop-up Uninstall window.
3. Uninstall complete.

# 04 Wired network setup (applicable to wired network models)

---

In case printers support wired network printing, they can be connected to network to control printer to print in wired network mode.

## Set IP Address

The IP address of the printer may be automatically obtained through DHCP function or set manually.

### Automatic Setting

DHCP automatic setting function is enabled by default on the printer.

1. Connect the printer to the network through a network cable and complete the startup preparation work.

2. The printer will receive the IP address assigned by server automatically. It may take server minutes to receive IP address under the influence of network environment.

You can check the IP address of printer by printing "Network setup page" out or check network information by viewing the control panel of printer. If the IP address is not listed, please check network environment and then try again after waiting for several minutes.

**Note:** • If DHCP server fails to assign IP address automatically, the printer will get the link-local address assigned by printer automatically: 169.254.xxx.xxx.

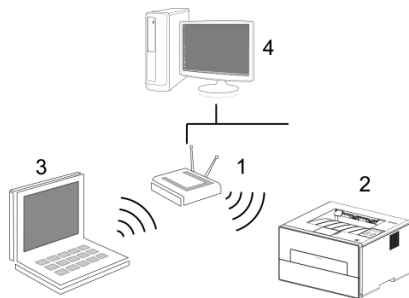
### Manual Setting

To set up IP address for printer through the control panel of printer manually.

To set up IP address for printer through the embedded Web server manually.

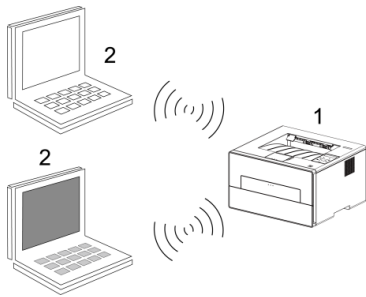
# 05 Wireless network setup (applicable to Wi-Fi models)

Based on the model, the printer model with Wi-Fi print function supports two types of wireless network connection: Wi-Fi Station and Wi-Fi Direct. Usually, only one connection is enabled between the computer and the printer at a time.



Basic structure mode: connecting to a wireless device via router

1. Access point (wireless router)
2. Wireless network printer
3. Computer connecting to access point via wireless network
4. Computer connecting to access point via network cable



Wi-Fi Direct mode: wireless client is connecting to a printer with Wi-Fi function

1. Wireless network printer
2. Wireless client is directly connecting to a wireless network printer

## Basic structure mode

You can connect a computer to your printer via access point (wireless router) as the medium. Access point (wireless router) connection is divided into wireless network setup and Wi-Fi Protected Setup (WPS).

**Important:** Before wireless network installation, you must learn about the service set identifier (SSID) and password of your access point in order to use them during wireless network setup. If they cannot be determined, please consult your network administrator or access point (wireless router) manufacturer.

## **Wireless network setup tools**

If your computer has been installed with a driver and had been connected to wireless network, but the wireless network was changed, you can set it again with wireless network setup tools.

### **Preliminary preparations**

1. Access point (wireless router).
2. A computer that has been connected to network.
3. A printer that has wireless network function.

### **Setup methods of wireless network setup tools**

Take the wireless network setup tool in computer.

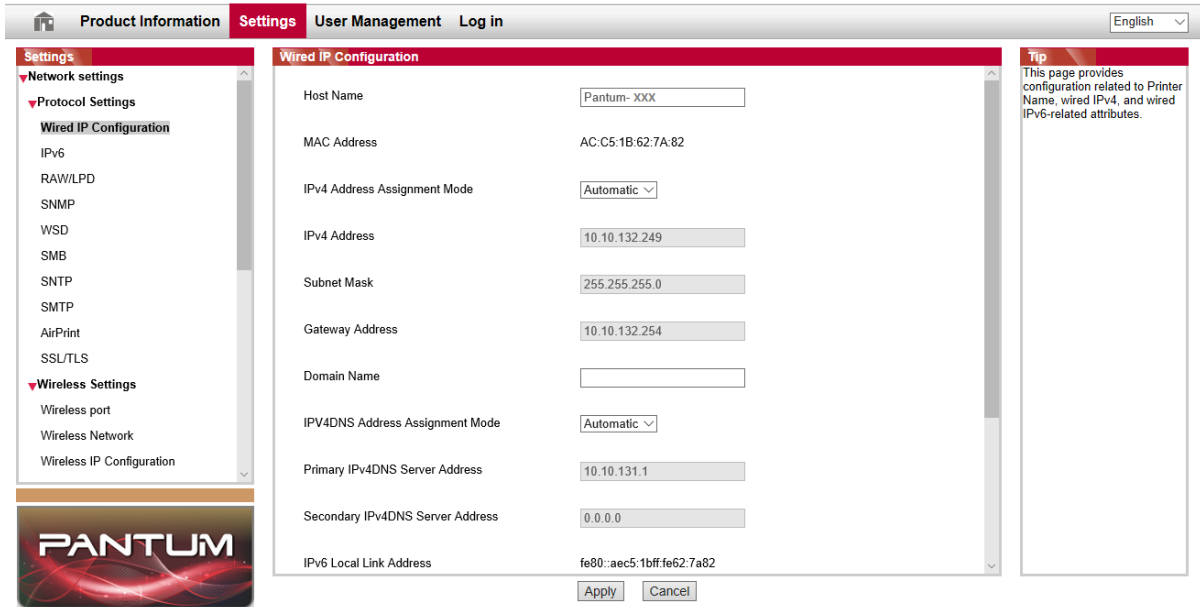
- 1) Windows system: Click the "Start menu" – "All programs" - "Pantum"— Product name – "Wireless network setup tool".
- 2) macOS system: click "Go" - "Applications" - "Pantum" - "Utilities" - "LP2133SFP" - "Wireless Network Configuration Tool" on the computer Finder menu bar.

### **How to disable the Wi-Fi network connected**

Connect the wireless network in infrastructure mode by the steps above. If connected, the Wi-Fi light on the control panel is normally on. Press and hold this button for more than 2s to disconnect from Wi-Fi network (Wi-Fi light will be off).

# 06 Web server

You can manage printer setup via the embedded Web server.



## Visit the embedded Web server


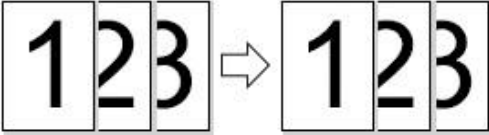
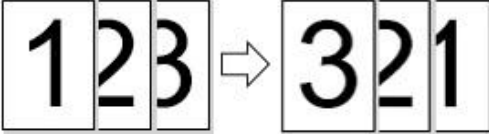



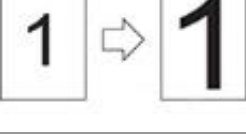

1. Turn on the power of printer and computer.
2. Connect the printer to network to ensure that the printer is connected to the network where the computer is connected to.
3. Input the IP address of printer in the address bar of Web browser to visit the Web server imbedded in printer.
4. Click "Log in" option, input user name and password (the default user name is admin and the initial password is 000000) and click "Log in".

**Note:** • For safety reasons, you are suggested to change the default password, which can be finished in the "User Management" interface.

# 07 Print

## Print Function

You can set the print function through "Start"->"Devices and Printers"- select corresponding printer- right click – set print function in "Printing preferences". Some functions are as follows:

| Functions                                       | Diagram  |
|---|--|
| Automatic Two-Sided Printing                    |     |
| Collate Print                                   |    |
| Reverse Print                                   |   |
| N-in-1  |   |
| Poster Print(for Windows Operation System only) |  |
| Booklet printing                                |  |
| Zoom Print                                      |   |
| Custom Size                                     |   |

**Note:** • Windows 7 is taken as example in the above description.

- You can realize poster printing feature by selecting 2x2 poster printing in multipage.
- You can enable printing preference and click the help button to view detailed function description.

## Print Settings

### Setting the printing parameters

Before sending a print job, you can set the printing parameters in the following two ways.

| Operating system | Temporary printing setup change   | Permanent default setup change  |
|------------------|---|---|
| Windows 7        | 1. Click "File" menu – "Print" – "Select printer" - "Printer properties" (the detailed steps may differ because of multiple operating systems). | 1. Click "Start" menu- "Control Panel" – "Devices and Printers".<br>2. Right click on the printer icon, select "Printing preference" and then change setup and save it.                     |
| macOS            | 1. Click "File" menu – "Print".<br>2. Change setup in the window popping out.   | 1. Click "File" menu – "Print".<br>2. Change setup in the window popping out and click to save the preset. (Select preset every time before printing, or print according to default setup.) |

**Note:** • Priority of App setup is senior to printer setup.

### Automatic Two-Sided Printing

The printer supports automatic two-sided printing of plain paper. Paper size supported by the automatic two-sided printing: A4, Letter, Legal, Oficio, Folio,16K.

**Note:** • Trying the automatic two-sided printing may damage the printer if some paper media are not suitable for automatic two-sided printing.

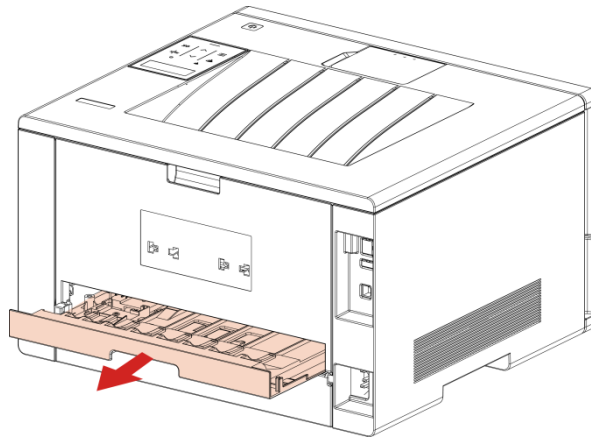
- Auto duplex printing does not support poster printing.
- Please refer to [Chapter 2](#) for paper loading and type of mediums that can be printed via auto feed tray.

## Duplex printing unit setup

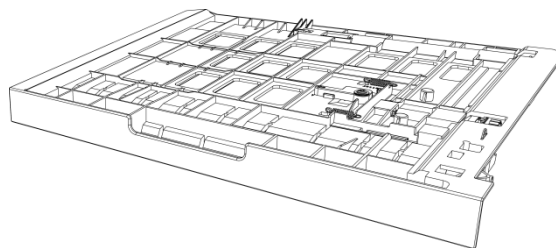
For the purpose of achieving the best printing result, you can set up the paper size of duplex printing unit. As for duplex printing of A4 and 16K papers, the slide should be adjusted to the A4 position; as for Letter, Legal, Folio and Oficio duplex printing, the slide should be adjusted to the Letter position.

Setup steps of duplex unit are:

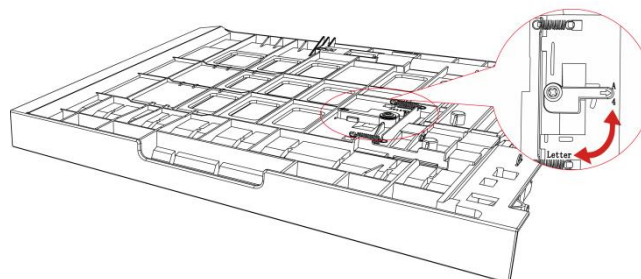
1. Draw out duplex unit.



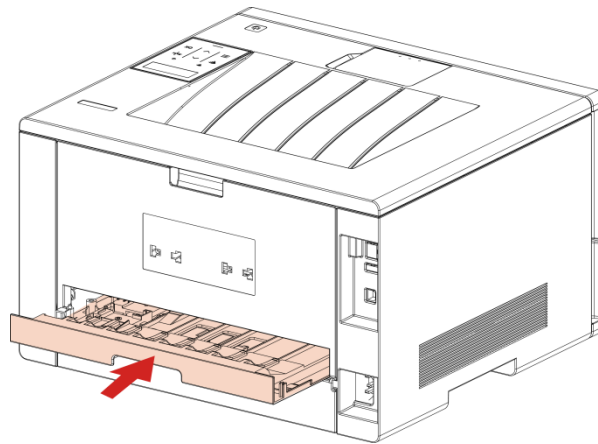
2. Make the backside of duplex unit up.



3. Adjust paper size slide to A4 or Letter position to finish setting up.



4. Install the duplex unit in the printer.



### **How to carry out auto duplex printing**

1. Open the print job to be printed from the application (such as a Notepad).
2. Select Print from the File menu.
3. Select printer of the corresponding model.
4. Single click "Preferences" for printing setup.
5. Select the "Duplex" in "Basic" tab and then select "Long Edge" or "Short Edge".
6. Single click "OK" to finish printing setup. Click "Print" to realize auto duplex printing.

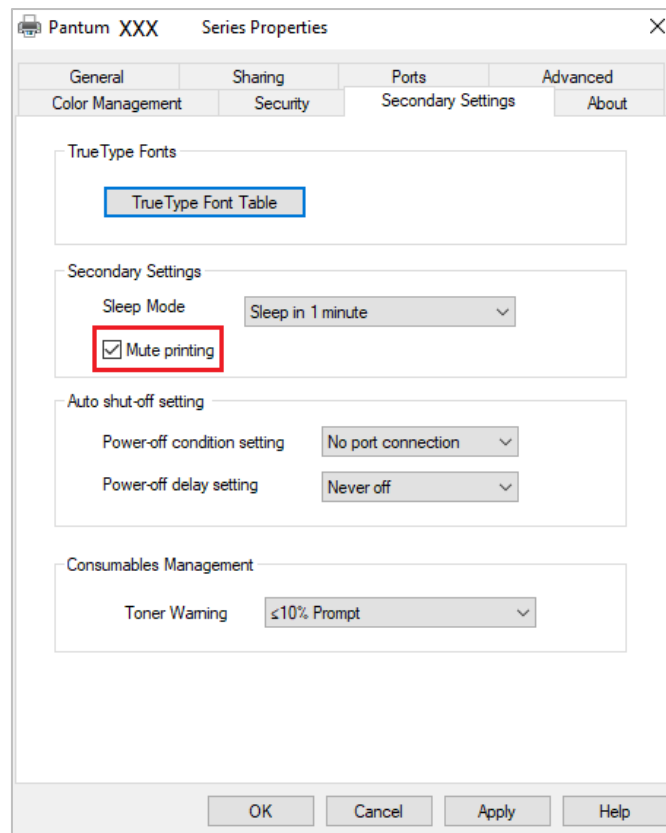
## Mute printing

If the Mute Printing is set, the printing noise will be reduced but the printing will slow down to some extent.

The operating steps of mute printing are as follows (applicable to printers that are installed via USB connection)

Windows 7 is taken as the example in the following operation. The information on your computer screen may differ because of multiple operating systems.

1. Enter the “Start menu” – “Control Panel” –view “Devices and Printers”.
2. Right click printer and select “Printer properties” in the pull-down menu.
3. Enter the “Secondary Settings” option.
4. Tick “Mute printing” and click “Ok” to finish setup.



5. Open the printing work from the App, select a printer of the corresponding model and then set up printing according to needs.
6. Click “Print” to realize mute printing.

**Note:** • Printers with LCD control panel can be set to mute printing with keys on control panel directly.

# 08 Routine Maintenance

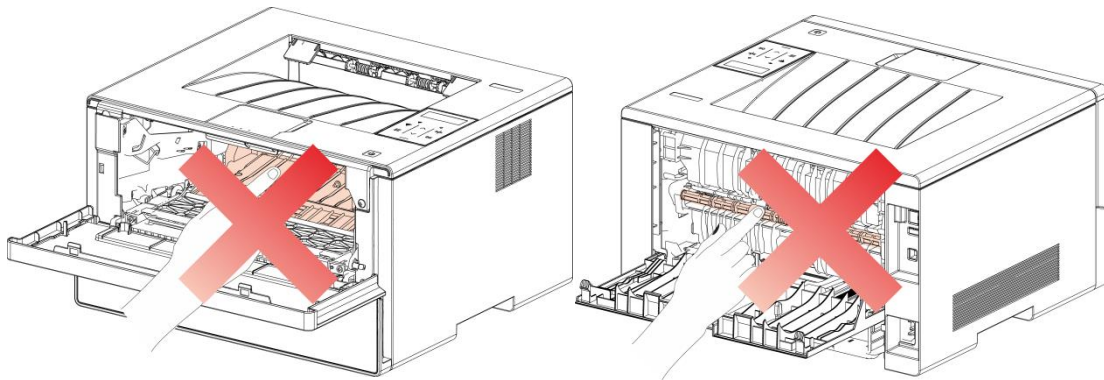
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**Note:** • Printer appearance may differ because of different models and functions, so the schematic diagram is only for your reference.

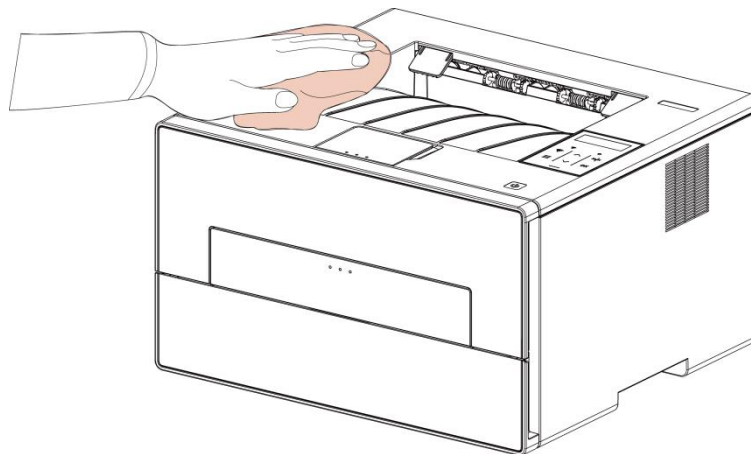
## Cleaning the Printer

**Note:** • Please use mild detergents.

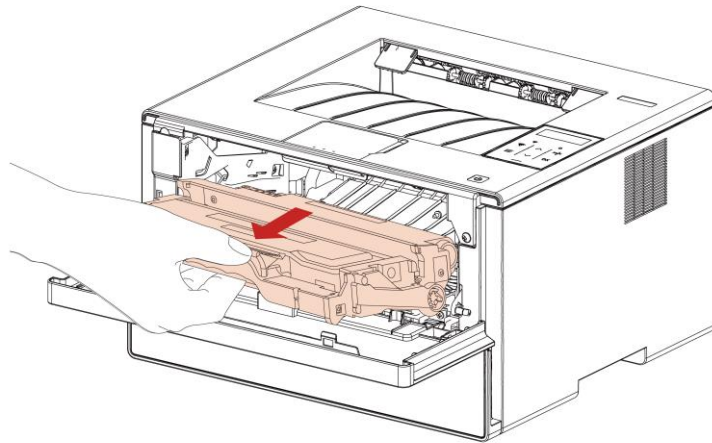
• Some parts of the printer may still be hot for a short period after use. When opening the front cover or rear cover to clean the parts inside the printer, please do not touch the parts in the shaded area as shown in the following picture.



1. Use a soft cloth to wipe the outside of the printer clean.

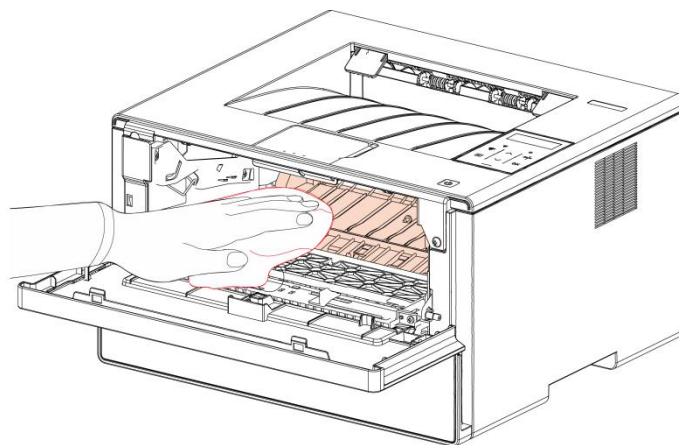


2. Open the front cover and take the laser toner cartridge out along the track.

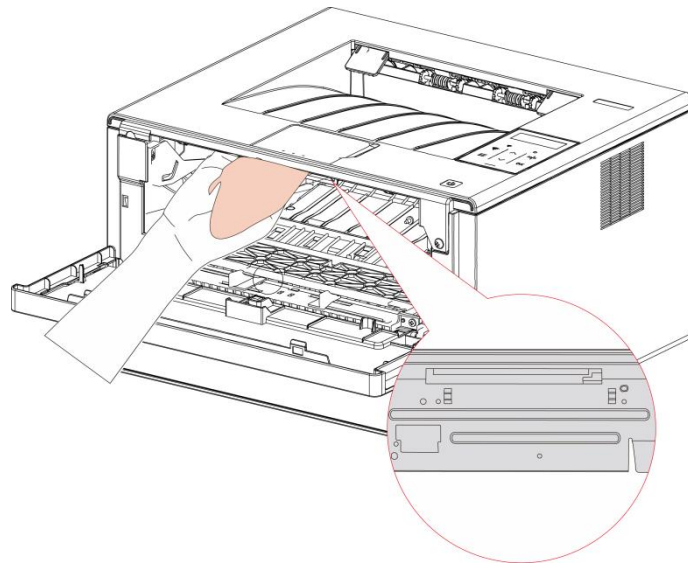


**Note:** • When removing the toner cartridge, put the toner cartridge in a protective bag or wrap it with thick paper to avoid direct light damaging the toner cartridge.

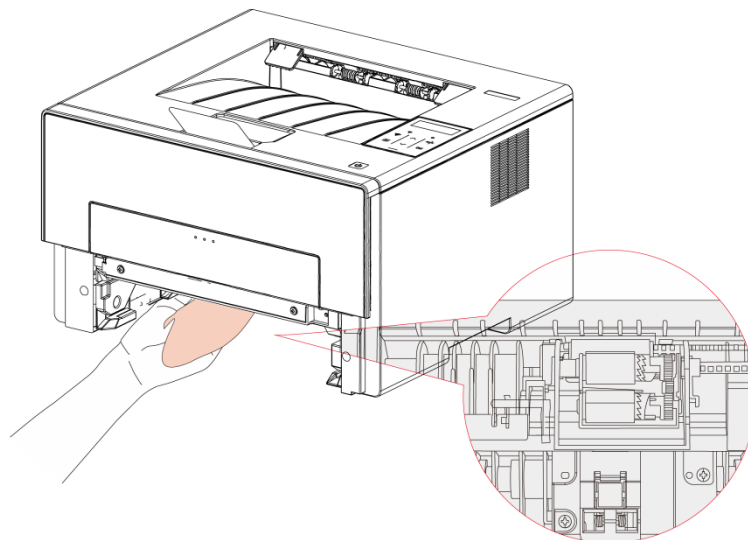
3. Clean the inside of the printer by gently wiping the shaded area, as shown in picture, with a dry and lint-free cloth.



4. Wipe the LSU lens of printer gently with dry lint cloth.



5. Open the auto feed tray and wipe the pickup roller gently with dry lint cloth.



# Toner cartridge and drum component component maintenance

## About toner cartridge and drum component component

### 1. Application and maintenance of toner cartridge

Please use the original toner cartridge for better printing quality.

Please pay attention to the following items while using the toner cartridge:

- Do not take the toner cartridge out of its package unless it will be used immediately.
- Do not refill the toner cartridge without permission; otherwise, the damages caused will not be included in the scope of warranty of the printer.
- Please place the toner cartridge in cool and dry places.
- Please do not place the toner cartridge near ignition sources, as the toner inside it is inflammable and may cause fire.
- Please pay attention to toner leakage while it is taking out or disassembled. In case of toner leakage, skin contact with toner or spattering into eyes or mouth, please wash it with clear water immediately, or see a doctor if feeling unwell.
- Toner cartridge should be placed out of reach of children.

### 2. Service life of toner cartridge

- The service life of toner cartridge is depending on the toner quantity needed by printing.
- For printers with LED control panel, normally-on orange toner cartridge indicator means that the service life of toner cartridge has expired and a new toner cartridge should be replaced to.
- For printers with LCD control panel, normally-on orange toner cartridge indicator or “Ctg life expired” displayed on LCD display means that the service life of toner cartridge has expired and a new toner cartridge should be replaced to.

### 3. Service life of drum component

- For printers with LED control panel, normally-on red drum component indicator means that the service life of drum component has expired and a new drum component should be replaced to.
- For printers with LCD control panel, “DrumUnitLifeEnd” displayed on LCD display means that the service life of drum component has expired and a new drum component should be replaced to.

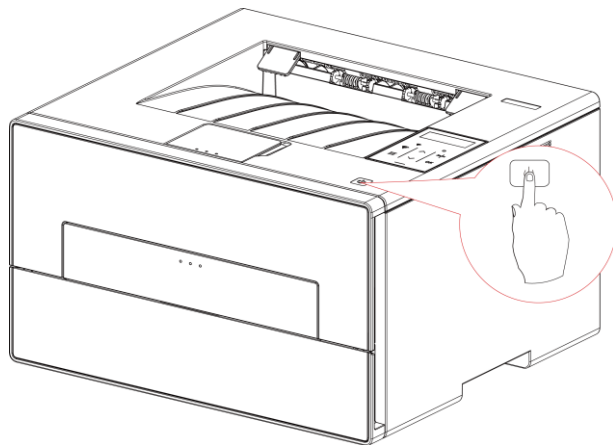
## Replace toner cartridge and drum component

**Note:** • Please pay attention to the following matters before replacing toner cartridge:

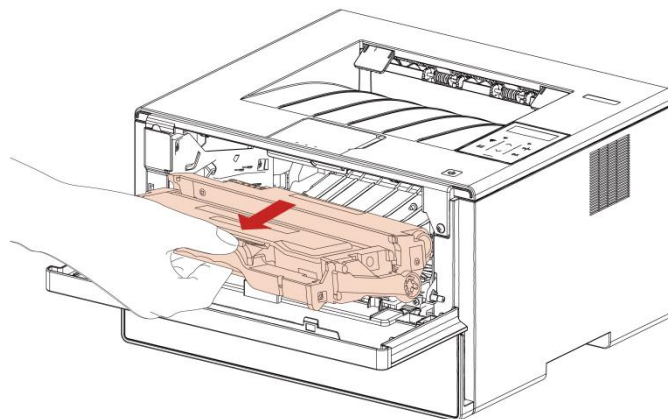
- Since there may be toner on the surface of toner cartridge, please pay attention while taking it out to avoid spattering.
- Please place the toner cartridge taken out on paper to avoid large-scale spattering of toner.
- When installing, do not touch the surface of the toner cartridge, so as to avoid scratching it.

### Toner cartridge replacement steps:

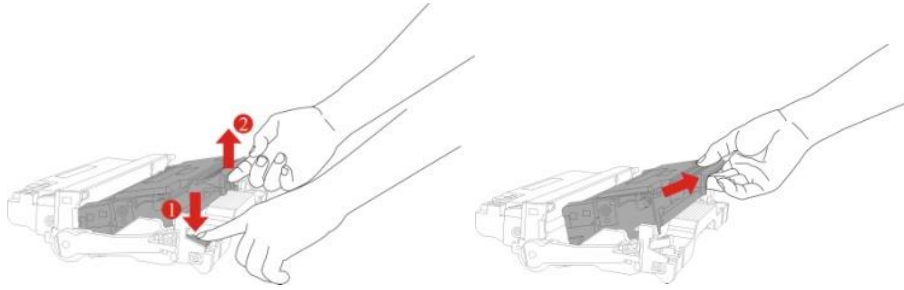
1. Power off the printer.



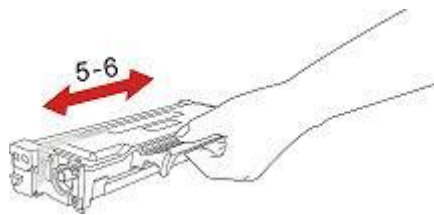
2. Open the front cover and take the laser toner cartridge out along the track.



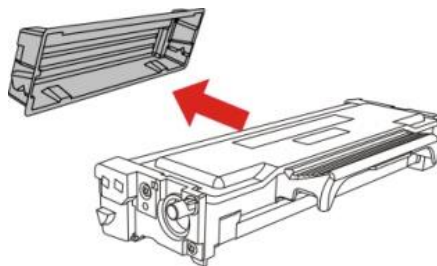
3. Press the blue button on the left side of drum component with left hand and lift the toner cartridge handle with right hand at the same time to take the toner cartridge out.



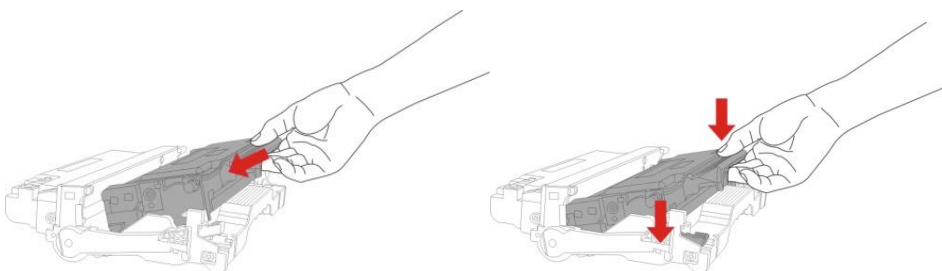
4. Open the package of the new toner cartridge and hold the toner cartridge handle to shake it left and right for 5 – 6 times, so that the toner inside can be uniformly dispersed.



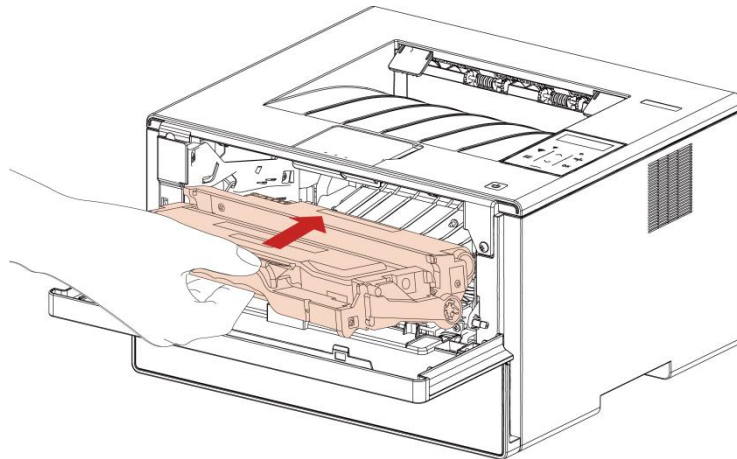
5. Remove the protective cover of toner cartridge.



6. Install the drum component along the inner track to finish installing toner cartridge.



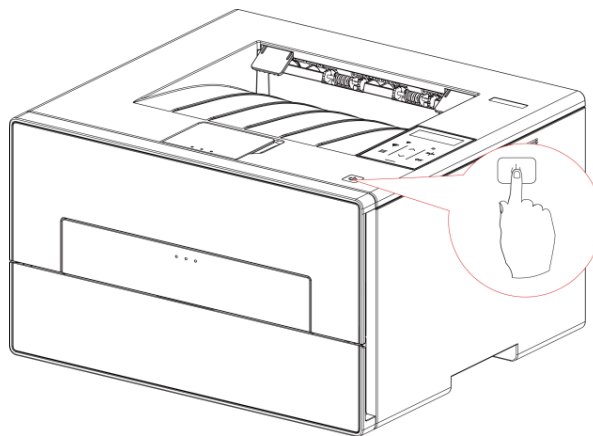
7. Take the drum component with toner cartridge installed and install it inside the printer along the inner track of printer to finish installing.



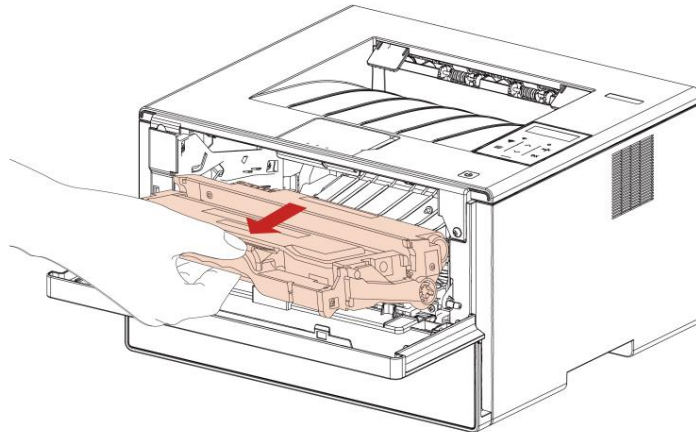
8. Close the front cover.

**Drum component replacement steps:**

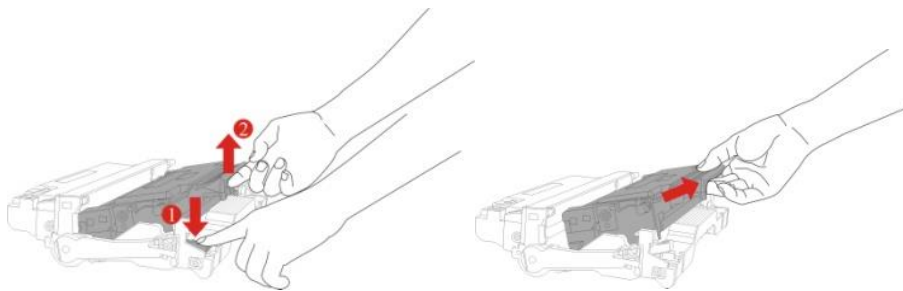
1. Power off the printer.



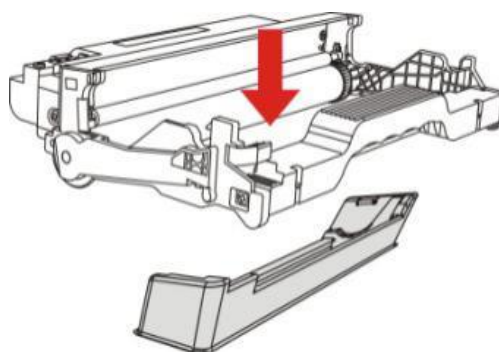
2. Open the front cover and take the laser toner cartridge out along the track.



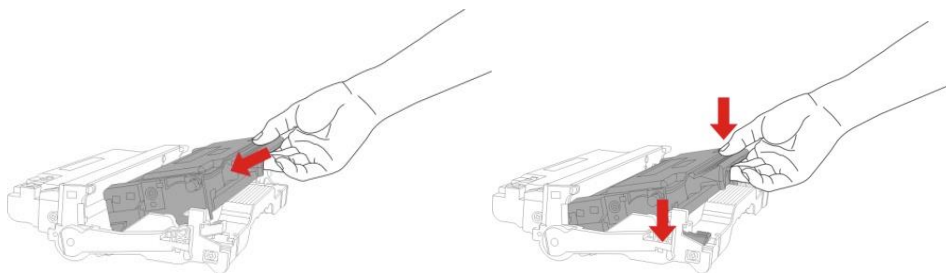
3. Press the blue button on the left side of drum component with left hand and lift the toner cartridge handle with right hand at the same time to take the toner cartridge out.



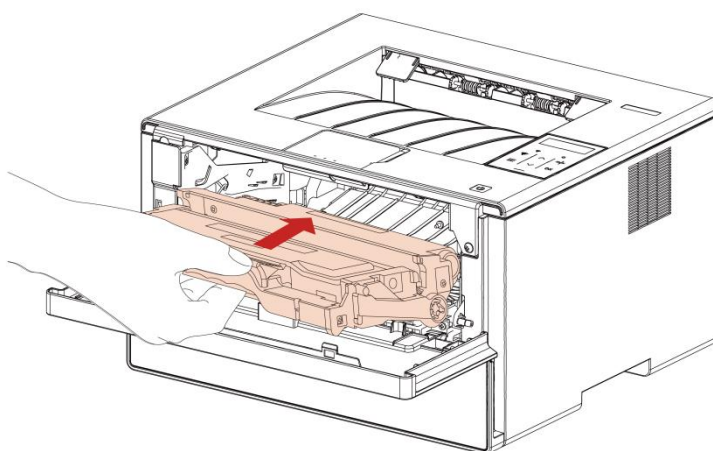
4. Open the package of new drum component, take the protection device of drum component, and put the drum component on a horizontal table.



5. Install the drum component along the inner track to finish installing toner cartridge.



6. Take the drum component with toner cartridge installed and install it inside the printer along the inner track of printer to finish installing.



7. Close the front cover.

# 09 Troubleshooting

---

Please read this section carefully. It may help you to solve common problems encountered during the printing process. If the problems persist, please contact Pantum Aftersales Service Centre.

Prior to handling common problems, first check that:

- The power cord is connected correctly and the printer is powered on.
- All of the protective parts are removed.
- The toner cartridge is installed correctly.
- The paper is correctly loaded into the tray.
- The interface cable between the printer and the computer is connected correctly.
- The correct printer driver has been selected and installed properly.
- The computer port is properly configured and is connected to the correct printer port.

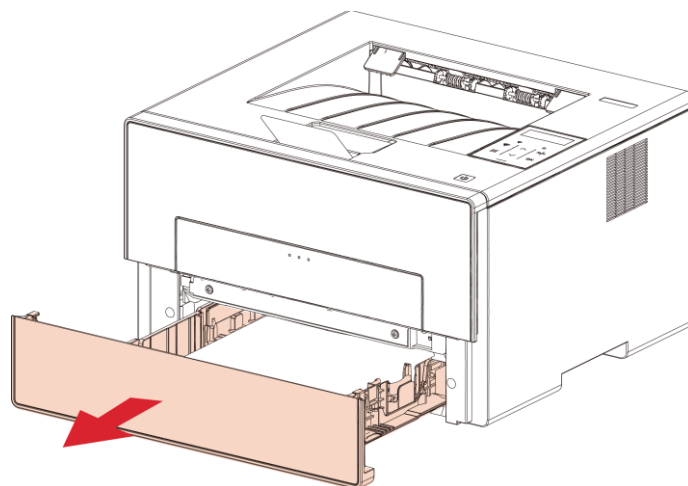
## Cleaning Jammed Paper

**Note:** Some models support the automatic jam recovery function. For the jam failure that the printer cannot solve automatically, please refer to the following steps.

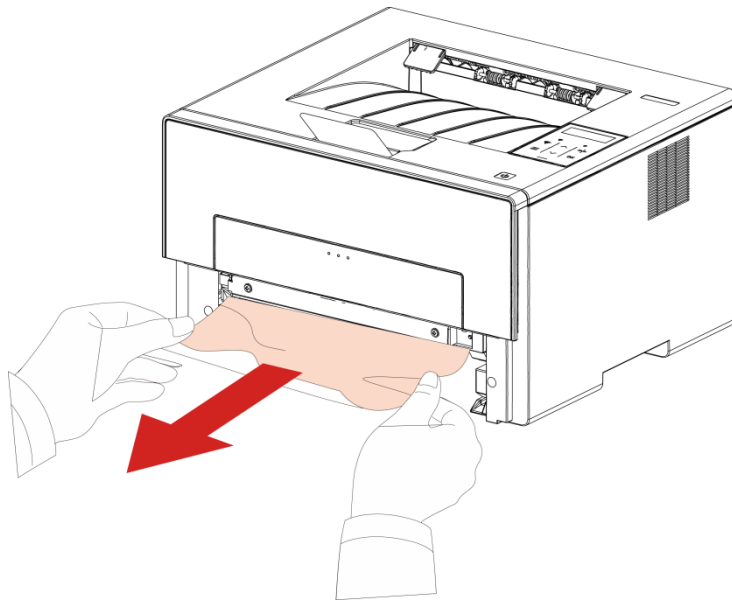
- Printer functions may vary with the model. Specific functions are subject to the model of the printer you purchased.

### Paper jam of auto feed tray

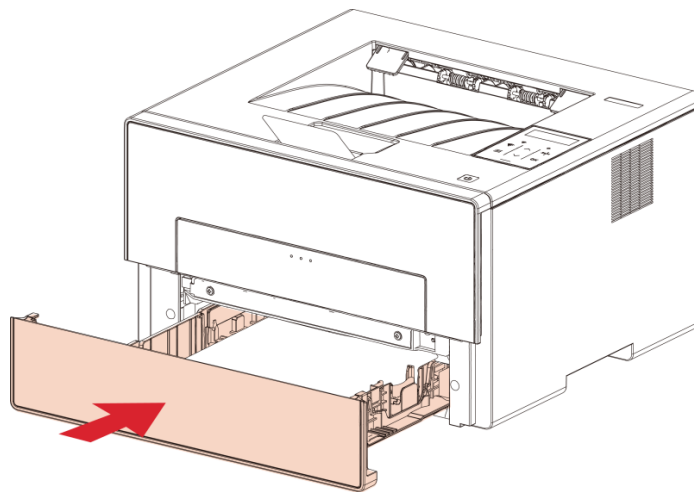
1. Open the tray.



2. Gently pull the jammed paper out.

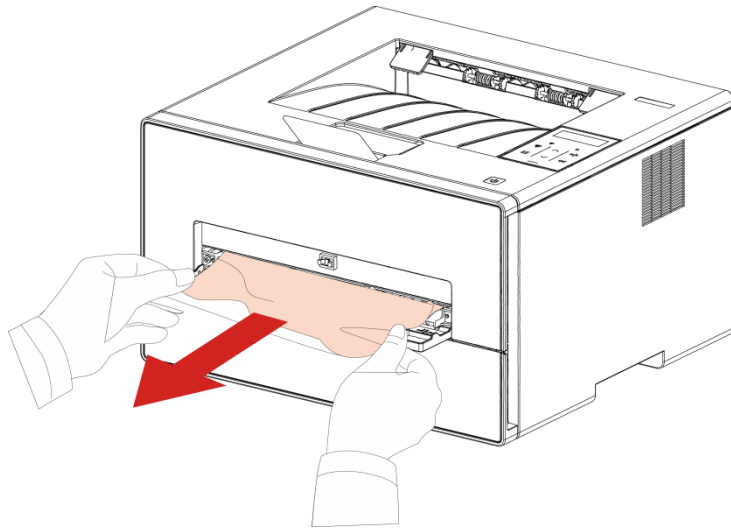


3. After taking papers jammed out, please reinstall the paper tray inside the printer and close the front cover, then the printer will recover printing automatically.

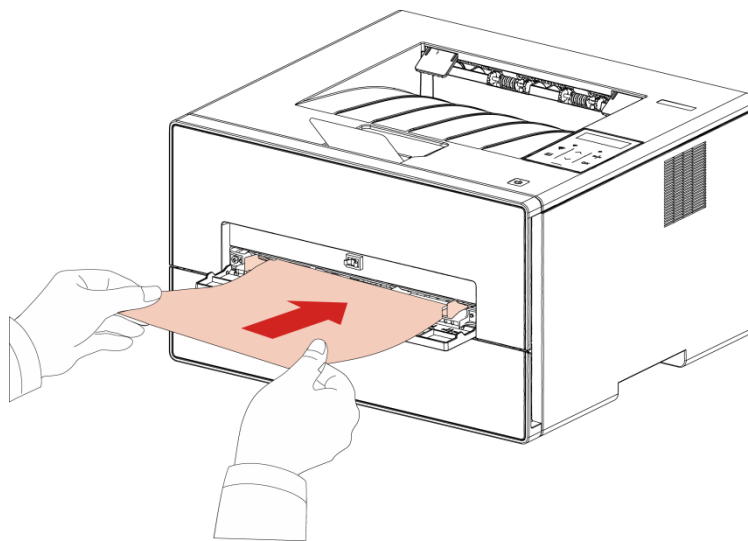


## Paper jam of manual feed tray

1. Gently pull the jammed paper out.

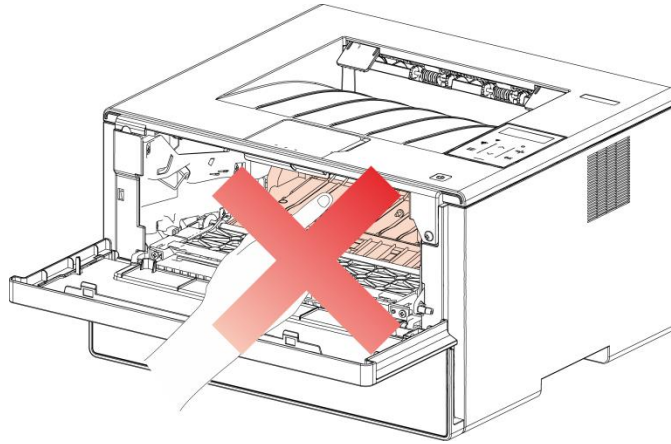


2. After taking papers jammed out, open and close the front cover and the printer will recover printing.

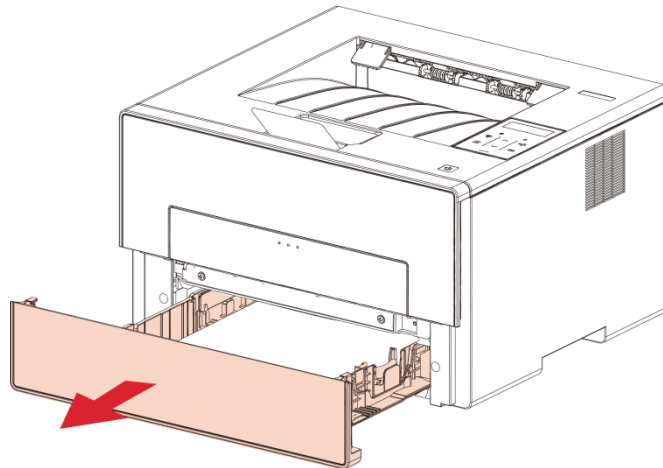


## Middle jam

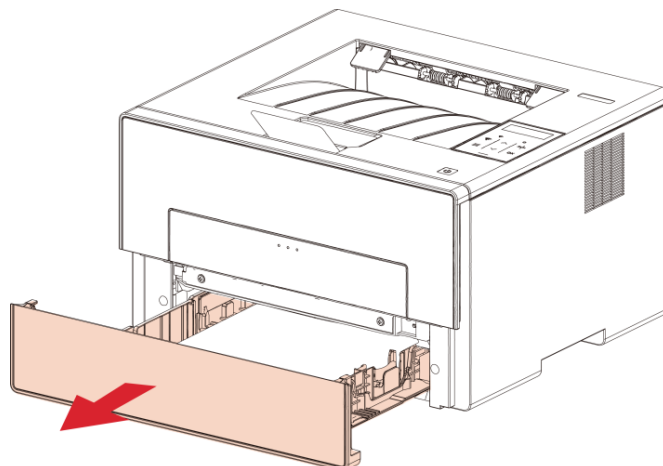
**Note:** • When papers jammed in the middle are taken out, please pay attention and do not touch the shaded area shown below, in order to avoid burn.



1. Pull paper tray out.

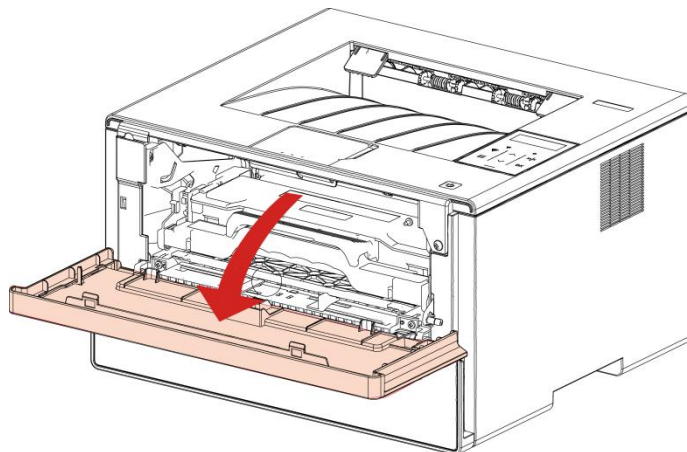


2. Gently pull the jammed paper out.

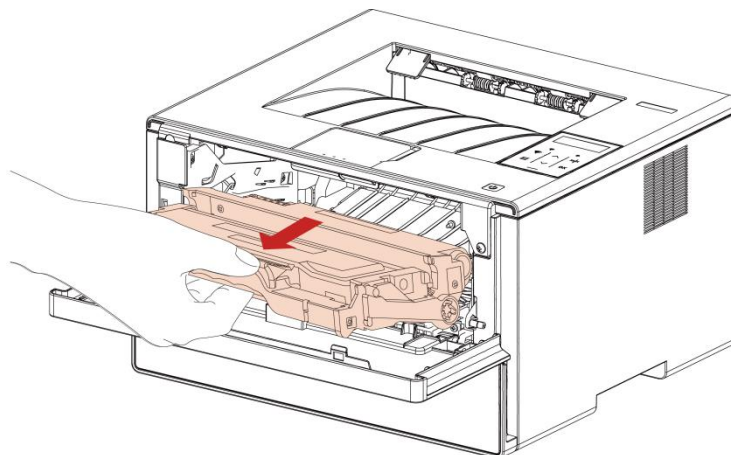


If you do not see paper in the area, stop and go to Step 3.

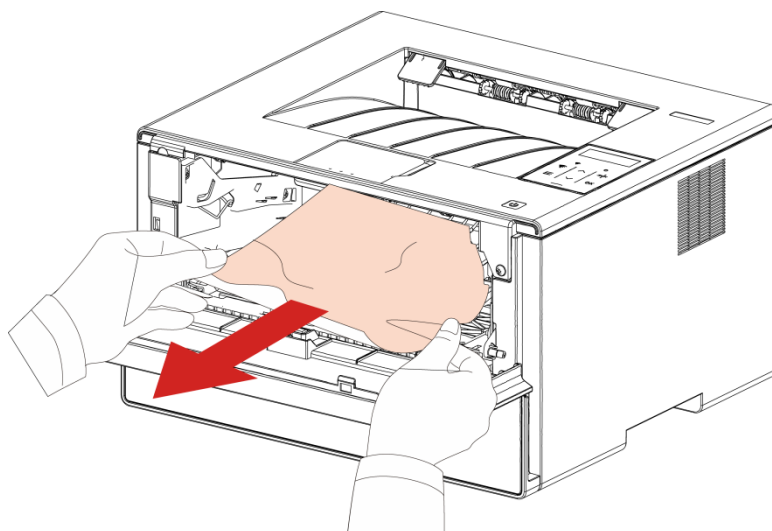
3. Open the front cover.



4. Take the laser toner cartridge out along the track. (For the purpose of preventing printing quality from affecting by the exposure of photosensitive drum, please put the laser toner cartridge inside the protection bag or wrap it with thick paper).



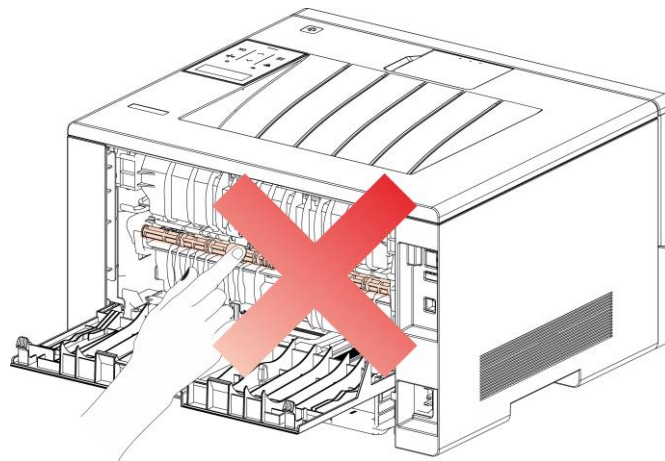
5. Lift the black cover, and gently pull out the jammed paper.



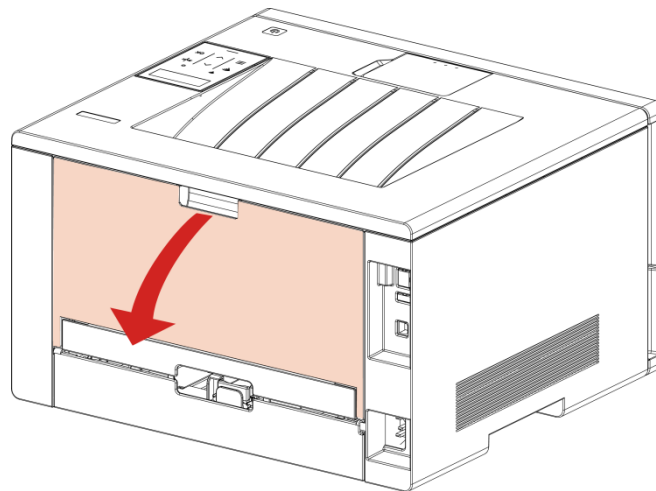
6. After taking out papers jammed, install the laser toner cartridge again and close the front cover, then the printer will recover printing.

## Paper Jam in the Fuser Unit

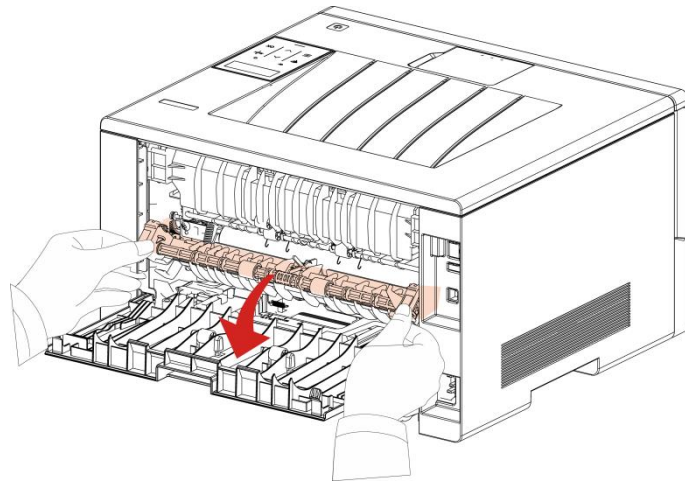
**Note:** • When papers jammed in fuser unit are taken out, please pay attention and do not touch the shaded area shown below in order to avoid burns.



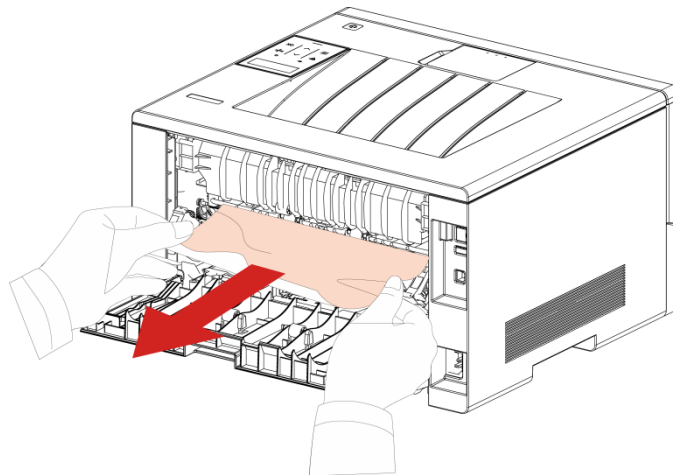
1. Open the rear cover.



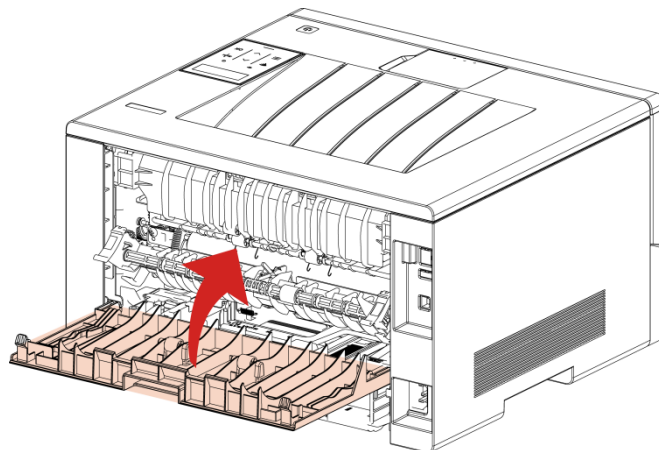
2. Open the fuser release unit by pressing the blue fuser release handles on both sides first and then the black paper guiding handle.



3. Gently pull the jammed paper out.

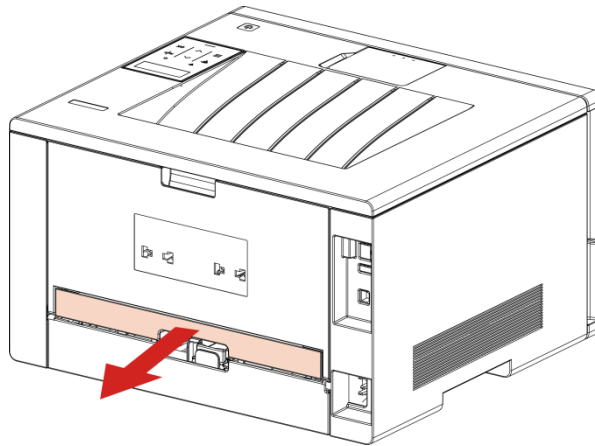


4. After taking papers jammed out, close the back cover and open the front cover and then the printer will recover printing.

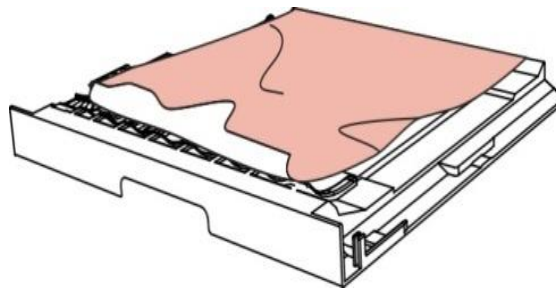


## Duplex Unit Jam

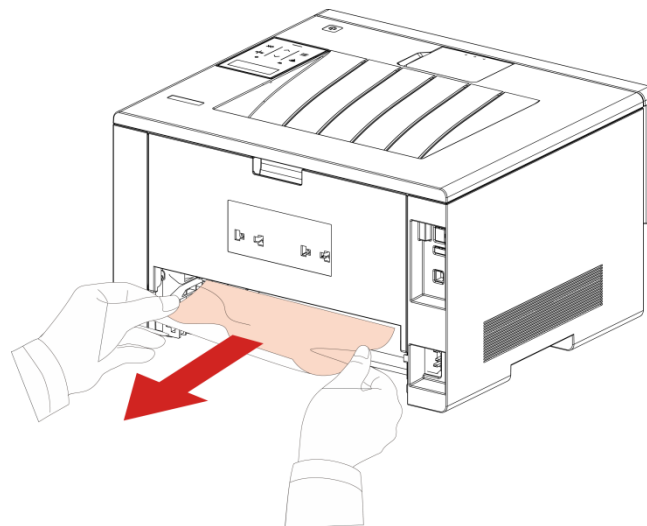
1. Remove the duplex printing unit from the back of the printer.



2. Remove the jammed paper from the duplex unit.



3. If the paper does not come out along with the duplex unit, open the tray and remove the jammed paper directly from the bottom.



4. After taking papers jammed out, install the duplex unit back and inspect other parts to the product. If it can be ensured that there are no jammed papers, open and close the front cover and then the printer will recover printing automatically.

**Note:** After all papers jammed are taken out according to the above steps, close the front cover and tidy the papers in paper tray, then the printer will recover to print automatically.

- If the printer still does not start printing, please check that all the jammed paper inside the printer has been cleared.

- If you cannot remove the jammed paper yourself, please contact your local Pantum authorized repair center or send the printer to the nearest Pantum authorized service center for repair.

- Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.

## Software Failure

| Problem   | Solution  |
|---|---|
| The printer icon is not displayed in the "Device and Printer" folder.       | Reinstall the printer driver.<br>Ensure that the USB interface cable and the power cord are properly connected.   |
| The printer is in Ready mode but it will not perform any print job.         | If the failure still exists after restarting the printer, please reinstall the printer driver.<br>Make sure the network cable of USB cable is connected correctly.  |
| Failed to install the driver  | Check whether the print spooler service is enabled.<br>Check the power supply and the connection of the printer.  |
| The driver cannot be used if the IP address of the printer has been changed | Modify the port IP address of the printer driver.<br>If the above method does not work, please reinstall the printer driver.<br>It is recommended that a fixed IP address should be set to the network printer.<br>In the DHCP network, it is recommended to bind the IP address with the Mac address of the printer. |

## Error Message

| Error Message   | Cause   | Measure  |
|---|---|--|
| No Laser Toner Cartridge Detected   | The laser toner cartridge is installed incorrectly or laser toner cartridge is damaged. | The laser toner cartridge is installed correctly or new laser toner cartridge is replaced. |
| Toner Low (this prompt is displayed together with the standby picture alternately.)   | The toner in cartridge runs low.  | Please replace with a new toner cartridge.   |
| It is recommended to replace the fuser and paper feed unit  | Fuser and paper feed unit near end of life  | Please contact Pantum customer service for replacement                                     |
| Note: You can press the "Menu" button on the printer panel, and click "Fuser and Paper Feed Unit Management" in the "Menu Settings" interface to turn off this prompt |   |  |
| Toner cartridge life expired.   | The toner in cartridge runs out.  | Please replace with a new toner cartridge.   |
| Feed jam  | The print paper is loaded incorrectly. The paper is outside of the specification range. | Please correctly load the print paper.   |
| Printer paper jam   | The print paper is loaded incorrectly.  | Please correctly load the print paper.   |
| Scanner is Busy   | With other scan jobs.   | Please cancel the current scan job or wait for the completion of other scan jobs.          |
| Scan failed   | Scanner internal failure.   | Please contact Pantum Customer Service.  |

**Note:** • If the problem persists, please contact the customer service center. See the Three Guarantees certificate for contact details.

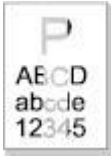



# Common Troubleshooting

## Common Problems

| Problem                      | Cause  | Solution  |
|------------------------------|--|---|
| Problems with the Printer    |  |   |
| The printer does not work    | <p>The cable between the computer and the printer is not connected properly.</p> <p>Error in specifying the print port.</p> <p>The printer is offline and User Guide of Printer is checked.</p> <p>The printer has not recovered from an internal error, such as a paper jam, paper empty, etc.</p> <p>Driver program of printer is not installed correctly.</p> | <p>Disconnect and then reconnect the printer cable.</p> <p>Check the Windows printer settings to ensure that the print job has been sent to the correct port. If the computer has more than one port, make sure that the printer is connected to the correct port.</p> <p>Make sure that the printer is in the normal online status.</p> <p>Please eliminate errors so that the printer can recover to its normal state.</p> <p>Unload and reinstall the driver program of printer.</p> |
| Problems with Paper Handling |  |   |
| Paper feed failure           | <p>The print media has been loaded incorrectly.</p> <p>The print media is out of the supported media range.</p> <p>The feed roller is dirty.</p> <p>Too many papers in paper tray.</p>   | <p>Please install printing medium correctly; please print with manual feed tray if special printing medium is used to print.</p> <p>Please use the print media within the specification range.</p> <p>Clean the feed roller.</p> <p>Take the excessive papers out from paper tray; please print with manual feed tray if special printing medium is used to print.</p>  |
| Paper Jam                    | <p>Too many papers in paper tray.</p> <p>The print media is out of the supported media range.</p> <p>There is foreign matter in the paper path.</p> <p>The feed roller is dirty.</p> <p>Internal parts failure.</p>  | <p>Take the excessive papers out from paper tray; please print with manual feed tray if special printing medium is used to print.</p> <p>Make sure to use the paper that meets specifications. please print with manual feed tray if special printing medium is used to print.</p> <p>Clean the paper path.</p> <p>Clean the feed roller.</p>   |
| Print multipage feed         | <p>Excessive static electricity on the print media.</p> <p>The print media is damp and is sticking together.</p> <p>Internal parts failure.</p>  | <p>Separate the print media to eliminate some static electricity. It is suggested that you use the recommended print media.</p> <p>Separate the print media or use better quality and dry print media.</p>  |

**Note:** • If the problem persists, please contact the customer service center. See the Three Guarantees certificate for contact details.

## Image Defects

| Problem   | Cause  | Solution   |
|---|--|--|
|  <p data-bbox="169 562 357 636">The printout is whitish or light</p> | <ul style="list-style-type: none"> <li>• The print media does not meet the usage specifications, for example the media is damp or too rough.</li> <li>• The resolution setting of printing program is too low and concentration setting is too low, or save toner mode is ticked.</li> <li>• Toner is low.</li> <li>• Toner cartridge is damaged.</li> </ul>   | <ul style="list-style-type: none"> <li>• Please use proper print media within the specification range.</li> <li>• Set the resolution and concentration setting of program, or cancel ticking the save toner mode.</li> <li>• It is suggested to replace the original toner cartridge.</li> </ul>   |
|  <p data-bbox="169 943 323 976">Toner spots</p>                      | <ul style="list-style-type: none"> <li>• Dirty toner cartridge or toner leakage.</li> <li>• Toner cartridge is damaged.</li> <li>• The print media does not meet the usage specifications, for example the media is damp or too rough, or has been used previously.</li> <li>• The paper path is dirty.</li> </ul>   | <ul style="list-style-type: none"> <li>• It is suggested to replace the original toner cartridge.</li> <li>• Please use the print media within the specification range.</li> <li>• Clean the paper path.</li> </ul>  |
|  <p data-bbox="169 1256 323 1294">White spots</p>                  | <ul style="list-style-type: none"> <li>• The print media does not meet the usage specifications, for example the media is damp or too rough, or has been used previously.</li> <li>• The paper path is dirty.</li> <li>• The drum inside toner cartridge is damaged.</li> </ul>  | <ul style="list-style-type: none"> <li>• Please use the print media within the specification range.</li> <li>• Clean the paper path.</li> <li>• It is suggested to replace the original toner cartridge.</li> </ul>  |
|  <p data-bbox="169 1637 379 1671">Toner comes off</p>              | <ul style="list-style-type: none"> <li>• The print media does not meet the usage specifications, for example the media is damp or too rough, or has been used previously.</li> <li>• The printing paper medium set and paper medium placed are not consistent.</li> <li>• The inside of the printer is dirty.</li> <li>• Toner cartridge is damaged.</li> <li>• The parts inside the printer are damaged.</li> </ul> | <ul style="list-style-type: none"> <li>• Please use printing medium within the specification scope, and use manual feed tray for printing in case of special medium.</li> <li>• Please print with corresponding paper medium.</li> <li>• Clean the inside of the printer.</li> <li>• It is suggested to replace the original toner cartridge.</li> </ul> |



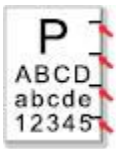
Black vertical stripes

- Dirty toner cartridge
- Damaged inner parts of toner cartridge.
- Dirty combining glass of inner laser of the machine.
- The paper path is dirty.
- Clean or replace toner cartridge
- Clean the mirror of the laser at the back of the printer.
- Clean the feed path of printer.



Black background(gray background)

- The print media does not meet the usage specifications, for example the media is damp or too rough, or has been used previously.
- Dirty toner cartridge
- Damaged inner parts of toner cartridge.
- The paper path is dirty.
- Abnormal internal transfer voltage of printer.
- Please use the print media within the specification range.
- Clean or replace toner cartridge
- Clean the paper path inside the printer.



Cyclical traces appear

- Dirty toner cartridge
- Damaged inner parts of toner cartridge.
- The fuser component is damaged.
- Clean or replace toner cartridge
- Please contact customer services center to replace to a new fuser assembly.



Skewed pages

- The print media has been loaded incorrectly.
- The paper path of the printer is dirty.
- Ensure the correct loading of the print media.
- Clean the paper path inside the printer.



Wrinkled paper

- The print media has been loaded incorrectly.
- The print media does not meet the usage specifications.
- The paper path of the printer is dirty.
- The fuser component is damaged.
- Ensure the correct loading of the print media.
- Please use print media within the specification range.
- Clean the paper path inside the printer.
- Please contact customer services center to replace to a new fuser assembly.



The back of the printout is dirty

- Dirty toner cartridge
- The transfer roller inside the printer is dirty.
- The transfer voltage inside the printer is abnormal.
- Clean or replace toner cartridge
- Clean the internal transfer part of the printer.



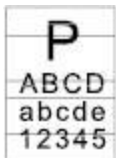
Whole page dark

- Toner cartridge is improperly installed.
- Inner damage of toner cartridge.
- Abnormal internal charging of machine or the toner cartridge is not charged.
- Install ink cartridge correctly.
- It is suggested to replace the original toner cartridge.



The toner does not adhere to the paper

- The print media does not meet the usage specifications, for example the media is damp or too rough, or has been used previously.
- The inside of the printer is dirty.
- Toner cartridge is damaged.
- The parts inside the printer are damaged.
- Please use printing medium within the specification scope, and use manual feed tray for printing in case of special medium.
- Clean the inside of the printer.
- It is suggested to replace the original toner cartridge.



Horizontal stripes

- The toner cartridge is not installed correctly.
- The toner cartridge may be damaged.
- The parts inside the printer are damaged.
- Install ink cartridge correctly.
- It is suggested to replace the original toner cartridge.

**Note:** • The faults above can be mitigated by cleaning or replacing the cartridge. If the problem persists, please contact the customer service center. See the Three Guarantees certificate for contact details.

# 10 Product Specifications

**Note:** • Specification values vary slightly from printers with different models with different functions. These values are based on the initial data. For more information about the latest specifications, please visit: [www.pantum.com](http://www.pantum.com).

## Overview of the Specifications

|                                 |  |
|---------------------------------|--|
| Product Size(W*D*H)             | 370mm*333mm*216mm  |
| Product Weight                  | 7.2kg  |
| Print Environment               | Print temperature range:10~32°C<br>Print humidity range:20%RH~80%RH  |
| Power Voltage                   | 110V Model: AC100-127V, 50Hz/60Hz, 9A<br>220V Model: AC220-240V, 50Hz/60Hz, 4.5A   |
| Noise (acoustic pressure level) | Printing:≤52dB(A)<br>Standby:≤30dB(A)<br>Mute mode: ≤46 dB (A)   |
| Enter network standby time      | 1 minute   |
| Power Consumption               | Network standby: wireless < 3.00W; without wireless <2.00 W<br>Standby: ≤50.0W<br>Shutdown: <0.40W<br>TEC: conforming to requirements of Chinese energy efficiency rating  |
| Operating system                | WindowsServer2012/Server2016/Server2019/<br>Server2022/XP/Win7/Win8.1/Win10/win11(32/64 bit)<br>macOS 10.10-14.0<br>Linux (Ubuntu 16.04/ Ubuntu 18.04/ Ubuntu 20.04/ Ubuntu 22.04)<br>iOS 11.0-16.1<br>Android 6.0-13.0<br>HarmonyOS 1.0-3.0 |
| Communication interface         | BP4200D/BP4200DN/BP4200DW: USB 2.0(High Speed)<br>BP4200DN/BP4200DW: IEEE802.3 10Base-T/100Base-Tx<br>BP4200DW: IEEE802.11 a/b/g/n(Support WPS), 2.4G+5G Dual-Band<br>WIFI, Bluetooth:BLE  |
| Print Time of First Page        | ≤8.2 sec   |
| Maximum printable size          | 216mm*356mm  |

|  |   |
|--|---|
| Frequency Band   | BLE:2402MHz – 2480MHz   |
|  | Wi-Fi 2.4GHz : 2400MHz – 2483.5MHz  |
|  | Wi-Fi 5GHz(if applicable): 5150MHz - 5250MHz; 5470MHz - 5730MHz;<br>5735MHz - 5835MHz |
| Note: The above frequency bands are common frequency bands, and different markets will restrict the use of certain frequency bands according to the country's regulatory requirements. |   |
| Maximum output power<br>(Declaration for EU<br>Compliance)   | BLE:10.00dBm EIRP   |
|  | WLAN 2.4GHz : ≤19.00dBm EIRP  |
|  | WLAN 5GHz(if applicable) : ≤15.00dBm EIRP   |

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