



**Operation Manual of
ASTA-AS-MFP1030DNW
Automatic Double-sided Laser Printing
Multi-function Printer**



Please read this manual carefully before installing and using this product.

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1.Product Safety Instructions

Instructions before use: this instruction manual is applicable to ASTA-AS-MFP1030DNW.

Before using this product, please read the "Safety Instructions" carefully to ensure safe use. This product and the recommended consumables have been tested and can meet the strict safety requirements, including the approval of the safety organization, and meet the environmental standards. Failure to follow these instructions may increase the risk of fire, electric shock, burn or suffocation. ASTA will not be responsible for any damage caused by the user's failure to follow the instructions in this manual.

Please follow the warning instructions on this product. Warning signs represent:



Danger

Warn users that if they ignore this information and wrong operation, it may cause death or injury, indicating a high degree of warning.



Warning

Warn users that if they ignore this information and wrong operation, death or injury may result.



Caution

Warn users that if they ignore this information and wrong operation, it may cause human injury or damage to the machine.

1.1 Electrical Safety



- This product is supplied with an adapter for a three-prong grounding plug, that is, the plug contains a third (grounding) prong. This plug is only suitable for grounding type power outlets, which is a safety measure. If you cannot fit the plug into the outlet, please contact your local ASTA representative and have the outlet replaced. Never defeat the function of the grounding-type plug.
- This product shall be connected to the AC power supply within the range specified on the nameplate. Please check the nameplate of this product to confirm the rated current and voltage.
- Never plug or unplug the plug with wet hands, it may cause electric shock.
- Do not place objects on the power cord.
- Keep the power plug and socket clean at all times. In dusty or humid environment, the connector may generate small current, which may cause heat and eventually lead to fire.
- In order to avoid electric fire, please use the power cord provided with this product.

The power cord is only used for this product. Do not

use it for other products.

Do not damage or change the power cord.

If the power line is damaged or the insulated wire is exposed, please contact ASTA sales representative for replacement.



- Before cleaning this product, please turn off the machine power and unplug the power plug. Working with the machine power on may cause electric shock
 - When the power is on, do not pull out the power plug or reinsert the power plug into the socket, which may cause the plug to deform or heat.
 - When pulling out the power plug, grasp the plug instead of the power cord, otherwise it may cause damage to the power cord, electric shock or fire.
 - If you do not use the machine for a long time, turn off the machine and pull out the power plug.
 - Turn off the power supply of this product once a month and check:
 - (1) Is the power plug firmly inserted into the socket?
 - (2) Is the power plug overheated, rusted or bent?
 - (3) Is the power plug and socket clean?
 - (4) Is the power cord cracked or worn?
-

If any abnormality is found, first turn off the power supply of this product and unplug the power plug, and then contact the local ASTA representative.

- After the power switch of this product is turned off, zero energy consumption can be achieved only when the power plug is unplugged.
-

1.2 Installation Safety



Do not place this product in a place where the power cord may be trampled or crossed by people. Friction and excessive pressure may cause heat and eventually lead to electric shock or fire.



1. Do not place this product in the following places:

(1) Near radiator or other heat sources

(2) Near the place where the curtain and other inflammable

(3) Places with high temperature, humidity, dust or poor ventilation

(4) Where the sun shines

(5) Near cookers or humidifiers

- Place the product in a well-ventilated place. Do not block the vent of the product to avoid fire due to overheating.
 - Please make sure to leave room for ventilation and plugging in and out the power plug. If there is any abnormal situation, unplug the power plug of this product.
 - Do not tilt the product more than 10 degrees, otherwise, the product may fall and cause personal
-

injury.

- In order to maintain the good performance of the product, the product should be used under the following environmental conditions:

(1) Temperature: 10-32°C

(2) Humidity: 20-80%

When the product is placed in a low temperature room and the room temperature rises rapidly through the heater, water droplets will form in the product and cause partial loss of printed data.

-  This machine is only suitable for safe use in altitude below 2000m.
 -  This machine is only suitable for safe use in non-tropical climate.
-

1.3 Operation Safety



- This product has safety design, and operators are not allowed to touch dangerous parts. The dangerous parts are equipped with covers or baffles that can be removed only with tools to limit the access of operators. To avoid electric shock and personal injury, do not remove these covers or baffles.
 - In case of the following situations, please turn off the power supply of this product immediately, then pull the plug out of the socket and give it to professional maintenance personnel for treatment:
 - (1) The power cord is damaged or worn
 - (2) This product smokes or has high surface temperature
 - (3) This product emits abnormal noise or bad smell
 - (4) Circuit breaker, fuse or other safety device activated
 - (5) There is liquid entering the product
 - (6) This product is exposed to rain or water
 - (7) The product falls or the casing is damaged
 - Do not put anything into the slot or opening of this product.
 - Do not place the following items on this product:
 - (1) A liquid container, such as a vase or water cup
-

(2) Small metal parts, such as staples or clips

(3) Heavy weight

If liquid seeps or metal parts slide into the product, electric shock or fire may be caused.

- Do not use conductive paper, such as origami paper, carbon paper or coated paper with conductive layer. In case of paper jam, these papers may cause short circuit and eventually lead to fire.
 - Please use special cleaning materials when cleaning this product. The use of other materials may cause performance degradation. Do not use spray cleaner, otherwise it may cause fire and explosion.
-



-
- Please strictly follow all warning instructions indicated on or attached to this product.

To avoid burns or electric shock, do not touch the area marked with "high temperature" or "high voltage".

- Do not turn off electrical or mechanical safety interlocks. Do not place the safety interlock near magnetic materials. Magnetic materials may cause unexpected operation of this product, resulting in personal injury or electric shock.
 - Do not attempt to remove paper jammed inside the product, especially if paper is wrapped around the
-

fuser unit or heat roller, as doing so may result in burns. Please turn off the power of this product immediately, and then contact the ASTA sales representative for treatment.

- Please keep good ventilation when operating for a long time or printing in large quantities. In a poorly ventilated room, unpleasant smell will be produced and the air quality in the office will be affected. Must ensure good ventilation, comfortable and safe environment.
-

1.4 Consumable Safety



- Store all consumables according to the instructions on the package or container.
 - Do not use a vacuum cleaner to clean the scattered toner and the residual toner in this product. Otherwise, it will ignite the toner dust inside the vacuum cleaner and cause a potential fire. Please use a soft, lint-free dry cloth to wipe the scattered toner.
 - Do not put the toner cartridge into an open flame. The remaining toner in the toner cartridge may catch fire, causing burns or explosions. If there is any toner cartridge that is no longer used, please contact ASTA sales representative for treatment.
-



- The toner drum unit and toner cartridge should be kept away from children. If children swallow toner powder by mistake, they should immediately spit out the toner powder, rinse with water, and drink more water, and contact a doctor as soon as possible.
 - When replacing the drum unit and toner cartridge, be careful not to scatter the toner powder. If the toner powder is scattered, please pay attention not to let the toner powder contact the clothes, skin, eyes, mouth
-

and other parts, and do not inhale the toner powder.

- If toner powder is attached to the skin or clothes, please clean it with soapy water.
 - If toner particles enter the eyes, flush with plenty of water for at least 15 minutes until the pain disappears. If necessary, consult with doctor.
 - If you inhale toner particles, turn to a place with fresh air and rinse your mouth with plenty of water.
 - If you swallow the toner powder, you should spit it out, rinse your mouth with water, drink a large amount of water, and consult with doctor immediately.
-

1.5 Name And Content Of Harmful Substances In Products

Part Name	Hazardous Substances					
	Lead (Pb)	Mercury (Hg)	cadmium (Cd)	Hexavalent chromium (Cr(VI))	Poly brominated biphenyls (PBB)	Poly brominated diphenyl ether (PBDE)
Left support unit	×	○	○	○	○	○
Right support unit	×	○	○	○	○	○
Drive unit	×	○	○	○	○	○
Laser unit	×	○	○	○	○	○
Main paper route unit	×	○	○	○	○	○
Duplex unit	×	○	○	○	○	○
Carton	×	○	○	○	○	○
Fusing unit	×	○	○	○	○	○
Cover plate	×	○	○	○	○	○
Label	○	○	○	○	○	○
Toner drum unit /toner cartridge	×	○	○	○	○	○
Main circuit board	×	○	○	○	○	○
Low-voltage power circuit	×	○	○	○	○	○

board						
High-voltage power circuit board	×	○	○	○	○	○
Adapter board circuit board	×	○	○	○	○	○
Printed matter	○	○	○	○	○	○
Packaging	○	○	○	○	○	○

This form is prepared in accordance with SJ/T 11364.

○: It means that the content of the hazardous substance in all homogeneous materials of the component is below the limit specified in GB/T 26572.

×:It means that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit specified in GB/T 26572.

1.6 Chinese Environmental Labeling Reminder

1. It is recommended to place equipment with noise greater than 63dB in a relatively independent area.
2. Recycled paper can be used.
3. When using or printing a large number of documents for a long time in a room with poor ventilation, ventilation should be timely.

1.7 Legal Restrictions



Copy, scan, print or use reproductions of the following documents are illegal behavior:

- Banknotes
 - Draft
 - Deposit Slip
 - Postage stamps (stamped or unstamped)
 - Identification Badge or Certificate Stamp
 - Military Service or Conscription Documents
 - Cheque or money order issued by a government agency
 - Motor vehicle driver's license and title certificate
 - Travel Cheque
 - Food Stamps
 - Passport
 - Immigration Documents
 - Inland Revenue Stamp (stamped or unstamped)
 - Bonds or Other Certificate of Indebtedness
 - Stock
 - Copyrighted Works/Art Works without the permission of the copyright owner
-

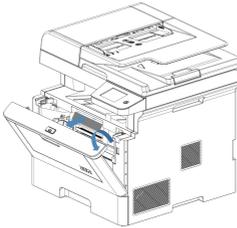


This list is not exhaustive. If in doubt, consult your legal representative in your jurisdiction.

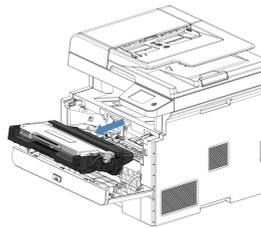
2.Quick Installation Instructions

2.1 Machine Installation Instructions

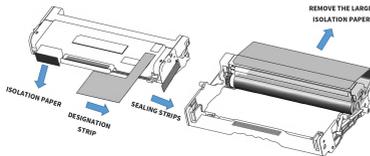
1、 Remove the packaging material and install the drum unit.



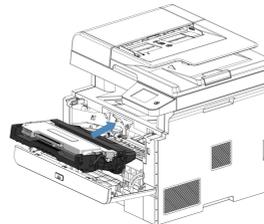
① Open the front cover and take out the toner drum pad and desiccant



② Take out the drum unit



③ Remove the cartridge package



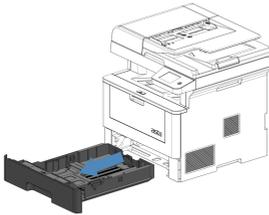
④ Put back the toner drum



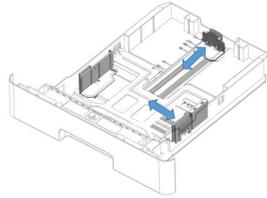
When removing the toner cartridge package, follow the prompts on the marking strip: first take out the toner cartridge; then remove the marking strip, sealing strip, and small release paper from the toner cartridge in sequence; then remove the large release paper; finally

put the drum unit and toner cartridge back into the printer.

2、 Load the paper into the paper tray.



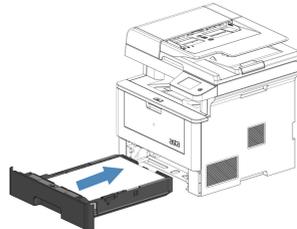
①Unpack the paper box



②Adjust the bin adjustment baffle

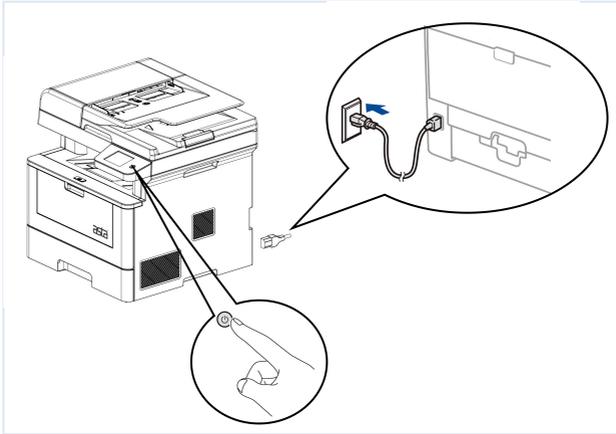


③Insert paper



④Push back the tray

3、 Connect the power cord and press the device power key.



2.2 Windows Driver Installation Instruction

This printer is suitable for most of the Windows operating systems on the market, such as Windows XP, Windows 7, Windows 8, Windows Server 2012, Windows 10, Windows 11 and other operating systems. This section takes the Windows 7 (Enterprise Edition) operating system as an example to introduce the installation and uninstal of the AS-MFP1030DNW automatic double-sided laser printer driver.

 The driver installation in this section is performed after DHCP is turned off

 Instructions for installing the driver under the DHCP network:

If the Multi-function printer communicates with the computer through a LAN or other network connection with DHCP function, only the following modifications need to be made during the driver installation process:

- The Multi-function printer sets DHCP to "ON";
 - On the computer side, set the network to "obtain address automatically".
-

2.2.1 Install Local Printer Driver

The installation of drivers requires administrator privileges. Please log on to the computer using the administrator account. Close all running applications.

Before installation, use the matching USB cable to connect the printer and the computer, and then turn on the printer power.

During installation, if the "Find New Hardware Wizard" dialog box automatically pops up, click "Cancel".

Turn off the prompt "There was a problem during hardware installation. Your new hardware may not work properly".

(1) Read the files in the U disk, double-click the "AS-MFP10130DN_setup.exe" driver, and the "AS-MFP1030DNW Printer Driver Installation/Uninstall Wizard" pops up, and click "Next".



(2) Select "Install the local print driver(USB)" and click "Next".



(3) Wait for the installation progress bar to complete



(4) Successfully install the local print driver, click "Next".



(5) Prompted to restart the computer. Checked by default, click "Finish" to complete the installation.



2.2.2 Install Network Printer Driver

Before installing the driver, connect the computer to the network interface of the printer with a network cable, power on the printer and turn on the power switch.

-
- In this section, the DHCP is disabled by default when installing the network driver. If it is enabled, please manually close it.
Click  (Setting) > Device Information > Network > Network Setting > DHCP (OFF)
 - In this section, the network driver is installed and SNMP is enabled by default. If it is disabled, please manually turn on it.
Click  (Setting) > Device Information > Network > Network Setting > SNMP (ON)
 - In this section, the UDP is enabled by default when installing the network driver, If it is disabled, please manually turn on it.
Click  (Setting) > Device Information > Network > Network Setting > UDP (ON)
-

1、ASTA-AS-MFP1030DNW multi-function printer Device setting IP address information:

(Refer to the network settings in section 4.3.2.3), the default setting information as follows:

IP 192.167.17.100

Subnet Mask 255.255.255.0

Gateway 192.167.17.1

2、Set the IP address information of the computer Windows side.

- Open the computer's Network and Sharing Center



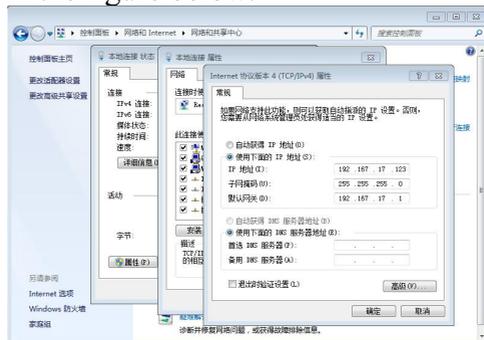
- Click "Local Area Connection"



- Click Properties to find and double-click to open ipv4



- Select "Use the following IP address" to set the network IP information of the computer. The default IP information is as shown in the figure below.



i The printer IP address and the computer network IP address must be set to the same network segment, and the IP of other PCs in the LAN should not conflict with the printer IP.

- After the setting is complete, click "OK" to close all dialog boxes.

3、 Start the driver installation program "AS-MFP1030DNW_setup.exe", select Add, and click "Next".



4、 Select "Install Network Print Driver", click "Next".



5、 During the driver installation process, the printer IP address is automatically obtained, and after confirmation, click "OK".



-
- i** Failed to obtain printer IP address!
Please check your network connection, or consult your network administrator.
If you know the network IP address, you can enter it manually.
-

6、After successfully installing the network printer driver, click "Next".



7、Prompted to restart the computer. You can leave it unchecked to restart the computer by default. Click "Finish".



-
- If the driver installation fails, please check whether the network cable is connected normally, or try to replace it with a new network cable.
 - After installing the printer driver, try not to change the name of the printer, otherwise it will easily lead to problems in driver uninstall and reinstall.
-

Instructions for installing the driver of the DHCP network:

If the Multi-function printer communicates with the computer via a LAN or other network connection with DHCP function, only the following is required during driver installation:

- The Multi-function printer sets DHCP to "ON";
-

-
- Set the computer's network to "obtain address automatically".
-

2.2.3 Uninstall Printer Driver

Uninstalling the driver requires administrator privileges. Please log on to the computer using the administrator account. Close all running applications.

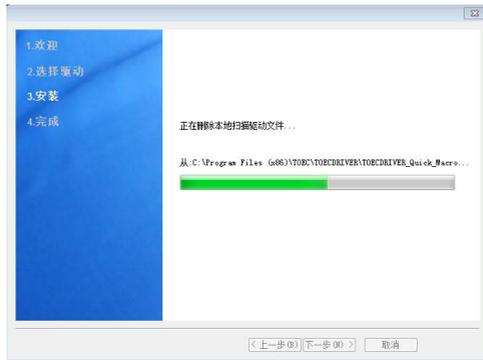
1、 Read the files in the U disk, double-click the “AS_MFP1030DNW Setup.exe” driver, and click "Next".



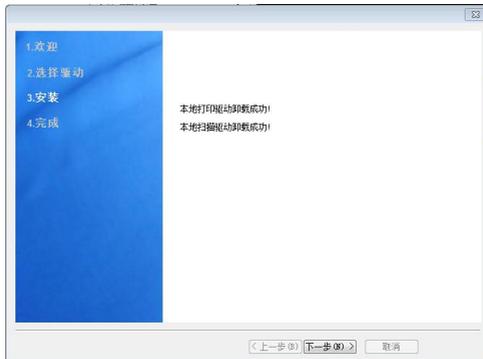
2、 Select the print driver you want to delete and click Next.



3、 Wait for the uninstall to complete



4、 Wait for the driver to be uninstalled successfully, and click "Next".



5、 Prompt to restart the computer, by default select "Restart the computer now"



2.2.4 Troubleshooting and Support

2.2.4.1 Installing the network printing driver can not automatically obtain the IP problem

Some versions of the Windows system may have the problem that the network printer cannot automatically obtain the printer IP address when setting up the network printer driver.

This problem may be caused by the following aspects:

- The network connection between the printer and the computer is abnormal, please check the connection status of the network cable and try again.
- Windows system network communication authority is abnormal. It is recommended to contact the system supplier.

The user can manually enter the IP address of the printer and continue to install the network print driver, which will not affect the normal use of the printer later.

2.2.4.2 Non-conformance Of Operation Process

The Windows system used in this section is the Windows 7 system. There are certain differences in the specific operation process and operation interface between different versions of the same system or different system versions. For example, there are certain differences between the versions above Windows 8 and

the versions below Windows 8 when setting the computer network IP, but the customized IP addresses are defined in the network property IPV4. If you have any questions during the use, please contact the system provider or the sales or after-sales personnel of ASTA.

2.3 Linux Driver Installation Instructions

This type of printer is compatible with most domestic Linux operating systems on the market, such as Tongxin UOS, Kirin V10, Kirin V10SP1 and other operating systems. This section takes Tongxin UOS (1050) and Kirin V10SP1 (2203) operating systems as examples to introduce the installation and uninstallation of the AS-MFP1030DNW automatic double-sided laser printer driver.

 The driver installation in this section is performed when DHCP is turned off.

 **Instructions for installing the driver under the DHCP network:**

If the multi-function printer communicates with the computer through LAN or other network connection with DHCP function, only the following modifications need to be made during the driver installation process:

- The multi-function printer sets DHCP to "ON";
 - Set the computer network to "obtain an address automatically".
-

2.3.1 Confirm the Printer Driver

Due to different domestic operating systems and CPU architectures, the driver versions used are also different. This section introduces the scope of adaptation of this model of printer and how to determine the printer driver.

2.3.1.1 Query System Information

The user can find the "My Computer" or "Computer" icon on the desktop, click the right mouse button to select properties, enter the property dialog box to view the CPU architecture and system version of the machine, as shown in the uos system in the figure below, and the CUP can be seen in the figure It is ZHAOXIN (hereinafter abbreviated as amd), and the system is Union Tech UOS system.



If the user cannot find the "My Computer" or "Computer" icon on the desktop, right-click the blank space on the desktop or use the shortcut key "Ctrl+Alt+T" to start the terminal, enter "uname -a" in the terminal, and press Back Press the Enter key to view the CUP information, enter "cat /etc/issue" again and press the Enter key to view the system information. For example, as shown in the figure below, the CUP architecture seen in the figure is ZHAOXIN (amd64), and the system is Union Tech UOS system (UnionTech OS) .

```
toecfax@toecfax-PC:~/Desktop$ uname -a
Linux toecfax-PC 4.19.0-amd64-desktop #5112 SMP Wed May 11 21:09:42 CST 2022 x86_64 GNU/Linux
toecfax@toecfax-PC:~/Desktop$ cat /etc/issue
UnionTech OS GNU/Linux 20 \n \1
toecfax@toecfax-PC:~/Desktop$ █
```

2.3.1.2 Select driver package

Copy the driver package from the random driver CD to the local disk, decompress it and enter the main folder. The main folder contains three folders: Union Tech UOS, Kirin V10, and Kirin SP1, which respectively represent the three domestic operating systems that are adapted. The file diagram is as follows:



Each operating system folder contains folders adapted to different CPU architectures, namely amd64, arm64, loongarch64, and mipsel. The file diagram is as follows:



Among them, amd64 refers to the Zhaoxin 64-bit processor, arm64 refers to the Phytium (or Kunpeng) 64-bit processor, loongarch64 refers to the Loongson 5000 processor (64-bit), and mipsel refers to other series of Loongson processors. Each folder contains the specific system and Adapted driver under CPU.

The naming method of the driver file name is mainly divided into three parts, namely the driver name, version number, and CPU architecture. For example:

- UOS > amd64

 signed_com.toec.toeca4series_2.6-0_amd64.deb

- Kirin V10 > amd64

 toec.toeca4series_2.6-0_amd64.deb

- Kirin V10 SP1 > amd64

 toec.toeca4series_2.6-0_V10SP1_amd64.

Among, “com.toec.toeca4series”、 “toec.toeca4series” represents the driver name, "2.6-0" represents the driver version, and "amd64" represents the adapted CPU architecture.

 The "V10SP1" part in the Kirin V10SP1 driver name is only used as an identification to distinguish the Kirin V10 system.

 The driver version number is subject to the final driver version.

2.3.2 Driver Installation

The driver installation methods mainly include double-click driver installation and terminal command installation. Next, the two installation methods will be described in turn.

2.3.2.1 Double-click the driver to install

Take Union Tech 64-bit (amd64) driver of UOS system as an example.

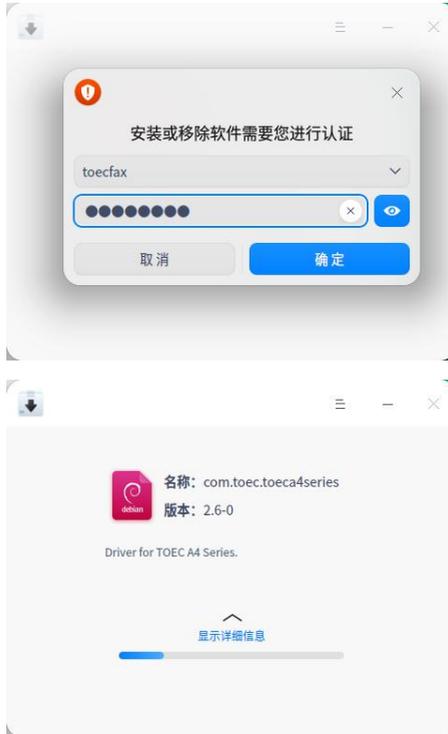
-
- The way of double-clicking to install the driver of Kirin and Union Tech system is only different in the interface display effect, so we will not introduce the difference here.◦
-

1. Double-click the printer driver, click "Install" in the pop-up installation interface.



2. If an authentication dialog box such as "Installing or removing software requires your authentication" pops up

during the installation process, please enter the password of the computer system (usually the power-on password), click "OK" and click "Install" again to proceed to the next step.



3. After the progress bar is completed, the interface prompts "Installation successful", click "Finish" to complete the printer driver installation successfully.



2.3.2.2 Terminal Command Installation

1. Start the Terminal
 - Right-click the blank space of the folder where the driver is located to open the terminal.
 - Use the shortcut key "Ctrl+Alt+T" to open the terminal and enter the path of the folder where the driver is located.
2. Enter "whoami" in the terminal and press Enter to view the current user name. If it shows that the user is root, it means that the user already has administrator privileges. If it shows that it is not "root", please enter "su". After pressing the Enter key, the terminal will prompt "Please enter the password:", enter the administrator password (when entering the password, the terminal There will be no prompt), press Enter to switch to root authority.

```
toecfax@toecfax-PC:~/Desktop$ whoami
toecfax
toecfax@toecfax-PC:~/Desktop$ su
请输入密码:
验证成功
root@toecfax-PC:/home/toecfax/Desktop# █
```

 When entering the password, the terminal will not give any prompt.

3. Install the driver using the command "dpkg -i [driver name]".

Enter "dpkg -i com.toec.toeca4series_2.6-0_amd64.deb" in the terminal, and press Enter to wait for the driver installation.

 The driver name is subject to the actual driver, and the driver name used here is only used as the display object of the installation process.

```
toecfax@toecfax-PC:~/Desktop$ whoami
toecfax
toecfax@toecfax-PC:~/Desktop$ su
请输入密码:
验证成功
root@toecfax-PC:/home/toecfax/Desktop# dpkg -i com.toec.toeca4series_2.6-0_amd64.deb █
```

4. If "finished ok" appears in the terminal installation details and no error is reported, it means that the driver installation is complete.

```

toecfax
toecfax@toecfax-PC:~/Desktop$ su
请输入密码：
验证成功
root@toecfax-PC:/home/toecfax/Desktop# dpkg -i com.toec.toeca4series_2.6-0_amd64.deb
(正在读取数据库 ... 系统当前共安装有 236967 个文件和目录。)
准备解压 com.toec.toeca4series_2.6-0_amd64.deb ...
正在解压 com.toec.toeca4series (2.6-0) 并覆盖 (2.6-0) ...
TOEC A4 Series dirver remove ok
正在设置 com.toec.toeca4series (2.6-0) ...
Check sane /etc/sane.d/dll.conf
      search string toecmpseries
Not found name
insert toecmpseries to dll.conf
finished ok
正在处理用于 desktop-file-utils (0.23-4) 的触发器 ...
正在处理用于 bamfdaemon (0.5.4.1-1+eagle) 的触发器 ...
Rebuilding /usr/share/applications/bamf-2.index...
正在处理用于 mime-support (3.62) 的触发器 ...
正在处理用于 man-db (2.8.5-2) 的触发器 ...
root@toecfax-PC:/home/toecfax/Desktop#

```

2.3.3 Add Printer

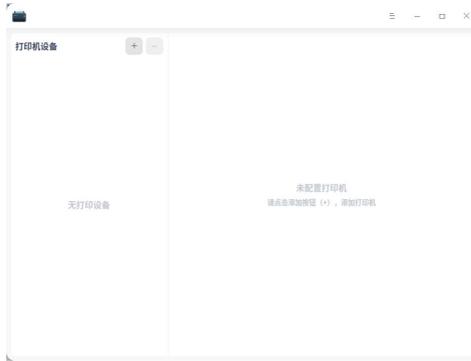
There are two ways to add a printer: "Add a local printer" and "Add a network printer", which respectively represent the two transmission methods of usb and network net. Next, the printer addition of the two transmission methods will be described in turn.

2.3.3.1 Add local printer

1. Union Tech UOS System

(1) Start "Print Manager".

Click  (Start) > Print Manager



(2) Click the  button to enter the Add Printer dialog box.

The system will automatically find and list the currently connected AS-MFP1030DNW printers.



 If the AS-MFP1030DNW printer is not listed in the current dialog box, you need to manually click the  button on the right to search manually.



If the printer still cannot be found, please check whether the usb cable is connected normally or check whether the printer is powered on. If the above methods cannot solve the problem, please contact the sales or after-sales personnel of ASTA.

(3) Select "TOEC AS-MFP1030DNW (use usb protocol)".

At this time, "TOEC AS-MFP1030DNW, 1.0 (recommended)" will be displayed in the driver column below, indicating that the computer has been matched to the AS-MFP1030DNW printer. Click "Install Driver" below to proceed to the next step.

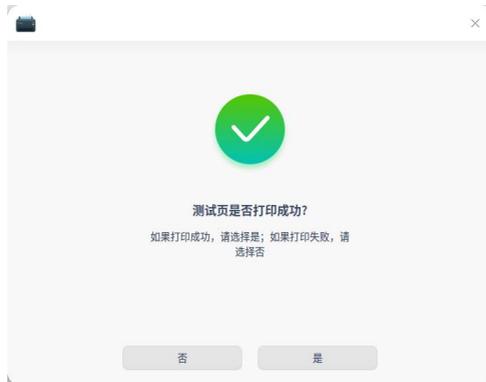


(4) Click "Print Test Page".

The printer starts to work and prints out the "Print Test Page".



(5) If the printer prints a test page normally, select "Yes".

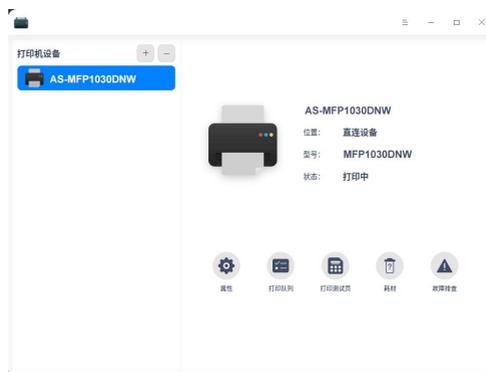


- If the printer does not print a test page normally, select "No".
-



Users can click "Troubleshooting" to check the problem, and reinstall the driver after solving the problem, or click "Reinstall" to install the driver again. If the above methods cannot solve the problem, please contact the sales or after-sales personnel of ASTA.

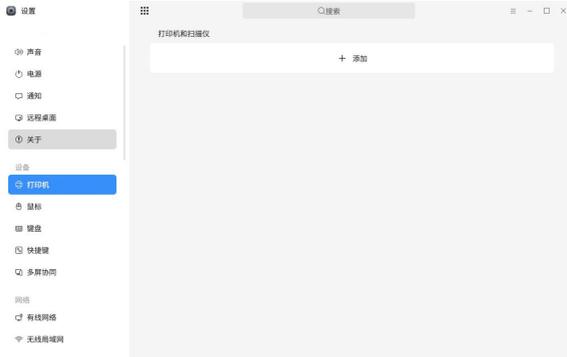
- (6) After adding successfully, the "Printer Device" list will display the currently added printer device.



2. Kirin V10 (SP1) System

(1) Start “Print Manager”.

Click **Setting > Device > Printer**



(2) Click “Add”.

Enter the management interface of adding a new printer. Select “TOEC AS-MFP1030DNW” in the device list, and click “Forward”.





 If there is no AS-MFP1030DNW option in the list, please check whether the usb is connected normally.

(3) Click "Forward" to proceed to the next step.



(4) Click “Apply ”to proceed to the next step.

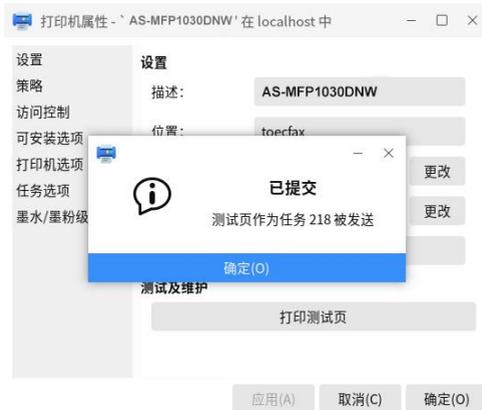


(5) Click "Print Test Page".

And then the printer starts to work and prints out a "print test page".



(6) Click“OK” to close the submitted dialog.



(7) Click "OK" to close the printer properties dialog box.



(8) After adding successfully, the printer device list will display the currently added printer device.



已连接 localhost

2.3.3.2 Add Network Printer

1. Union Tech UOS System

(1) AS-MFP1030DNW printer set IP address information.

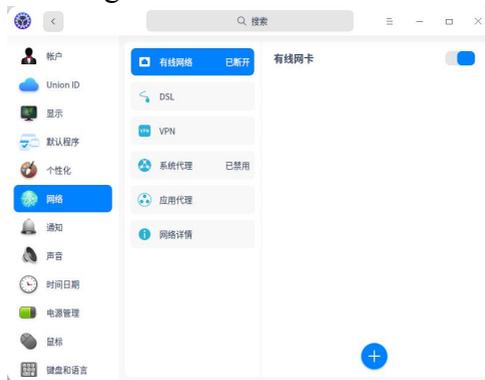
(Refer to the network settings in section 4.3.2.3), the default setting information is as follows:

IP	192.167.17.100
Subnet Mask	255.255.255.0
Gateway	192.167.17.1

(2) Add “wired network” on the computer side.

- Go to “Wired Network ”settings

Click  (Setting) >  Network > Wired Network.



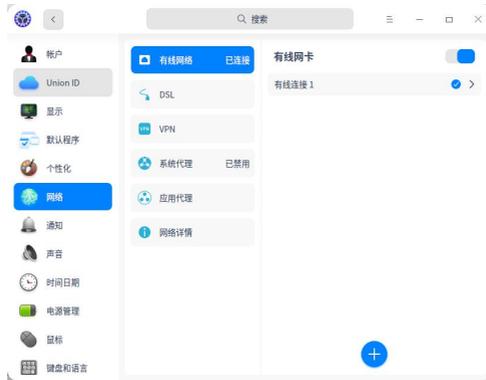
(3) Click  button.

Set the “Method” of IPV4 to “Manual”, and fill in the three IP address information of “IP Address”, “Subnet Mask” and “Gateway”. The currently filled IP address information defaults as shown in the figure below.



 The computer setting network IP address should belong to the same network segment as the printer IP address, and the IP of other devices in the LAN should not conflict with the printer IP.

(4) Click "Save" and click to connect to the current network.



(5) Start the "Print Manager".

Click  (Start) > Print Manager.

(6) Click  button.

Enter the Add Printer dialog box, the system will automatically search for network printers and list the currently connected AS-MFP1030DNW printers.



If the network printer cannot be found in the "Select Printer" list, click "Manual Search" and enter the IP address of the printer in the address bar on the right (default IP: 192.167.17.100).



(7) Select the network printer.

"AS-MFP1030DNW (192.167.17.100) (using socket protocol)" or Unknown (using socket protocol), if the system pops up a prompt box of "The driver has been matched, please try again after connecting to the Internet", click "OK" to close the prompt box.



(8) Click "Next".



(9) Select Manufacturer and Device Information.

According to the prompts, select the manufacturer "Toec", the model "AS-MFP1030DNW", and the driver "TOEC AS-MFP1030DNW, 1.0". Click "Install Driver" when finished.



(10)Click "Print Test Page".

At this time, the printer starts to work and prints out a "print test page".



(11) If the printer prints a test page normally, please select "Yes".



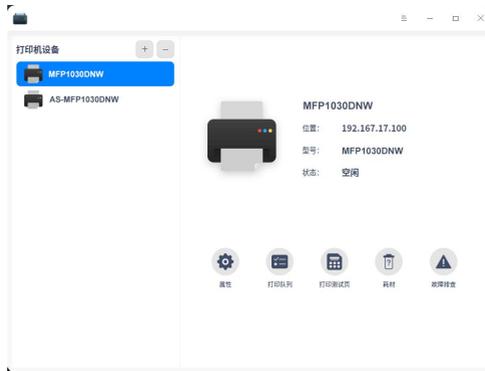
- If the printer does not print a test page normally, please select "No".



Users can click "Troubleshooting" to view the problem, and reinstall the driver after solving the problem, or click "Reinstall" to install the driver again. If the above methods cannot solve the problem, please contact the sales

or after-sales personnel of ASTA.

(12) After adding successfully, the "Printer Device" list will display the currently added printer device.



2. Kirin V10 (SP1) System

(1) AS-MFP1030DNW printer set IP address information.

(Refer to the network settings in section 4.3.2.3), the default setting information is as follows:

IP 192.167.17.100

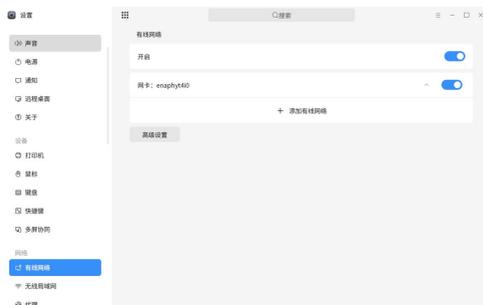
Subnet Mask 255.255.255.0

Gateway 192.167.17.1

(2) Add "wired network" on the computer side.

- Go to "Wired Network" settings

Click  (Start) >  (Setting) > Net work > Wired Network.



(3) Click "Add Wired Network".

Set the wired network parameters, the default parameters are shown in the figure below.

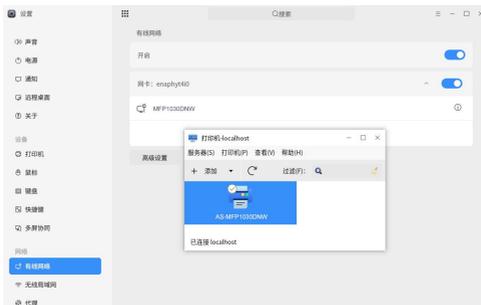


 The computer setting network IP address should belong to the same network segment as the printer IP address, and the IP of other devices in the LAN should not conflict with the printer IP.

(4) Click "Confirm" and click to connect to the current network.



(5) Start the "Print Manager", click "Add" to enter the Add New Printer dialog box.
Click Setting > Device > Printer > Add.



(6) Click to open "Network Printer" and select "AS-MFP1030DNW" (192.167.17.100)". Click "Forward".



If the network printer cannot be found in the device list, click "Find Network Printer", enter the IP address of the printer (default printer IP: 192.167.17.100) in the host address bar on the right, and click "Search" to find the network printer will appear in the list on the left.



(7) If an authentication dialog box pops up, click Cancel or Close.



(8) Select "TOEC" and click "Forward".



(9) Select "AS-MFP1030DNW" and click "Forward".



(10) Click "Forward" to proceed to the next step.

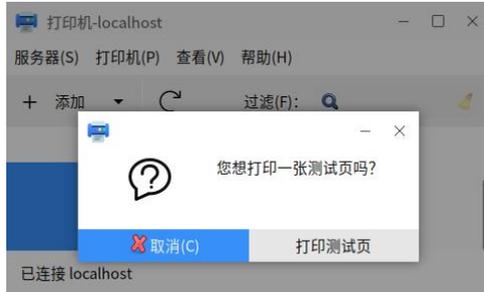


(11) Click "Apply" to proceed to the next step.

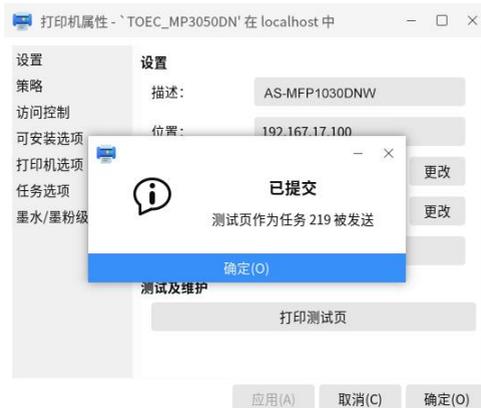


(12)Click "Print Test Page".

And then, the printer starts to work and prints out a "print test page".



(13)Click OK to close the “Submitted dialog”.



(14)Click "OK" , close the printer properties dialog box.



(15)After adding successfully, the printer device list will display the currently added printer device.



2.3.4 Uninstall the Driver

There are two common ways to uninstall the driver, and the two uninstalling methods will be described in turn.

- Remove from start menu

Find "TOEC A4 All-in-One Startup Tool" in the start menu, click the right mouse button and select "Uninstall", and select "OK" in the pop-up dialog box to complete the driver uninstall.

- Remove from terminal

1. Start the terminal

Refer to Section 2.3.2.2 (terminal command installation) for the startup method, and enter the root authority.

```
toecfax@toecfax-PC:~/Desktop$ su
请输入密码:
验证成功
root@toecfax-PC: /home / toecfax/Desktop#
```

2. Query installed drivers.

Enter the command "dpkg -l|grep toec" and press the Enter key to query the AS-MFP1030DNW driver name.

 The driver name is based on the driver name actually queried by the system, and the driver name used here is only for display during the installation process.

```
toecfax@toecfax-PC:~/Desktop$ su
请输入密码:
验证成功
root@toecfax-PC:/home/toecfax/Desktop# dpkg -l|grep toec
ii com.toec.toeca4series 2.6-0 amd64
Driver for TOEC A4 Series
root@toecfax-PC:/home/toecfax/Desktop#
```

3. Uninstall the driver.

Use the terminal command "dpkg --purge [driver name]". Enter "dpkg --purge com.toec.toeca4series" in the terminal, press Enter and wait for the uninstall to complete.

```
toecfax@toecfax-PC:~/Desktop$ su
请输入密码:
验证成功
root@toecfax-PC:/home/toecfax/Desktop# dpkg -l|grep toec
ii com.toec.toeca4series 2.6-0 amd64
Driver for TOEC A4 Series.
root@toecfax-PC:/home/toecfax/Desktop# dpkg --purge com.toec.toeca4series
(正在读取数据库... 系统当前共安装有 236858 个文件和目录。)
正在卸载 com.toec.toeca4series (2.6-0) ...
TOEC A4 Series driver remove ok
正在清除 com.toec.toeca4series (2.6-0) 的配置文件 ...
TOEC A4 Series driver remove ok
dpkg: 警告: 卸载 com.toec.toeca4series 时, 目录 /usr/local/share 非空, 因而不会删除该目录
dpkg: 警告: 卸载 com.toec.toeca4series 时, 目录 /usr/lib/sane 非空, 因而不会删除该目录
dpkg: 警告: 卸载 com.toec.toeca4series 时, 目录 /opt/toec 非空, 因而不会删除该目录
正在处理用于 desktop-file-utils (0.23-4) 的触发器 ...
正在处理用于 bamfdaemon (0.5.4.1-1+eagle) 的触发器 ...
Rebuilding /usr/share/applications/bamf-2.index...
正在处理用于 mime-support (3.62) 的触发器 ...
root@toecfax-PC:/home/toecfax/Desktop#
```

If "TOEC A4 Series driver remove ok" appears in the uninstall details and no error is reported, it means that the driver uninstall is complete.



- After the driver is uninstalled, the "Printer Device" list in the print manager will not be uninstalled together with

the driver, and the printer device added by the driver needs to be deleted manually.

- In the print manager, select the printer device to be deleted, and click the button to delete.

2.3.5 Troubleshooting and Support

2.3.5.1 Inconsistent Operating Procedures

The systems involved in this section are Union Tech UOS "Professional Edition (1050)" and Kirin SP1 "2203 (V10SP1)". If you have any questions, please contact the system provider or the sales or after-sales personnel of ASTA.

2.3.5.2 The system automatically adds a local printer problem

After installing the driver for some versions of the computer operating system, the print manager will automatically add a local printer. This phenomenon is related to the operating mechanism of the computer operating system and is normal.

The automatically added local printer can be used normally. If the automatically added local printer already exists in the print manager, there is no need to add the local printer again.

2.3.5.3 Print Manager Finds Printer Problems

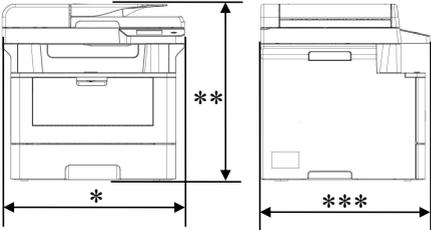
When the driver is not installed on the computer, relevant printers (including local printers and network printers) can be found in the print manager. This phenomenon is related to the operating mechanism of the computer operating system and is a normal situation of the system.

2.3.5.4 Precautions for setting IP

The IP of other PCs in the LAN should not conflict with the IP of the printer. If there is a conflict, the print manager cannot add the printer or the printer cannot establish network communication with the computer.

3.Product Specification

3.1 General Specifications

Printer Model		AS-MFP1030DNW
Printing Method		Laser Printing
Memory		256MB
Power Supply		AC 220 (1±10%) V , 50Hz±1HZ
Power Consumption	Rated Power	About 950W
Size		 <p>Unit: mm * 415 ** 400 *** 385</p>
Weight(Including Consumables)		About 14.5kg
Noise	Work	≤58dB (A)
Temperature	Work	10℃ ~ 32℃
	Storage	0℃ ~ 40℃
Humidity	Work	20%RH ~ 80%RH (No Condensation)
	Storage	35%RH ~ 85%RH (No Condensation)

3.2 Print media specification

Paper Input	Carton (Standard)	Paper Type	Plain paper
		Paper Size	A4、 A5、 A6、 B5(JIS)、 B6(JIS)、 16K、 Letter、 32K
		Paper Weight	70 ~ 90 g/m ²
		Maximum Paper Capacity	Up to 250 sheets of 70 g/m ² plain paper
	Manual Paper Feeding	Paper Type	Plain paper, thin paper, thick paper
		Paper Size	A4、 A5、 A6、 B5(JIS)、 B6(JIS)、 16K、 Letter、 32K
		Paper Weight	60 ~ 120 g/m ²
		Maximum Paper Capacity	Manual feed 1 page
Paper Output	Paper Outlet	Up to 100 sheets of 70 g/m ² plain paper (output from the front down to the paper outlet)	
Duplex Print	Automatic Double-sided Print	Paper Type	Plain paper, recycled paper, thin paper, thick paper
		Paper Size	A4
		Paper Weight	70 ~ 90 g/m ²

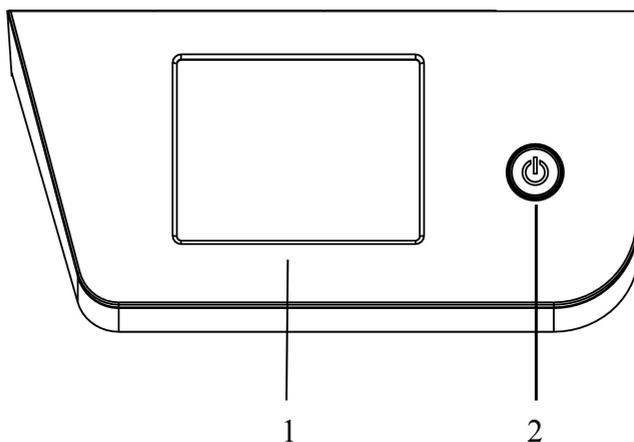
3.3 Print specification

Automatic Duplex Printing		Yes
Simulation Language		GDI
Resolving Power		Up to 600 dpi
Printing Speed	Single-Sided Printing	30 ppm
	Duplex Printing	15 ipm
First Page Printing Time		Up to 8 seconds

4.General Information

This chapter will introduce the status information of the operation panel and LCD of the product.

4.1 Operation Panel Overview



1. Touch type (LCD)

Access the menus and options displayed on the touchscreen by pressing them.

2. Power switch

Press  to power on the device.

Press and hold  to power off the device.

4.2 Touch LCD Overview

Function Screen

The Functions screen is used to access various functions such as copying and scanning.



1. Model

-  [Copy]

Press this button to enter copy mode

-  [Scan]

Press this button to enter scan mode

-  [2 in 1 ID Card Copy]

Press this button to enter 2 in 1 ID Card Copy mode

2.  (Toner)

Displays the remaining life of the toner cartridge. Press to access the [Toner] menu.

3.  (Setting)

Press to access the [Setting] menu.

4.3 Function Introduction of Touch LCD

Screen

Important Matters

Never press the LCD screen with a sharp object such as the tip of a pen or a stylus, as this may damage the device.

Do not touch the LCD screen immediately after plugging in the power cord or turning on the device's power switch, as doing so may cause errors.

1. Press  [Setting]
2. Enter [All Settings]

4.3.1 General Settings

4.3.1.1 Tray Settings

1. Press  [Setting]>[General Setting]>[Tray Setting]

2. There are [Paper Type] and [Paper Size] options, select the desired option.
3. Press  to return to the previous level or press  to return to the home page.

4.3.1.2 Volume

1. Press  [Settings]>[General Settings]>[Volume].
2. Select [ON], [OFF] to set whether to enable the sound effect.
3. Press  to return to the previous level or press  to return to the home page.

4.3.1.3 LCD Display Settings

1. Press  [Settings] > [General Settings] > [LCD Settings].
2. Select [Backlight Brightness], there are three modes: [Light], [Medium], [Dark].
Press  to go up one level or  to go home.

4.3.1.4 Ecological Energy Saving

1. Press  [Settings] > [General Settings] > [Eco Energy Saving] > [Sleep Time] to select the sleep time.

2. Press  [Settings] > [General Settings] > [Ecological Energy Saving] > [Automatic Shutdown] to select the automatic shutdown time.
3. Press  to return to the previous level or press  to return to the home page.

4.3.2 Device Information

4.3.2.1 Serial Number

1. Press  [Settings]>[Device Information]>[Serial Number] to check the device serial number information.
2. Press  to return to the previous level or press  to return to the home page.

4.3.2.2 Firmware version

1. Press  [Settings]>[Device Information]>[Firmware Version] to check the device firmware version.
2. Press  to go back one level or press  to go home

4.3.2.3 Network

1. Press  [Settings]>[Device Information]>[Network], select [Network Settings], you can set [DHCP], [SNMP], [UDP] switches.

2. Press  [Settings]>[Device Information]>[Network], select [Network Information], you can view the device network information, and you can also change the IP, subnet mask, and gateway of the device.

After the network information is changed, it is recommended to restart the device to make the changes take effect.

3. Press  to return to the previous level or press  to return to the home page.

4.3.2.4 Part life

1. Press  [Settings] > [Device Information] > [Parts Life] to check the life of the toner cartridge, OPC life of the toner cartridge and the number of printed pages.

2. Press  to return to the previous level or press  to return to the home page.

4.3.3 Initial Settings

4.3.3.1 All Settings

1. Press  [Settings]>[Initial Settings]>[Reset].

2. Select [All Settings], prompt "The device will restart after reset, press OK for 2 seconds to confirm", select [OK] or [Cancel].
3. Press  to return to the previous level or press  to return to the home page.

4.3.3.2 Restore Factory Settings

1. Press  [Settings]>[Initial Settings]>[Reset].
2. Select [Restore Factory Settings], prompt "The device will restart after reset, press OK for 2 seconds to confirm", select [OK] or [Cancel].
3. Press  to return to the previous level or press  to return to the home page.

5. Paper Handling

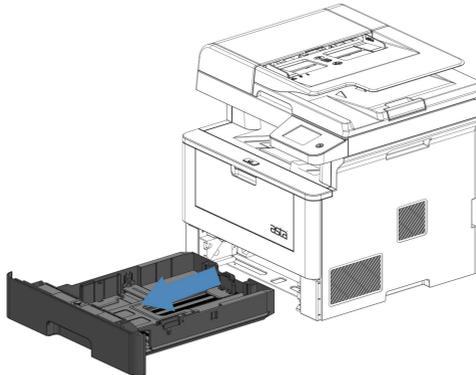
This chapter will introduce a series of settings such as paper type and paper loading method supported by this product.

5.1 Load Paper

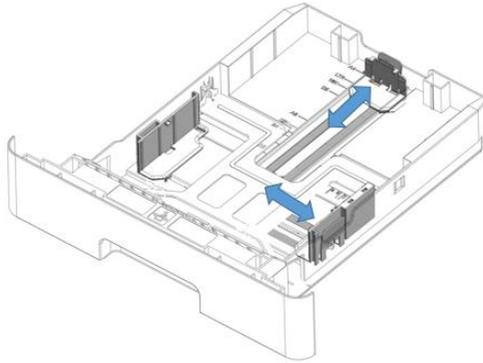
5.1.1 Load Trays

When loading paper of other sizes in the paper tray, you must also change the paper size settings in the device or on the computer.

1. Pull the tray completely out of the device.

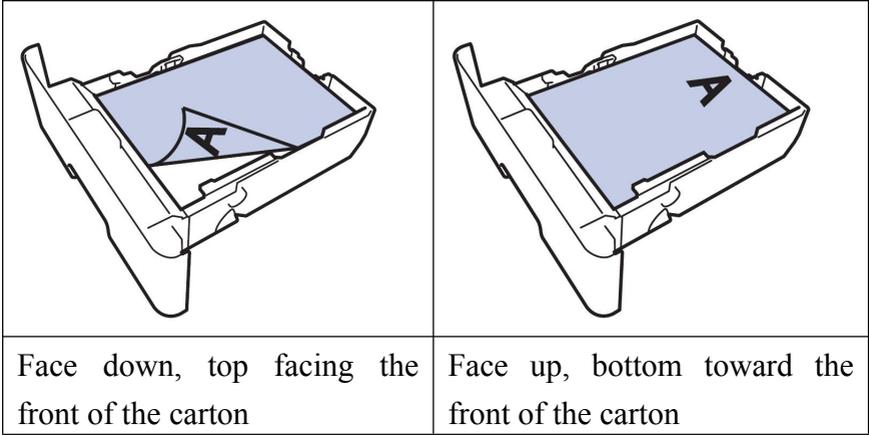


2. Press and slide the bin adjustment baffle to adjust to the size of the paper used.



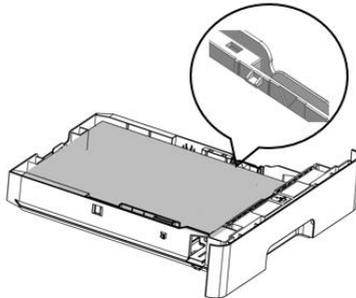
3. Fully unfold the stacked paper.
4. Load the paper into the tray with the printing side down.
When using letterhead paper or preprinted paper, load the paper in the correct direction as shown in the illustration.

Single-sided printing	Duplex printing
-----------------------	-----------------



Do not place paper of different sizes in the paper tray at the same time, otherwise it may cause paper jam or paper feeding error.

5. Make sure that the paper is under the maximum paper capacity mark (▼). Paper jam will occur if the paper tray is too full.



6. Slowly push the tray fully into the device.

7. Open the paper receiving tray to prevent the paper from slipping from the paper outlet.

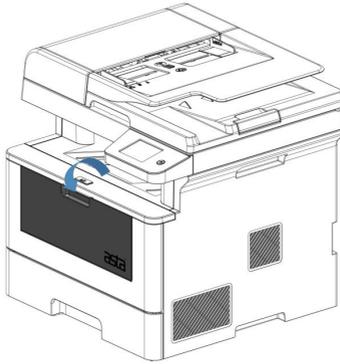


8. Send the print job to the device.

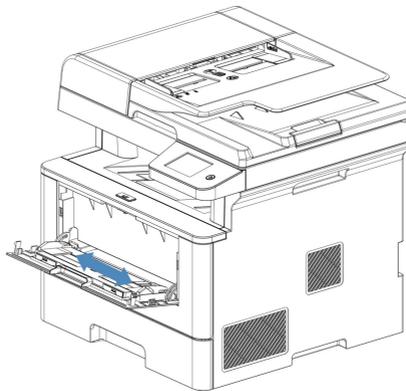
5.1.2 Loading The Manual Feed Tray

When loading other sizes and types of paper in the manual feed tray, you must also change the paper size and paper type settings in the device or on the computer.

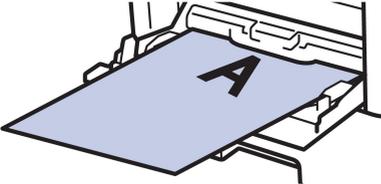
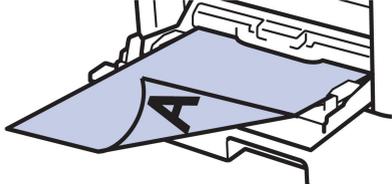
1. Open the manual feed tray and gently lower it.



2. Slide the guide of the manual feed tray to adjust the width of the paper used.



3. Load the paper into the manual feed tray with the printing side up. When using letterhead paper or pre-printed paper, load the paper in the correct direction as shown in the illustration.

Single-sided printing	Duplex printing
	
Face up, top first	Face down, bottom first

4. Open the paper receiving tray to prevent the paper from slipping from the paper outlet.

5. Send the print job to the device.

5.2 Paper Setting

5.2.1 Change Paper Size and Paper Type

When loading other sizes and types of paper in the paper tray or manual feed tray, you must change the paper size and paper type settings on the LCD screen at the same time.

- Change paper size

1. Click  [Settings] on the home page to enter all settings interface.
2. Press [General Settings]>[Paper Tray Settings]>[Paper Size].
3. Modify the paper size of the manual feed tray and paper box accordingly as required.
4. Press  to return to the previous level or press  to return to the home page.

- Change paper type

1. Click  [Settings] on the home page to enter all settings interface.
2. Press [General Settings]>[Paper Tray Settings]>[Paper Type].
3. Modify the paper type of the manual feed tray as required.
(Special paper sizes are only available on the manual feed tray)

4. Press  to return to the previous level or press  to return to the home page.

5.2.2 Use special paper

The sample paper must be tested before purchase to ensure the ideal printing effect.

- Do not use inkjet paper, as this paper may cause paper jam or damage the equipment.

- If coated paper, rough paper, wrinkled or creased paper is used, the print quality may be reduced.

Keep the paper in its original packaging and seal it. Keep the paper flat and avoid moisture, direct sunlight and heat.

Important matters

Some types of paper may not work properly or may damage the device.

Do not use the following paper:

- Paper with excessive thread flow
- Very smooth or shiny paper
- Curled or warped paper
- Coated paper or chemically treated paper
- Broken, creased or folded paper

- Paper exceeding the weight specifications recommended in this manual

- Paper with labels or staples

- Letterhead paper with low-temperature dyeing or hot-melt printing

- Multi-layer paper or carbonless paper

- Inkjet printing paper

If any of the above types of paper is used, the equipment may be damaged. The resulting damage is not within the scope of warranty service of ASTA.

6.Print Job

6.1 Windows Print Job

Before printing documents, read the first five chapters and install the printer driver.

Take Microsoft 2007 Word under Windows 7 operating system as an example to introduce how to use a printer to print documents.

6.1.1 启动打印机

1. Confirm that the power cable and USB cable are connected correctly.
2. Start the computer. To install the printer driver, see "2.2 Driver Installation Instructions".
3. Turn on the printer power switch. The status indicator and alarm indicator flash once, and the printer enters the standby state.



Please make sure to start the computer before starting the printer, otherwise the computer may not recognize

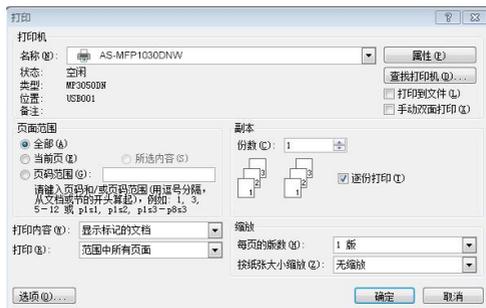
the printer. If the computer does not recognize the printer, please restart the printer or plug the USB cable again.

6.1.2 Print Document

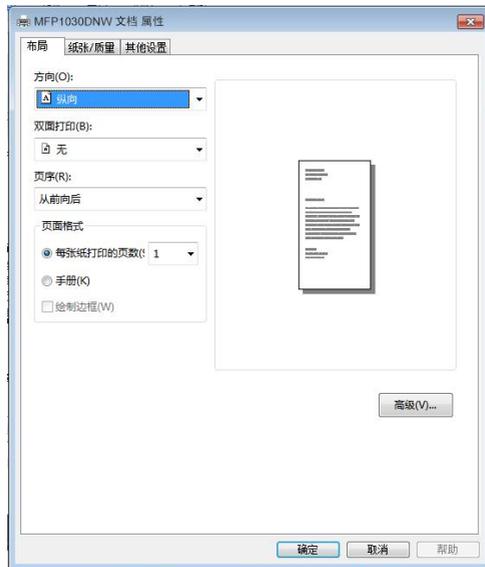
1. Select the Print option from the File menu.



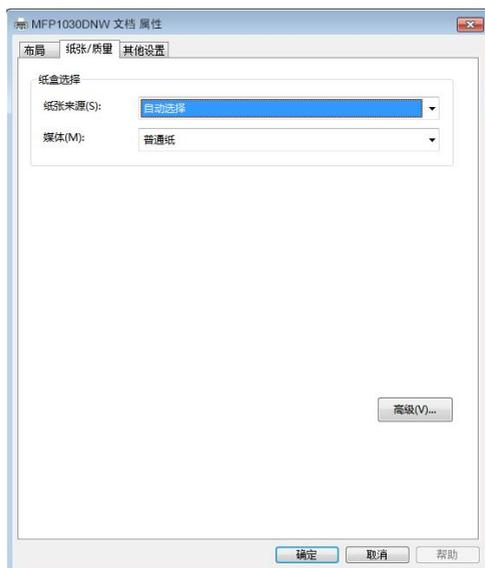
2. In the “Print” dialog box, click the “Name” drop-down list box and select AS-MFP1030DNW.



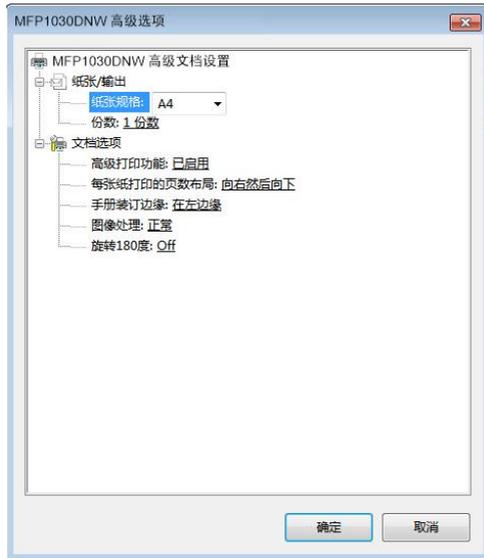
3. Make sure you have the correct size of paper in the tray.
4. Select the desired print page in the page range.
5. Enter the required number of copies (1~999) in the number field.
6. Select the scaling scale, version number, etc. in the scaling selection.
7. Select the printing direction and whether to print on both sides in Properties - Layout.



8. Select the source and type of paper in Properties - Paper/Quality.



9. Select the paper size, print resolution and other information in Properties - Advanced



10. Change other printer settings if necessary.

11. Click OK.

12. Complete the print operation.

6.1.3 Print Settings

6.1.3.1 Basic Option



1. Name

Select the printer driver used to distribute the print job to the specified printer according to customer requirements.

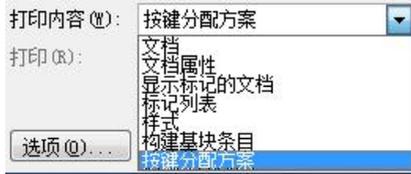
2. Page Range

All: print the entire document (including blank pages).

Current page: print the page displayed on the screen.

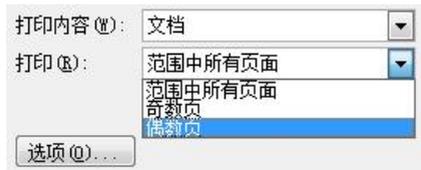
Page range: enter the required number of pages to be printed in the blank space, and issue the specified page number printing job.

3.Print Content



Classify and print out the different information of this document.

4.Print



Print the page numbers of the entire document according to all pages, odd pages, and even pages in the range.

5.Number of Copies

Enter the number of copies you want to print (1~999) in this field.

6.Collate

Select this option to print multiple multi-page documents in the original page order. When this option is selected, a complete copy will be printed, and then repeated according to the number

of copies you selected. If this option is not selected, each page will be printed repeatedly according to the set number of copies.

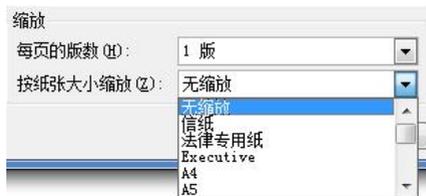
7.Zoom

Select these options to reduce the page size of the document.

8.Number of pages per page

Scale and print according to version 1, 2, 4, 6, 8 and 16 of each paper.

9.Scale to paper size



Scale and print according to different types of paper.

6.1.3.2 Properties Layout

1. Orientation



Select the direction of the printout (portrait or landscape).

2. Print on Both Sides



Select whether to print on both sides, and select whether to flip the printed paper from the long side or from the short side.

6.1.3.3 Properties - Paper/Quality

1. Paper source



Select the paper source setting according to the printing conditions or intention.

2. Media



Select the type of media you want to use. For best printing results, the device automatically adjusts the print settings based on the selected media type.

6.1.3.4 Properties - Other Settings

1. Zoom options



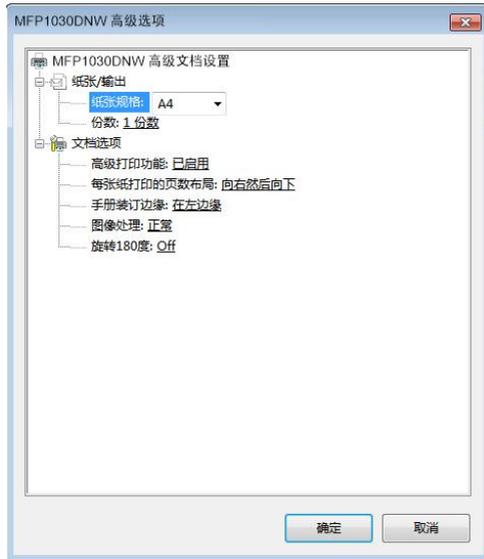
Adjust the page size by adjusting the zoom ratio.

2. Watermark



Watermark printing can be set here.

6.1.3.5 Advanced Document Settings



1. Paper size

Select the paper type.

2. Copies

Set the number of printed copies.

3. Image processing

High quality printing can be started here.

4. Rotate 180 degrees

Select this function to rotate the printed content by 180 degrees.

6.1.4 Check printing status

During the printing process, there are two ways to check the printing status: check the real-time printing status through the print monitoring that comes with the print driver, or enter the system's printer queue service to check.

1. View print monitoring

AS-MFP1030DNW printer has its own print monitoring function, which can monitor the printing status in real time and give real-time feedback to the user.

After installing the status monitoring software on the Windows system, it will start automatically after booting, select AS-MFP1030DNW status monitoring in the lower right corner, and click to pop up the application interface.



2.View printer queue

Click (Start) > Printers > Printer Properties.

-
- ⚠ Some systems do not have a [Printer] option in the [Start] menu. You need to enter the system's [Control Panel] in the [Start] menu, and then click [Printers] to enter the printer property management interface.
-

After entering the printer properties management interface, select our printer "AS-MFP1030DNW", click "Printer (p)" on the top and click "View Print Queue" in the submenu to view the print queue. The printer queue will list the jobs printed by this printer, and also reflect some basic information of the print job: task number, document name, printer used, document size, submission time and printing status.



Click to select the print job you want to view, right-click and select "View Properties" to view the detailed information of the print job.

6.1.5 Cancel The Print Job

Press "Clear" to cancel the current print job.

6.2 Linux Print Job

Before using the automatic double-sided laser printer to print documents, please read the first five chapters and install the printer driver. The following takes the Kirin V10SP1 operating system platform as an example to introduce how to use the printer to print documents.



The printing process is the same between different systems and will not be introduced here.

6.2.1 Enable Printer

1. Confirm that the power cable and USB cable are connected correctly.
2. Start the computer. To install the printer driver, see "Driver Installation Instructions".
3. Turn on the printer power switch. The status indicator and alarm indicator flash once, and the printer enters the standby state.

-
- ⚠ Please make sure to start the computer before starting the printer, otherwise the computer may not recognize the printer. If the computer does not recognize the printer, please restart the printer or plug the USB cable again.
-

6.2.2 Print A Document

Since the print setting interfaces of different documents may be different under the Linux system, two common interfaces are used as examples to introduce how to use the printer to print documents.

-
- ⚠ Different types of documents and different systems will have slightly different print setting interfaces, but the basic functions of the printer are the same. Please make your judgment based on the actual situation.
-

6.2.2.1 Word Document Printing

This type is suitable for printing word, ppt, and excel documents. Since different systems may open these three types of software differently, in order to have a better user experience and better printing results, please use WPS to open these three types of software.

1.Document Printing

Open the document and select the “Print”option from the “File” menu. Or use the print shortcut key "Ctrl+P" to enter the document's print settings interface.



In the [Printer] column, you can click the drop-down list on the right in the "Name" column to select the printer

"AS-MFP1030DNW". The "Status", "Type", "Position" and "Remarks" on the lower side reflect some information parameters of this printer.

Click [Properties] to set the printing properties. The specific settings will be described in detail below.



[Properties] The "Double-sided Printing", "Reverse Printing" and "Print to File" options below are WPS software's own functional options. In order not to affect your normal printing effect, please do not check them.

In the [Page Range] column, you can set the page range of the print job: you can print all text, the current page, and you can also set the print range yourself.

In the [Copy] column, you can adjust the number of copies of the print job and set collated and non-collated.

In the [Parallel and Zooming] column, you can set the number of editions (1, 2, 4, 6 editions per page, etc.) and paper size scaling (A4, B5, 16K, etc.) for the print job.

After the settings are completed, click [OK] in the lower right corner to print the job.

2.[Properties] Settings

Click the [Properties] option in the upper right corner to enter the printer property settings.



[Paper Size], double-click the menu on the right side of the paper size, a drop-down menu of paper size will appear, and you can modify the paper size according to your printing needs.

[Resolution], double-click the menu on the right, and a drop-down menu of resolution will appear. You can select the resolution according to your printing needs. The higher the resolution, the better the printing effect; the lower the resolution, the higher the printing speed.

[Color Mode], the color mode is only black and white mode, there are no other options.

[Image Zoom], double-click the right menu, and a drop-down menu will appear. You can select the scaling percentage according to your printing needs.

[Image Adjustment], double-click the right menu, and a drop-down menu will appear. You can adjust the image color depth according to printing needs, including no processing, light, lighter, normal, darker, and darker.

[Tray Selection], double-click the menu on the right, and a drop-down menu of paper size will appear. You can modify the input tray according to printing needs.

[Media Type], double-click the menu on the right, a drop-down menu will appear, and you can modify the printing media according to your printing needs. For best printing results, the device automatically adjusts print settings based on the selected media type.

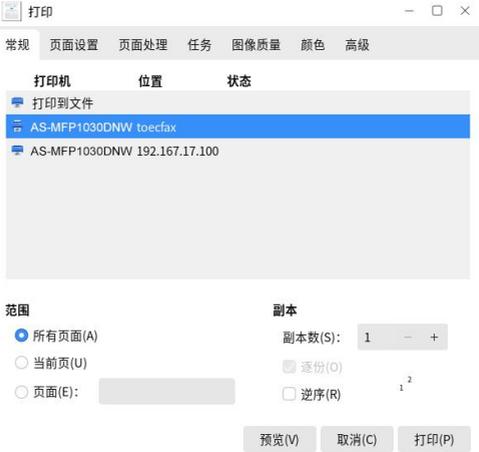
[Double-sided Printing], double-click the menu on the right, and a drop-down menu of double-sided printing settings will appear. You can set single- and double-sided settings according to printing needs.

[Watermark Mode], double-click the menu on the right, a drop-down menu of watermark mode settings will appear, and you can choose between watermark and no watermark according to printing requirements.

6.2.2.2 PDF Document Printing

This type is suitable for printing PDF, txt, web pages and image files in different formats.

Open this PDF document with a document viewer and choose the "Print" option from the "File" menu. Or use the printing shortcut key "Ctrl+P" to enter the [Conventional] module of the document's print setting interface.



1. Conventional

In the [Printer] column, you can select our printer "TOEC-AS-MFP1030DNW" from the list.

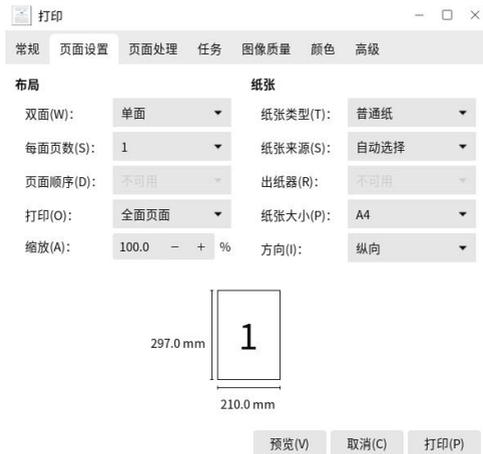
In the [Range] column, you can set the page range of the print job: you can print all text, the current page, and you can also set the print range yourself.

In the [Copy] column, you can adjust the number of copies of the print job and set collated and non-collated.

Click [Print Preview] to preview the document to be printed.

2. Page Setting: Click the [Page Setting] tab to enter the printer page setting.

In this interface, some settings of print layout and print paper can be made.



Click the menu on the right of the [Double-sided] option, and a drop-down menu for double-sided printing settings will appear. You can set single- and double-sided settings according to your printing needs. For double-sided printing, you can also choose long-edge flip and short-edge flip.

Click the menu on the right of the [Pages per side] option, and a drop-down menu for setting the number of pages per side will appear. You can select it according to your printing needs.

Click the right menu of the [Print] option, and a drop-down menu of print settings will appear. You can choose to print all pages, odd pages, or even pages according to your printing needs.

Click the arrow on the right side of the [Zoom] option to zoom the printing format.

Click the menu on the right of the [Paper Type] option, and a drop-down menu of paper types will appear. You can modify the printing media according to your printing needs. For best printing results, the device automatically adjusts print settings based on the selected media type.

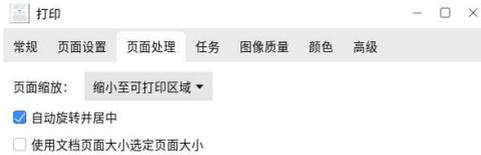
Click the menu on the right of the [Paper Source] option, and a drop-down menu for the paper source will appear. You can select the paper box according to your printing needs.

Click the menu on the right of the [Paper Size] option, and a drop-down menu of paper size will appear. You can select the appropriate paper size according to your printing needs.

Click the menu on the right of the [Orientation] option, and a drop-down menu of print settings will appear. You can select "Landscape" or "Portrait" printing according to your printing needs.

3. Page Handling: Click the [Page Handling] tab to enter this page.

There are no special requirements on this page, and generally no modification is required.



预览(V) 取消(C) 打印(P)

Note: For a better printing experience, please ensure that the "Page Zoom" option is selected to "Reduce to printable area".

4. Task: Click the [Task] tab to enter this page.

There are no special requirements on this page, and generally no modification is required.



5. Image Quality: Click the [Image Quality] tab to enter this page.

This item mainly makes simple settings for image printing quality.



The higher the resolution, the better the printing effect; the lower the resolution, the higher the printing speed.

6.Advanced: Click the [Advanced] tab to enter this page.

This interface is mainly for some settings of the printer device.



[Image Zoom], double-click the right menu, and a drop-down menu will appear. You can select the scaling percentage according to your printing needs.

[Image Adjustment], double-click the right menu, and a drop-down menu will appear. You can adjust the image color depth according to printing needs, including no processing, light, lighter, normal, darker, and darker.

6.2.3 Check Printing Status

During the printing process, there are two ways to check the printing status: check the real-time printing status through the print monitoring that comes with the print driver, or enter the system's printer queue service to check.

1. View Print Monitoring

AS-MFP1030DNW printer has its own print monitoring function, which can monitor the printing status in real time and give real-time feedback to the user.

Start Status Monitoring:  (Start) >  TOEC A4 All-in-One Printer Startup Tool > Printer Status Monitoring Tool.



Not only that, when some errors occur in the printer, the status monitoring will report the specific error types and some

simple coping methods. The color of the printer in the upper left corner will also change accordingly to remind users more eye-catching.

2. Check the Printer Queue

- Union UOS system

Click  (Start) > Print Manager > AS-MFP1030DNW > Print Queue.

The printer queue will list the jobs printed by this printer, and also reflect some basic information of the print job: task number, document name, printer used, document size, submission time and printing status.



- Kirin V10 (SP1) System

Tap  (Start) > Setting > Device > Printer and Scanner.

After entering the [Printers and Scanners] management interface, select our printer "TOEC-AS-MFP1030DNW", click [Printer] above, and select [View Printer Queue] in the

drop-down box to view the print queue. The printer queue will list the jobs printed by this printer, and also reflect some basic information of the print job: task number, document name, printer used, document size, submission time and printing status.



6.2.4 Cancel The Print Job

On the [Start] menu, click [Printer] to enter the printer properties management interface. (Some systems do not have the [Printer] option in the [Start] menu. You need to enter the system's [Control Panel] in the [Start] menu, and then click [Printers] to enter the printer property management interface.)

After entering the printer properties management interface, select the printer "TOEC-AS-MFP1030DNW(toecfax)" or "TOEC-AS-MFP1030DNW" (192.167.17.100)", then right-click and click "View Printer Queue" to enter the printer queue.

Click to select the print job you want to cancel, right-click and select "Cancel" to cancel the print job in progress or in queue. When canceled, the job's status changes to "Cancel"

In addition, for the job that has been canceled, you can also reprint it. The specific method: select the job, right-click and select "Reprint".

7.Scan Job

This chapter will introduce the instructions for using this product to scan documents. Before using the automatic double-sided laser printer to scan documents, please read the first six chapters and install the printer driver.

7.1 Scan using the scan key on your TOEC device

Send scanned documents, images or OCR documents directly to your computer.



With particular emphasis on:

During a scan on a TOEC device:

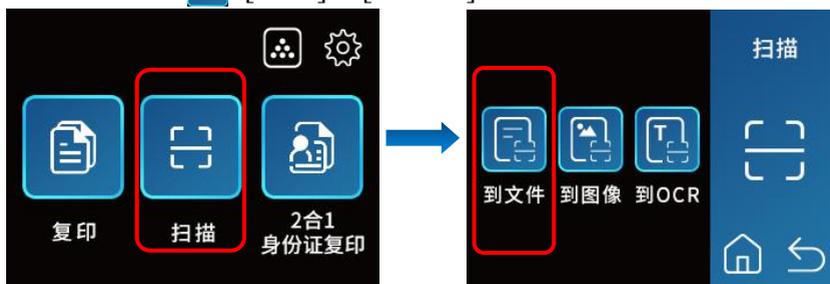
- The Windows side of the computer must keep the AS-MFP1030DNW scanning tool corresponding to the communication (USB/NET) in the starting state all the time.
 - On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.
-

7.1.1 Scan to File

Scan documents and save them in file formats such as PDF/OFD to the scan folder on your computer.

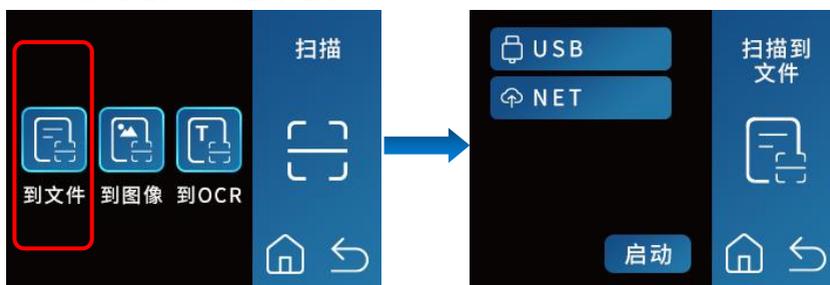
- (1) Load Originals
- (2) Select Scan to File

Click  [Scan] > [To File]



- (1) Select Communication Method

To File > USB/NET



(1) If you have specific parameter requirements for the generated file, you can set the scanning file parameters in advance through the computer scanning tool.

●Windows Scanning Tool

- 1) [Scan Type]
- 2) [Image Splitting]
- 3) [Generate PDF page by page]
- 4) [Scan mode]
- 5) [Resolution]
- 6) [Paper size]
- 7) [Brightness]
- 8) [Contrast]
- 9) [Gamma]
- 10) [File Format]
- 11) [Image Rotation]
- 12) [Automatic Cutting]
- 13) [Export Multiple Images]
- 14) [Automatic Correction]
- 15) [Delete Blank Pages]
- 16) [Save Setting]
- 17) [Overall Setting]

●Linux Scanning Tool

- 1) [Scan Mode]
- 2) [Resolution]

- 3) [Paper Size]
- 4) [Contrast]
- 5) [Brightness]
- 6) [Contrast]
- 7) [Gamma]
- 8) [Noise Optimization]
- 9) [Split]
- 10) [Rotate]
- 11) [Automatic Correction]
- 12) [Fill Inward]
- 13) [Export Multiple Pictures]
- 14) [Delete Blank Pages]
- 15) [Background Removed]
- 16) [Save Directory]
- 17) [File Name]
- 18) [Compressed]
- 19) [Save Format]

Click [Apply] to save the parameters.



- When selecting USB:

The Windows side of the computer must keep AS-MFP1030DNW Local Scanning Tool always on.

On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.

-
- When choosing NET:

The Windows side of the computer must keep the [AS-MFP1030DNW Network Scanning Tool] always in the starting state.

On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.

- ❗ If the scanning tool is not started, the control panel of the TOEC device will prompt "The scanning tool is not opened".



(2) Click [Start]

The device starts scanning, and the scanned files will be saved to the target folder of the computer-side scanning tool.

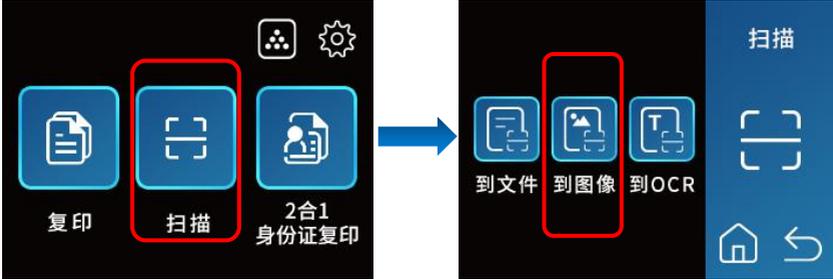
7.1.2 Scan to Image

Send scanned photos or images to your computer in image format.

(1) Load originals

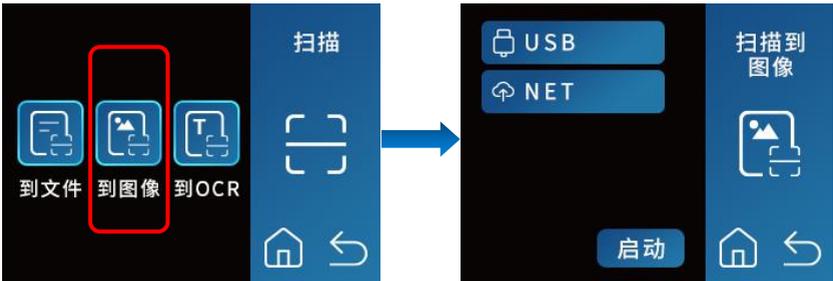
(2) Select Scan to Image

Click  [Scan] > [To Image]



(1) Select Communication Method

To Image > USB/NET



(1) If you have specific parameter requirements for the generated file, you can set the scanning file parameters in advance through the computer scanning tool.

●Windows Scanning Tool

- 1) [Scan Type]
- 2) [Image Splitting]
- 3) [Scan mode]
- 4) [Resolution]
- 5) [Paper size]
- 6) [Brightness]
- 7) [Contrast]
- 8) [Gamma]
- 9) [File Format]
- 10) [Image Rotation]
- 11) [Automatic Cutting]
- 12) [Export Multiple Images]
- 13) [Automatic Correction]
- 14) [Delete Blank Pages]
- 15) [Save Setting]
- 16) [Overall Setting]

●Linux Scanning Tool

- 1) [Scan Mode]
- 2) [Resolution]
- 3) [Paper Size]
- 4) [Contrast]
- 5) [Brightness]
- 6) [Contrast]

- 7) [Gamma]
- 8) [Noise Optimization]
- 9) [Split]
- 10) [Rotate]
- 11) [Automatic Correction]
- 12) [Fill Inward]
- 13) [Export Multiple Pictures]
- 14) [Delete Blank Pages]
- 15) [Background Removed]
- 16) [Save Directory]
- 17) [File Name]
- 18) [Compressed]
- 19) [Save Format]

Click [Apply] to save the parameters



- When selecting USB:

The Windows side of the computer must keep [AS-MFP1030DNW Local Scanning Tool] always on.

On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.

- When choosing NET:

The Windows side of the computer must keep the [AS-MFP1030DNW Network Scanning Tool] started.

On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.

-
- ❗ If the scanning tool is not started, the control panel of the TOEC device will prompt "The scanning tool is not opened".



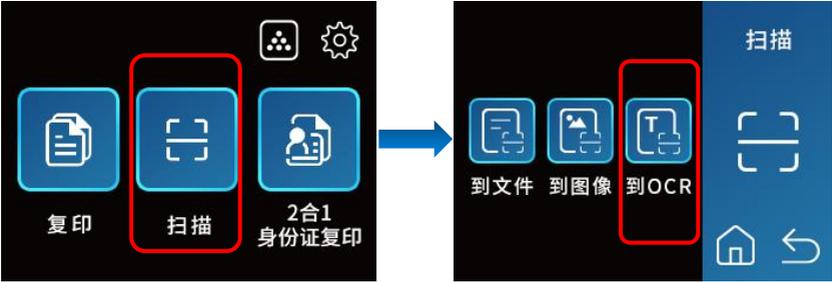
(1) Click [Start]

The device starts to scan, and the scanned image will be saved to the target folder of the scanning tool on the computer.

7.1.3 Scanning to OCR

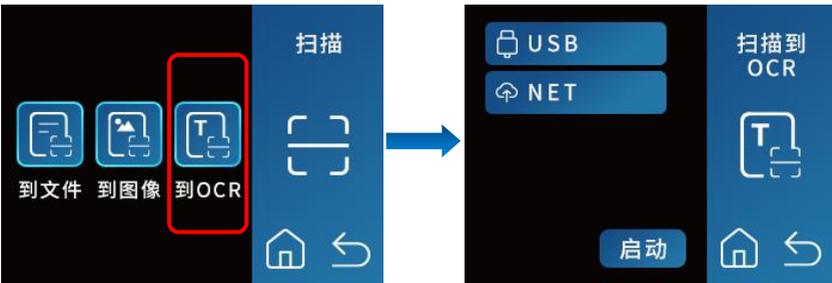
Convert characters in scanned documents to text, generate searchable document formats such as txt/PDF and save them to your computer

- (1) Load originals
 - (2) Select Scan to OCR
- Click Scan > To OCR



(1) Select communication method

To OCR > USB/NET



(1) If you have specific parameter requirements for the generated file, you can set the scanning file parameters in advance through the computer scanning tool.

- Windows scanning tool

1) [Function] Specify OCR

- 2) [File Format]
- 3) [Scan Type]
- 4) [Brightness]
- 5) [Contrast]
- 6) [Gamma]
- 7) [Save Settings]
- 8) [Auto-correction]
- 9) [Background Removed]

- Linux scanning tool

- 1) [Scan Type]
- 2)[Contrast]
- 3)[Brightness]
- 4)[Gamma]
- 5)[Save Directory]
- 6)[file Name]
- 7) [Save Format] Specify OCR

Click [Apply] to save the parameters.



- When selecting USB:

The Windows side of the computer must keep [AS-MFP1030DNWLocal Scanning Tool] always on.

On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.

- When choosing NET:

The Windows side of the computer must keep the AS-MFP1030DNW Network Scanning Tool] started.

On the Linux side of the computer, keep the "TOEC-A4 scanner program" always in the starting state.



If the scanning tool is not started, the control panel of the TOEC device will prompt "The scanning tool is not opened".

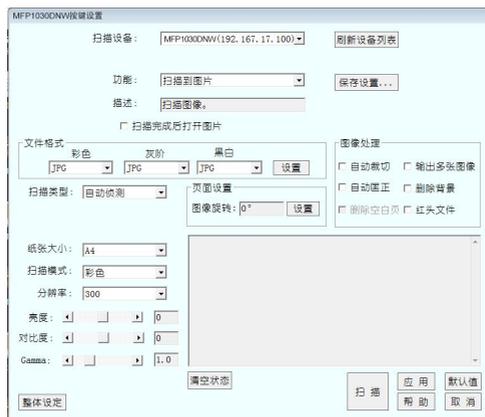


(1) Click [Start]

The device starts to scan, and the scanned image will be saved to the target folder of the scanning tool on the computer.

7.2 Windows Scanning Job

Taking the Windows 7 system as an example, click  (Start) > All Programs > AS-MFP1030DNW (Folder) > AS-MFP1030DNW Local Scan (or AS-MFP1030DNW_NET network scan), start the scanner.



Next, the standard mode scanning method will be described.

7.2.1 Scan using standard mode

The following example describes how to use standard mode for a scan job.

7.2.1.1 Scan settings for standard mode

(1) Function

"Function" has the following three methods to choose from:

- When [Scan to Image] is selected:
Scan the original document into a picture. Please refer to (3) [File](#) format to select the picture format.
- When [Scan to PDF] is selected:
Scan originals into PDF documents.
- When [OCR] is selected:
Scan originals into txt plain text documents or doc type documents, please refer to (3) [File](#) format for document types, this mode is suitable for processing common plain text originals.

(2) Save Setting

- [Save folder] settings
The default saving path
[C:\Users\Public\Pictures\TOEC\MP3050DN\net_Scandoc].
The "... " button on the right can add a new path, and the drop-down box can view all paths selected for setting.

Check [Open the save path after scanning] on the main interface, and the system will automatically pop up the save path after the scan is completed.

- **【Folder】** File naming method settings

Users can define the naming method of scanned file names according to actual needs. This option provides "Date and Time" and "Customized".

(3)File format

- When the "Function" setting selects [Scan to Picture]:

Provide [Color], [Grayscale], [Black and White] mode to set the file format of the image. There are four formats for each format to choose from, namely JPG, TIFF, PNG, and Bitmap.

- When the "Function" setting selects Scan to [Scan to PDF]:

This mode does not offer a choice of file format.

- When the "Function" setting selects [OCR]:

Both txt files and Microsoft Word files are provided.

(4)Scan Type

There are three options for "Scan Type":

Automatic Detection	The device automatically detects the scan source. When there are documents to be scanned on both the ADF and the scanner glass platform, selecting this option will give priority to scanning the documents in the ADF.
---------------------	---

Flat Plate Reflection Draft	The device scans general manuscripts and manuscripts of non-transparent materials from the scanner glass platform.
ADF (Single Sided)	The device scans one side of the document from the ADF.

(5)Image Splitting

This function is only used when the scanning type is "Flatbed Reflective Draft" and "ADF (Single-sided)" mode. This function supports splitting pictures and documents. Users can choose vertical splitting or horizontal splitting according to actual needs.

(6)Page Setting

This function supports page rotation settings. "Rotation settings" have four angles to choose from, namely 90 degrees, 180 degrees, 270 degrees, and 360 degrees.

(7)Paper Size

The following four sizes are available for "Paper Size".

A4	A4 Portrait
A5	A5(5.83×8.27'')Portrait
B5(JIS)	B5(JIS) 182×257mm Portrait
Stationery	Stationery(8.5×11'') Portrait

(8) Scan Mode

"Scan Mode" has the following three methods to choose from:

Color	Scan files in 24-bit RGB color. This mode uses more storage space.
Gray Scale	Scan documents in 256 different shades of gray to give black and white gradation and depth.
Black and White	Scan documents in black and white. It is recommended to use this mode to scan text documents.

(9)Resolution

"Resolution" has the following four ways to choose from:

200dpi	Suitable for data such as common text or tables
300dpi	Suitable for data such as common text or tables and OCR recognition
600dpi	Suitable for higher print quality for color photos and text.
1200dpi	Suitable for ideal for high-definition color photos and crisply printed fine-line documents.

Resolution is measured in pixels per inch (dpi). The higher the resolution, the more detailed the image and the more space it takes up. In order to save memory and maintain good image quality, please choose a reasonable resolution according to actual needs.

-
- These recommended values are for reference only. If the image is not clear enough, or you want to see more picture
-

details, you still have to increase the resolution.

- When you scan a large-sized color picture at a higher resolution (600 dpi), it will significantly increase the scanning time, increase the file size, and consume a lot of system resources. Therefore, when you need to scan in both color mode and higher resolution, it is recommended that you scan a small portion.
-

(10)Brightness

Increasing the brightness will increase the amount of white in the image, making the image appear to be "washed out"; lowering the brightness can make lighter or blurry writing slightly clearer.

- ① These Drag the sliders left or right to decrease or increase the lightness and darkness of all the colors in the image.
-

(11)Contrast

The higher the contrast, the sharper the image; the lower the contrast, the blurr the image.

- ① Drag the slider left or right to decrease or increase the lightness or darkness of all colors in the image
-

(12)Gamma

Image gamma values are used to adjust the color of scanned to computer images. Gamma values are expressed as smooth

curves. You can change the tonal range of the selected color channel by adjusting the Gamma value. Gamma value is mainly used to measure the brightness of color. The larger the Gamma value, the brighter the color.

 Drag the slider left or right to decrease or increase the Gamma value.

(13)Overall settings

- When selecting [Delete Background]:

Provides settings for background deletion sensitivity, with a minimum of 1 and a maximum of 10.

- When selecting [Delete blank pages directly]:

Provides setting sensitivity for deleting blank pages, with a minimum of 1 and a maximum of 15.

- When selecting [Output Multiple Images]:

Provides resolution settings for "grayscale" and "black and white" formats, with a minimum of 100dpi and a maximum of 600dpi.

Gray Scale	100dpi/200dpi/300dpi/600dpi
Black and	100dpi/200dpi/300dpi/600dpi

white	
-------	--

- When [Split] is selected:

Provides setting of "equal split" number of parts, the minimum is 2 and the maximum is 10.

(14)Automatic cropping

This function is only available in tablet mode. In tablet mode, multiple small-sized documents are scanned at one time and multiple images are automatically cropped and output. Generally used for scanning multiple business cards and ID cards.

-
- ⓘ Do not cover obliquely between multiple originals, otherwise it will not be recognized.
-

(15)Automatic correction

This function can correct the document entering the scanner at a certain tilt angle to the vertical paper path. The tilt angle cannot be greater than 15 degrees.

(16)Delete blank pages

This function supports deleting blank pages in scanned documents.

-
- ⓘ Drag the slider left or right to decrease or increase the sensitivity value.
-

(17)Export multiple images

This function supports scanning in image formats and outputs black and white, grayscale, color images or grayscale, black and white images at the same time (black and white mode is not available).

(18)Delete background

This function supports processing the original background color to white or a similar solid color.



Drag the slider left or right to decrease or increase the sensitivity value.

(19)Red Header File

This function is often used for proofs containing red titles and red seals.

7.2.1.2 Execute Scanning Tasks

Please make sure that the connection between the scanner and the PC is smooth before scanning.

(1) Load originals

(2) Start the AS-MFP1030DNW scanning tool and perform one of the following operations:

- Local USB scanning tool

Click  (Start) > All Programs > AS-MFP1030DNW (folder) > MP3050 Local Scan.

- Network scanning tool

Click  (Start) > All Programs > AS-MFP1030DNW (folder) > AS-MFP1030DNW_NET Network Scanner.

(3) Set standard mode scanning parameters

(4) Click Scan

The device starts scanning, and the scanned images will be saved in the destination folder.

7.2.2 Check Scan Logs

After the scan is completed, you can view the scan records according to the scan log.

(1) Start the [View Log] tool

Click  (Start) > All Programs > AS-MFP1030DNW (Folder) > View Log.

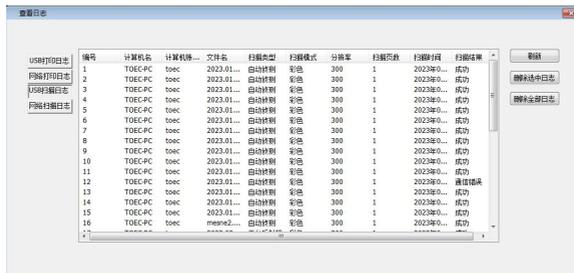


(1) Enter account and password

The initial user name is "admin" and the password is "1234".

(2) View logs

●USB scan log



类别	编号	计算机名	计算机地址	文件名称	扫描类型	扫描模式	分辨率	扫描页数	扫描时间	扫描结果
USB打印日志	1	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络打印日志	2	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	3	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	4	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	5	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	6	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	7	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	8	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	9	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	10	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	11	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	12	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	属性错误
网络扫描日志	13	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	14	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	15	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年0...	成功
网络扫描日志	16	TOEC-PC	toec	mmpw2...	自动检测	彩色	300	1	2023年0...	成功

● Network scan log

编号	计算机名	计算机地址	文件名称	扫描类型	扫描模式	分辨率	扫描页数	扫描时间	扫描结果
28	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年9...	成功
29	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年9...	成功
30	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年9...	成功
31	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年9...	成功
32	TOEC-PC	toec	mmsn2...	自动检测	彩色	300	1	2023年9...	成功
33	TOEC-PC	toec	mmsn2...	自动检测	彩色	300	1	2023年9...	成功
34	TOEC-PC	toec	mmsn2...	自动检测	彩色	300	1	2023年9...	成功
35	TOEC-PC	toec	2023.01...	自动检测	彩色	300	1	2023年9...	成功
36	TOEC-PC	toec	111	111	111	111	111	111	111
37	TOEC-PC	toec	111	111	111	111	111	111	111
38	TOEC-PC	toec	2023.02...	自动检测	彩色	300	1	2023年9...	成功
39	TOEC-PC	toec	mmsn2...	自动检测	彩色	300	1	2023年9...	成功
40	TOEC-PC	toec	2023.02...	自动检测	彩色	300	1	2023年9...	成功
41	TOEC-PC	toec	2023.02...	自动检测	黑白	300	1	2023年9...	成功
42	TOEC-PC	toec	2023.02...	自动检测	黑白	300	1	2023年9...	成功
43	TOEC-PC	toec	2023.02...	自动检测	彩色	300	1	2023年9...	成功

7.2.3 Troubleshooting and Support

7.2.3.1 Find Scanner Exceptions

Refresh the device list and the scanner cannot be found. Please check the following items:

- Whether all equipment protection parts have been removed.
- Whether the interface cable is correctly connected to the device and computer.
- The driver has been installed correctly.
- Confirm whether the IP address assigned to this device is available.

If the problem persists after trying all of the above, try the following:

- Replace with a new USB cable.
- Use another USB port.

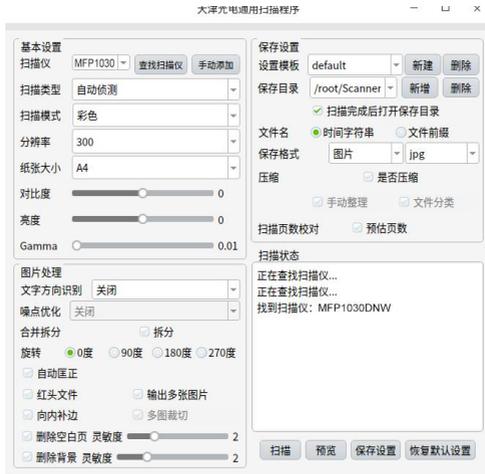
- For wired network connections, replace the LAN interface cable with a new one.
- Use other LAN ports on the hub.
- Uninstall and reinstall the printer driver

7.3 Linux Scanning Job

Taking the Union Tech UOS system as an example, click "TOEC A4 All-in-One Startup Tool" in the start menu.



Start the "TOEC-A4 Scanner Program".



7.3.1 Using Standard Scan Mode

The following example describes how to use standard mode for a scan job.

7.3.1.1 Scan Settings in Standard Mode

Basic Settings

(1) Find the Scanner

This function can find the currently connected printer device, and the found device will be loaded into the scanner drop-down list on the left.

(2) Add Manually

This function is mainly used to connect network scanners across network segments. If the printer device and the connected computer do not belong to the same network segment, you can use this function to easily connect devices on different network segments.



手动添加扫描仪

系列 请选择系列 型号 请选择型号

IP地址

取消 确定

Select "AS-MFP1030DNW" for series, "AS-MFP1030DNW" for model, and enter the IP address of the printer device in the IP address column, for example: "192.167.17.100" ([refer to the network settings in Section 4.3.2.3](#)). Click "OK" and the scanner will automatically find the network printer.



(3) Scan type

There are three options for "Scan Type":

Automatic Detection	The device automatically detects the scan source. When there are documents to be scanned on both the ADF and the scanner glass platform, selecting this option will give priority to scanning the documents in the ADF.
Flat Plate Reflection Draft	The device scans general manuscripts and manuscripts of non-transparent materials from the scanner glass platform.
ADF Single Sided	The device scans one side of the document from the ADF.

(4) Scan Mode

"Scan Mode" has the following three methods to choose from:

Color	Scan files in 24-bit RGB color. This mode uses more storage space.
Gray Scale	Scan documents in 256 different shades of gray to give

	black and white gradation and depth.
Black and White	Scan documents in black and white. It is recommended to use this mode to scan text documents.

(5)Resolution

"Resolution" has the following four ways to choose from:

200dpi	Suitable for data such as common text or tables
300dpi	Suitable for data such as common text or tables and OCR recognition
600dpi	Suitable for higher print quality for color photos and text.
1200dpi	Suitable for ideal for high-definition color photos and crisply printed fine-line documents.

Resolution is measured in pixels per inch (dpi). The higher the resolution, the more detailed the image and the more space it takes up. In order to save memory and maintain good image quality, please choose a reasonable resolution according to actual needs.

-
- These recommended values are for reference only. If the image is not clear enough, or you want to see more picture details, you still have to increase the resolution.
 - When you scan a large-sized color picture at a higher resolution (600 dpi), it will significantly increase the scanning time, increase the file size, and consume a lot of system resources. Therefore, when you need to scan in both color
-

mode and higher resolution, it is recommended that you scan a small portion.

(6) Paper Size

The following four sizes are available for "Paper Size".

A4	A4 纵向
A5	A5(5.83×8.27'')纵向
B5	B5(JIS) 182×257mm 纵向
信纸	信纸(8.5×11'')纵向

(7) Contrast

The higher the contrast, the sharper the image; the lower the contrast, the blurrier the image.

 Drag the slider left or right to decrease or increase the lightness or darkness of all colors in the image.

(8) Brightness

Increasing the brightness will increase the amount of white in the image, making the image appear to be "washed out"; lowering the brightness can make lighter or blurry writing slightly clearer.

 Drag the slider left or right to decrease or increase the lightness or darkness of all colors in the image.

(9) Gamma

Image gamma values are used to adjust the color of scanned to computer images. Gamma values are expressed as smooth curves. You can change the tonal range of the selected color channel by adjusting the Gamma value. Gamma value is mainly used to measure the brightness of color. The larger the Gamma value, the brighter the color.

 Drag the slider left or right to decrease or increase the Gamma value.

Image Process

(1) Text direction recognition

This function can recognize the text direction and recognize the text through OCR to automatically determine the direction of the paper and automatically rotate and correct it. (Only regular text text is supported).

 This feature only supports regular text text

(2) Noise Optimization

This function supports the removal of noise in the background of the document in black and white mode. There are four options: off, low, medium, and high. The higher the degree of noise optimization, the clearer the scanned document.

(3) Merger and Split

This function supports splitting pictures and documents, and users can choose vertical splitting or horizontal splitting according to actual needs.

(4) Rotation

This function supports rotating pictures, and can rotate 0 degrees, 90 degrees, 180 degrees, and 270 degrees counterclockwise.

(5) Automatic Correction

This function can correct the document entering the scanner at a certain tilt angle to the vertical paper path. The tilt angle cannot be greater than 15 degrees.

(6) Red Head File

This function is often used for proofs containing red titles and red seals.

(7) Filling Inwards

When this option is checked, the effect of inward padding can be produced to compensate for the black edge of the image caused by the skewed paper feeding.

(8) Output Multiple Pictures

This function supports scanning in image formats and outputs black and white, grayscale, color images or grayscale,

black and white images at the same time (black and white mode is not available).

(9) Multi-edge Cutting

This function is only available in tablet mode. In tablet mode, multiple small-sized documents are scanned at one time and multiple images are automatically cropped and output. Generally used for scanning multiple business cards and ID cards.

 Do not cover obliquely between multiple originals, otherwise it will not be recognized.

(10)Delete Blank Pages

This function supports deleting blank pages in scanned documents.

 Drag the slider left or right to decrease or increase the sensitivity value.

(11)Delete Background

This function supports processing the original background color to white or a similar solid color.

 Drag the slider left or right to decrease or increase the sensitivity value.

Save Settings

(1) Set Template

Generally select the default template (default), the "New" button on the right can add a template, and the "Delete" button can delete the selected template.

(2) Save Directory

The default save path is /home/ **【current user name】** /Scanner/MP3050DN/. The "Add" button on the right can add a new path, and the "Delete" button can delete the selected path.

Check: [Open the save directory after scanning], the system will automatically pop up the save path after the scan is completed.

(3)File Name

- When selecting [Time String]:

The current time will be converted into a string as the file name of the scanned file, for example: 20221024152344873.jpg

- When selecting [File Prefix]:

This mode sets the file name of the scanned file based on a user-defined file prefix name. In this mode, the file name consists of three parts: prefix, delimiter, and number digits.

Prefix	Length limited to 200
Delimiter	Contains dash —, underscore _, and consecutive omissions of..., @, #, ~.
Number of coding digits	4-digit display, fill in the front with 0: 0001, 0011, 0101, 1001 3-digit display, fill in the front with 0: 001, 010, 999,

	10001, 10002
	2-digit display, fill in the front with 0: 01, 02, 10, 99, 100, 101
	1-digit display, automatically add 1: 1, 2, 10, 99, 100

This function is very convenient for users to scan unused files, for example: test file @0001.jpg.

(4)Save format

- When selecting a picture:

There are four formats to choose from.

photo	.jpg/.png/.bmp/.tiff
-------	----------------------

- When selecting a document:

There are four formats to choose from.

file	single PDF/Multiple PDFs/ single OFD/Multiple OFD
------	---

- When selecting OCR:

There are three formats to choose from.

OCR	.txt/.pdf/.ofd/
-----	-----------------

(5)Compress

This function is only applicable when "Scan Format" is selected as "Picture → jpg", and the compression mode has the following five situations to choose from.

Standard quality	Original image quality compressed to 60%
------------------	--

High-definition	Original image quality compressed to 70%
Higher quality	Original image quality compressed to 80%
Super high quality	Original image quality compressed to 90%
Highest quality	Original picture quality is not compressed

(6) Organize Manually

This feature is available when the save format is Document type. Supports order adjustment of scanned images of multi-page manuscripts, and supports selected deletion and all deletion of scanned images.

(7) File Classification

This function is available when the scan type is ADF and the saving format is document type. When scanning different documents in batches, by using white paper to separate them, the unused documents separated by white paper can be automatically stored separately in one scan.

(8) Scan Page Number Proofreading

This function supports presetting the number of pages to be scanned before scanning. After the scanning is completed, if the actual number of pages scanned does not match the preset number, a prompt dialog box will pop up.

Scan status

(1) Scan status

This window can display scanner status, exception information, information prompts, etc. during the scanning process.

7.3.1.2 Execute scan tasks

Before scanning, please ensure that the connection between the scanner and the PC is smooth, click the [Find Scanner] button, and start scanning after finding the MP3050DN scanner. Each function can be selected according to specific scanning requirements, and click the [Scan] button to start scanning.

Please make sure that the connection between the scanner and the PC is smooth before scanning.

(1) Load originals

(2) Start the AS-MFP1030DNW scanning tool:

Click  (Start) > TOEC A4 All-in-One Launcher Tools > TOEC-A4 Scanner Program .

(3) Find scanner

When starting the scanning tool, it will automatically search for the currently connected scanner. If the AS-MFP1030DNW device is not found in the scanner drop-down box, click [Find Scanner] to search manually.

(4) Set standard mode scanning parameters

(5) Click scan

The device starts scanning. [Scan Status] will display the scanner status, exception information, prompts and other information during the scanning process. The scanned images will be saved to the target folder.

7.3.2 Check scan logs

After the scan is completed, you can view the scan records according to the scan log.

(1) Start the [Scan Log] tool

Click  (Start) > TOEC A4 all-in-one startup tool > TOEC-A4 scan log.



(2) Enter account and password

The initial user name is "admin" and the password is "1234".

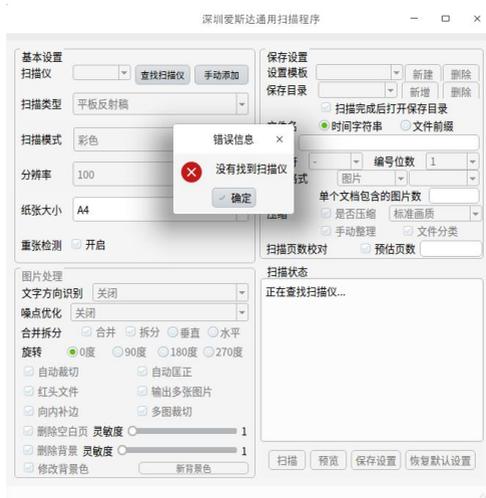


(3) Check log



7.3.3 Troubleshooting and support

7.3.3.1 Check the scanner exceptions



If the scanner cannot be located, check the following items:

- Whether all equipment protection parts have been removed.
- Whether the interface cable is correctly connected to the device and computer.
- The driver has been installed correctly.
- Confirm whether the IP address assigned to this device is available.

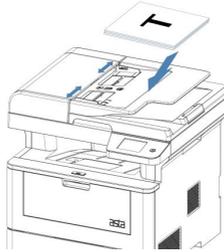
If the problem persists after trying all of the above, try the following:

- Replace with a new USB cable.
- Use another USB port.
- For wired network connections, replace the LAN interface cable with a new one.
- Use other LAN ports on the hub.

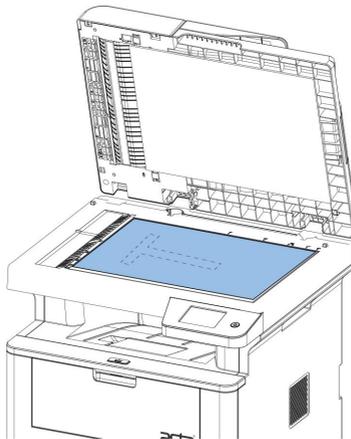
8.Copy

8.1 General copying

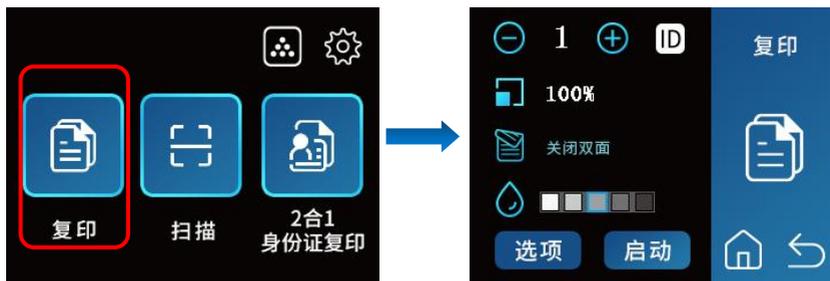
1. Make sure you have the correct size of paper loaded in the paper tray.
2. Do one of the following:
 - Place the original face up in the ADF. (If copying multiple pages, it is recommended to use the ADF.)



- Place the original face down on the scanner glass.



3. Click  [Copy], the LCD will display:



4. Change the copy settings if necessary.

- **001** (Number of copies)

You can enter the required number of copies in any of the following ways:

- Press  or  on the LCD screen.
- Press the numbers on the control panel.

- **选项** [Options]

Press Options to change the copy settings for the next copy only, Current Settings instructs Press the following icon or display area to change these settings for the next copy only.

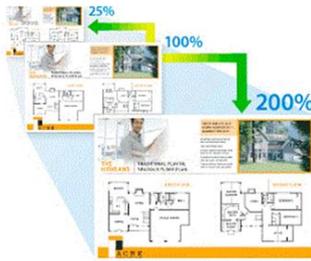
- [Zoom in/out]
- [concentration]
- [contrast]
- [Double-sided copy]

5. Press [Start]

 To stop copying, press cancel

8.2 Enlarge or Reduce Copy

Select an enlargement or reduction ratio to adjust the size of copied data



1. Load originals.
2. Click [Copy].
3. Enter the required number of copies.
4. Press [Options] > [Zoom in/out].

5. Swipe the screen up or down to display the available options and press the desired option.
6. Do one of the following:
7. If you select [Enlarge] or [Reduce], press the enlargement or reduction ratio you want to use.
8. If you select [Custom (25-400%)], press Clear the displayed ratio and enter an enlargement or reduction ratio in the range of [25] to [400].
9. Press OK.
10. If you select [100%], go to the next step.
11. Press to return to the previous menu when finished.
12. Press [Start] to start copying.

8.3 Sort Copy

Sort multiple copies. Pages are stacked in the same order they are fed, i.e.: 1, 2, 3, etc.

1. Load originals.
2. Click  [Copy].
3. Enter the required number of copies.
4. Press  [Options] > [Stack/Sort] > [Sort].
5. Press  to return to the previous menu when finished.
6. Press [Start].

If the original is placed in the ADF, the machine scans all pages before printing.

7. If you are using a scanner glass, repeat the following steps to scan each page of the original:

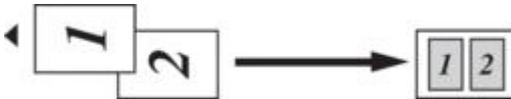
- Place the next page on the scanner glass and press [Continue] to scan the page.
- After scanning all the pages, press [Finish].

8.4 Use page layout to make N-in-1 copies

N-in-1 copy function can copy two pages of documents on one paper, thus effectively saving paper

1. Load originals.
2. Click  [Copy].
3. Enter the required number of copies.
4. Press  [Options] > [Page Layout].
5. Select 2 in 1 (horizontal/vertical) according to the horizontal and vertical correspondence of the placed manuscript.

- 2 in 1 (Portrait)



- 2 in 1 (Horizontal)



1. Press [Start].

If the original is placed in the ADF, the machine scans all pages before printing.

2. If you are using the flatbed scanner, repeat the following steps to scan each page of the original:

- Place the next page on the scanner glass and press [Continue] to scan the page.
- After all the pages have been scanned, press [Finish].

8.5 Double-sided Copy

Double-sided copying reduces paper usage

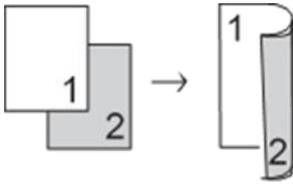
[Prompt]:

- You must select a duplex copy layout from the options below before you can start duplex copying.
- The original layout determines the layout that should be selected for duplex copying.
- To use the automatic double-sided copy function, originals must be placed in the automatic document feeder.

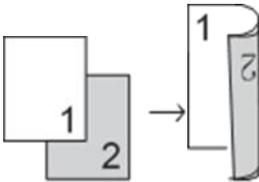
- When making manual duplex copies of two-sided documents, use the scanner glass.

Portrait

Single-sided to double-sided (long edge flip)



Single sided to double sided (short edge page turning)



8.6 Change copy quality

Choose the copy quality according to the type of document you are copying.

1. Load originals.
2. Click  [Copy].
3. Enter the required number of copies.

4. Press  [Options]>[Duplex Copy].
5. Select long edge flipping/short edge flipping as needed.
6. After completion, press  to return to the previous menu.
7. Press [Start].

If the original is placed in the ADF, the machine scans all pages and then starts duplex printing.

8. If you are using a scanner glass, repeat the following steps to scan each page of the original:

- Place the next page on the scanner glass and press [Continue] to scan the page.
- After scanning all the pages, press [Finish].

8.7 Change copy density

Adjust copy density to make copies darker or lighter

1. Load originals.
2. Click  [Copy].
3. Enter the required number of copies.
4. Press  [Options]>[Density].
5. Select the desired brightness level (light to dark).
6. After completion, press  to return to the previous menu.
7. Press [Start].

If the original is placed in the ADF, the machine scans all pages and then starts duplex printing.

8. If you are using a scanner glass, repeat the following steps to scan each page of the original:

- Place the next page on the scanner glass and press [Continue] to scan the page.
- After scanning all the pages, press [Finish].

8.8 Change copy contrast

If the original pages are light or dark, you can change the contrast to improve copy quality.

1. Load originals.
2. Click  [Copy].
3. Enter the required number of copies.
4. Press [Options]>[Contrast].
5. Select the desired contrast level.
6. After completion, press  to return to the previous menu.
7. Press [Start].

If the original is placed in the ADF, the machine scans all pages and then starts duplex printing.

8. If you are using a scanner glass, repeat the following steps to scan each page of the original:

- Place the next page on the scanner glass and press [Continue] to scan the page.

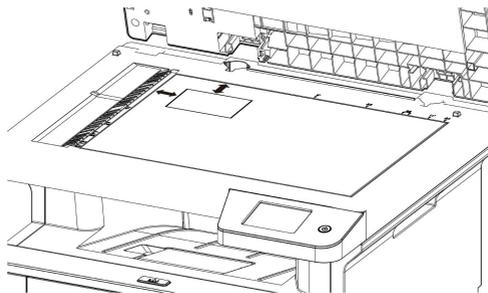
- After scanning all the pages, press [Finish].

8.9 Copy of ID card (2 in 1)

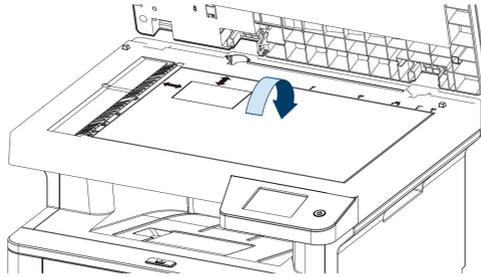
Use the [2 in 1 ID card copy] function to copy both sides of an ID card onto the same page in the original size.



1. Place the ID card face down near the upper left corner of the flatbed scanner.



2. Click  [2-in-1 ID card copy].
3. Enter the required number of copies.
4. Press [Start].
The device will scan one side of the ID card.
5. After the device scans the first side, turn over the ID card and place it in the upper left corner of the flatbed scanner as well.

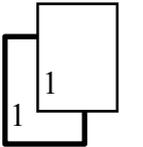
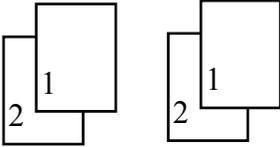
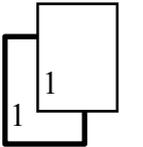
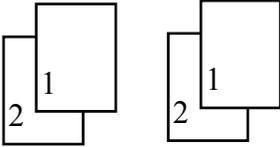
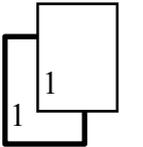
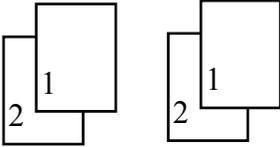


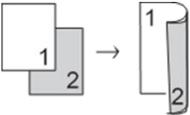
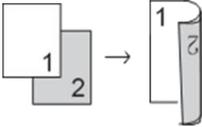
6. Press [Start] to scan the other side and start printing after scanning is completed.

8.10 Copy Options

The options include all adjustable features supported by the copy function.

Menu Options	Options
[Quality]	Automatic Text

	Photo Bill				
[zoom in/zoom out]	100% 200% 141% A5→A4 97% LTR→A4 94% A4→LTR 91% full page 70% A4→A5 50% Customize(25-400%)				
[Density]	Increasing the density makes the text darker. Decreasing the Density makes the text lighter.				
[Contrast]	Increase the contrast to make the image clearer. Lower the contrast to make the image softer				
[Stack/Sort]	<table border="0"> <tr> <td style="text-align: center;">Stack</td> <td style="text-align: center;">Sort</td> </tr> <tr> <td style="text-align: center;">  </td> <td style="text-align: center;">  </td> </tr> </table>	Stack	Sort		
Stack	Sort				
					
[Page Layout]	Off (1 in 1) 2-in-1 (Portrait)				

	2 in 1 (Horizontal)
[Duplex copy]	<p data-bbox="378 320 927 352">Single-sided to double-sided (long edge flip)</p>  <p data-bbox="378 515 978 595">Single sided to double sided (short edge page turning)</p> 

9.Troubleshooting

According to this section, solve the problems you may encounter when using this device. According to the fault information displayed on the LCD or status monitor of the device, you can quickly find the problem and solve most of the problems by yourself.

9.1 Identify Problems

Even if there is a problem with the device, you can solve most of the problems by yourself.

First, please check the following:

1. Check whether the power cord of the device is connected correctly and whether the power supply of the device is turned on.
2. Whether all orange protective parts of the equipment have been removed.
3. Whether the paper is correctly placed in the paper tray.
4. Check whether the interface cable is properly connected to the device and computer.
5. Check the device status displayed on the LCD screen or the ASTA status monitor on the computer.

9.2 Paper Jam Handling

If the device has paper feeding problems during printing, scanning, or copying, please follow the fault messages displayed on the device's LCD screen or status monitor to solve the relevant problems by yourself.

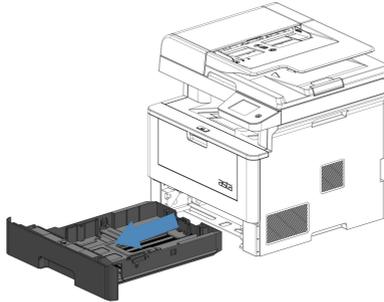
Fault Information	Reason	Measures
Paper Take-Up Failed	When printing on the paper fed from the paper tray, although the paper pickup sensor displays the specified time of paper, the paper pickup sensor does not detect that the paper has passed	Check the paper tray to lay the paper flat
Paper Jam	When printing on the paper fed from the paper tray, after the paper pickup sensor detects that the paper has passed, the print sensor does not detect that the paper has passed	Remove the paper jam from the tray
Internal Paper Jam	After the print sensor detects that the paper has passed, the output sensor does not detect that the paper has passed	Open the front cover, take out the toner cartridge unit completely, and take out the paper jam
Feed Jam	After the print sensor detects that the paper	Open the

	has passed, although the specified time after the print sensor detects that the paper has passed, the print sensor is still in the state of paper passing	front cover, take out the toner cartridge unit completely, and take out the paper jam
Paper Jam	After the paper output sensor detects that the paper has passed, although the specified time after the paper output sensor detects that the paper has passed, the paper output sensor is still in the state of paper passing	Open the back cover, open the fixing back cover, and remove the paper jam
Reverse Paper Jam	During double-sided printing, the double-sided sensor does not detect the paper passing within the specified time after the first side is printed	Open the back cover and remove the paper jam
Paper Jam In Reverse Tray	When double-sided printing, the paper feeding sensor does not detect the paper passing after the double-sided sensor detects the paper passing	Pull out the paper tray and lift the double-sided unit to clear the paper jam
Paper Jam On The Back	When double-sided printing, after the double-sided sensor detects that the paper has passed, although the specified time after the double-sided sensor detects that the paper has passed, the double-sided sensor is still in the	Pull out the paper tray and lift the double-sided unit to clear

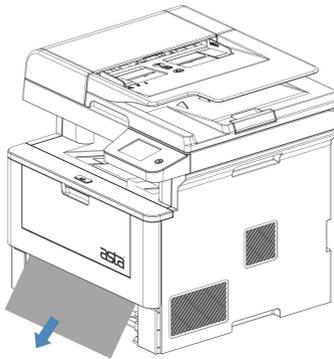
	state of paper passing	the paper jam
Document feeder jam	At the end of the feed scanning process, the ADF sensor still does not detect the document leaving	Open the top cover, remove the jammed manuscript, and reload the manuscript
Manuscript too long	At the end of the feed scanning process, the ADF sensor still does not detect the document leaving	Open the top cover, remove the extra long manuscript, and place the manuscript again
Rejection failed	When performing the ejection action, the DOC sensor does not detect the departure of the manuscript within the specified time, or the ADF sensor does not detect the departure of the manuscript within the specified time after the manuscript exits	Open the top cover and remove the jammed document
Citation failed	During paper feeding, scanning and citation, the DOC sensor does not detect that the document enters the document feeder	Open the top cover and reload the manuscript

9.2.1 Paper Jam In The Paper Box

1. Pull the tray completely out of the device.



2. Slowly pull out the jammed paper.



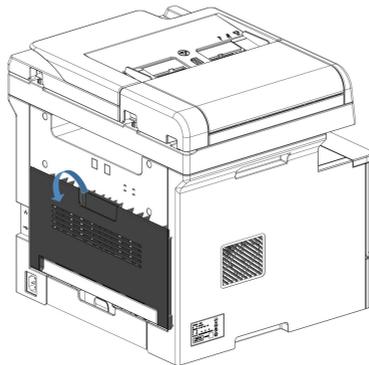
Pull the jammed paper down with both hands to easily remove the jammed paper.

3. Replace the tray into the device.

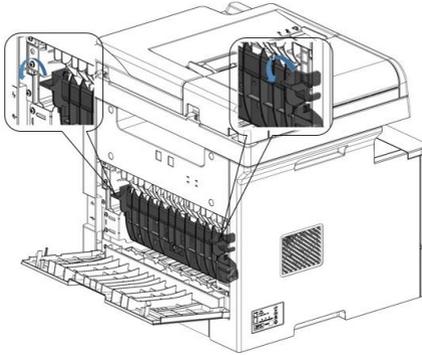
9.2.2 Paper Jam At The Rear Of The Device

If the LCD or status monitor of the device shows that the paper jam is at the rear of the device, perform the following steps:

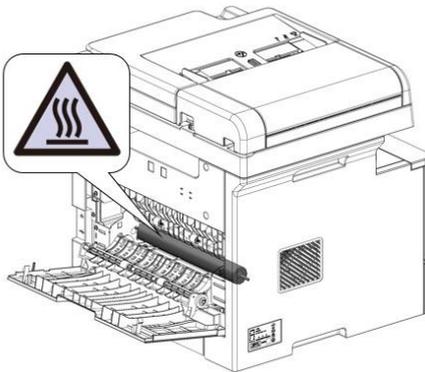
1. Keep the equipment on and wait for about 10 minutes to allow the internal fan to cool the hot parts in the equipment.



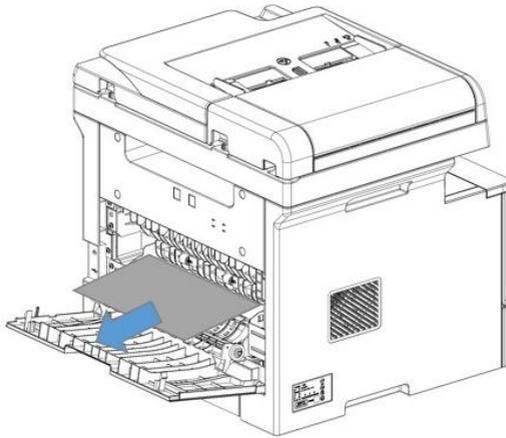
2. Open the rear cover.
3. Press and hold the green label pasting structure on the left and right sides, and open the rear cover of the fuser unit in the direction shown by the arrow.



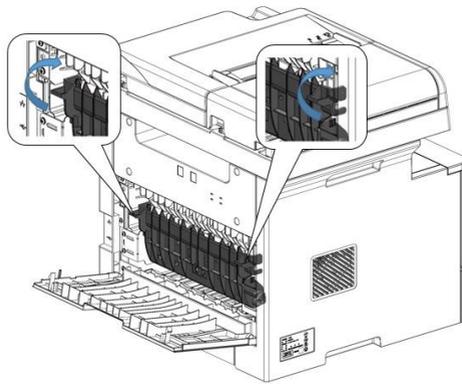
The temperature of parts inside the equipment will be very high. Please wait for the equipment to cool before touching the internal parts.



4. Gently pull the jammed paper out of the fixing unit with both hands.



5. Close the rear cover of the fuser unit.

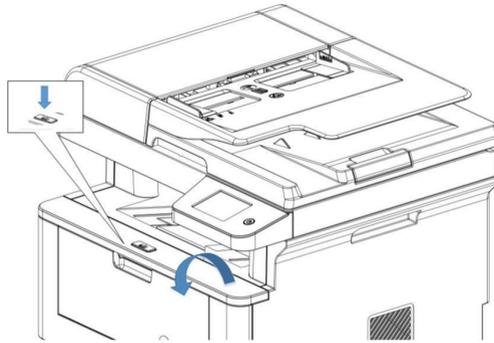


6. Close the rear cover until it locks in the closed position.

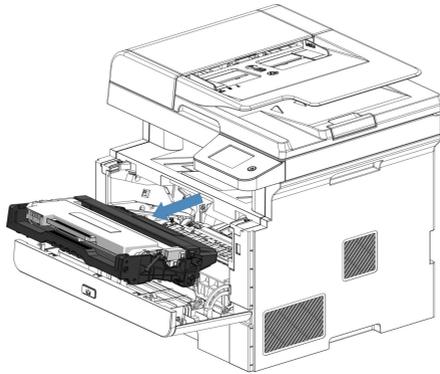
9.2.3 Paper Jam Inside The Device

If the LCD display or status monitor of the device shows that the paper jam position is inside the device, perform the following steps:

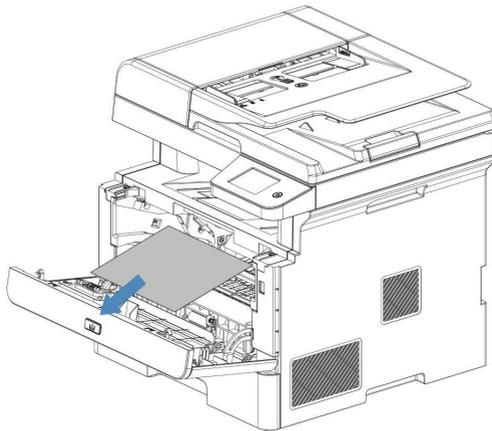
1. Open the front cover.



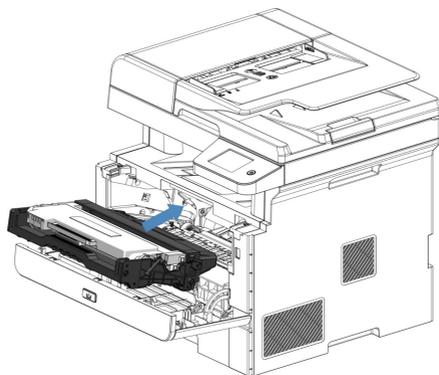
2. Remove the toner cartridge.



3. Slowly pull out the jammed paper.



4. Install the toner cartridge into the device.

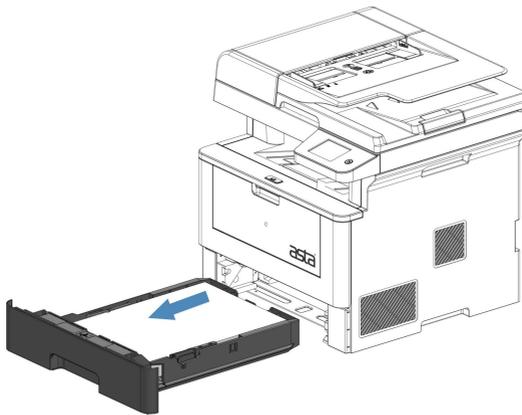


5. Close the front cover.

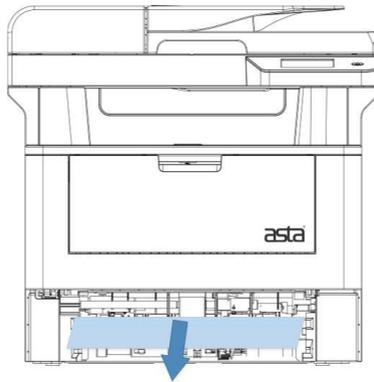
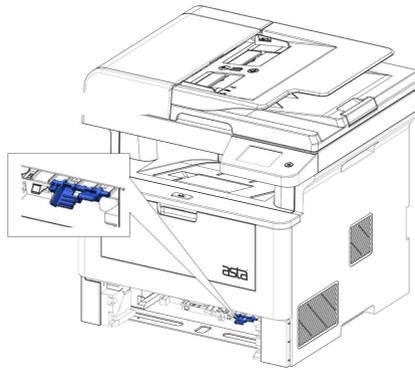
9.2.4 Paper Jam In Double-sided Unit

If the LCD display or status monitor of the device shows that the paper jam position is in the double-sided unit, perform the following steps:

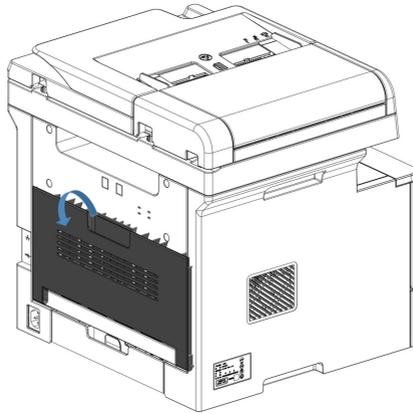
1. Pull the tray completely out of the device.



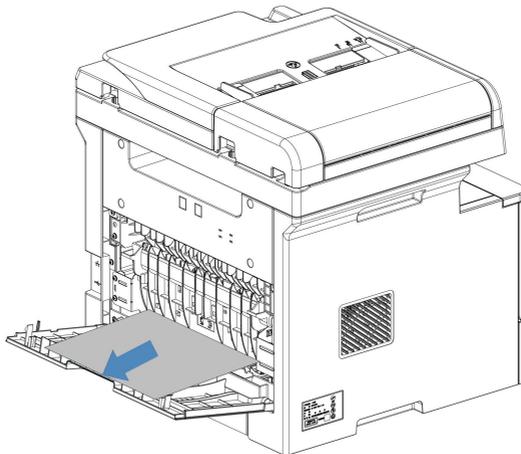
2. From the front of the device, lift the double-sided unit from the device and take out the jammed paper.



3. If there is no paper jam in the duplex unit, open the back cover.



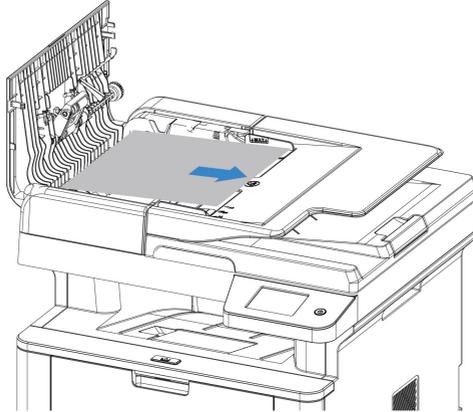
4. Gently pull the jammed paper out of the back of the device with both hands.



5. Close the rear cover until it locks in the closed position.
6. Close the duplex unit.
Replace the tray into the device.

9.2.5 Scanning and copying jammed documents

If the machine's LCD or status monitor shows a scan/copy jam or scan/copy rejection failure, open the top cover and remove the jam.

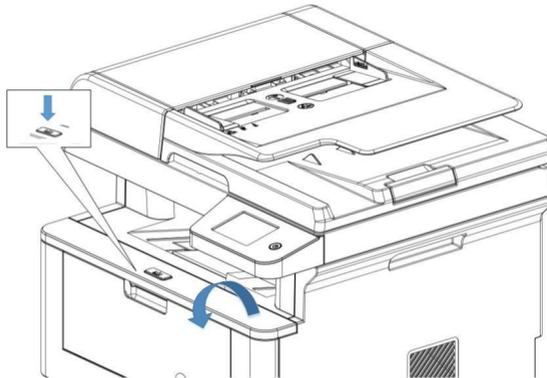


10.Routine Maintenance

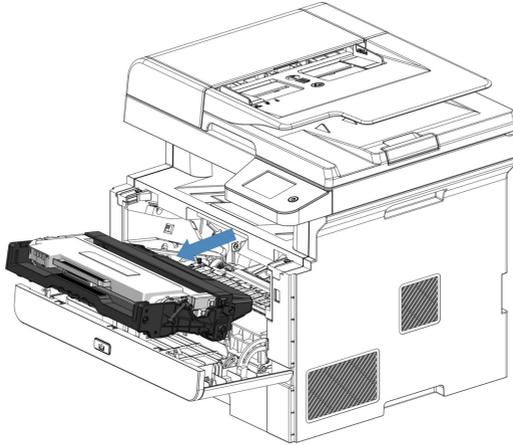
This chapter solves your daily maintenance problems during use and helps to extend the service life of the printer.

10.1 Replace Toner

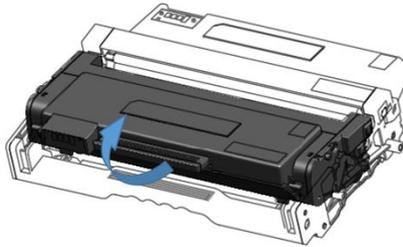
1. Make sure the device is powered on.
2. Open the front cover.



3. Remove the toner cartridge from the device.

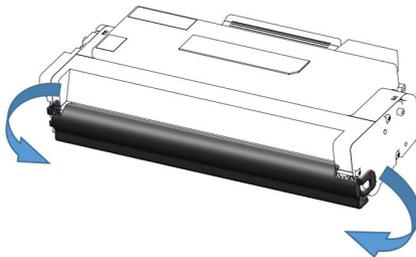


4. Remove the toner cartridge from the drum unit.

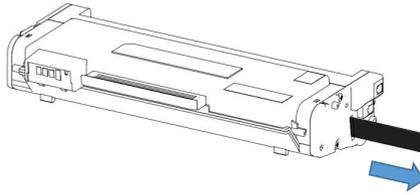


5. Unpack the new toner cartridge.

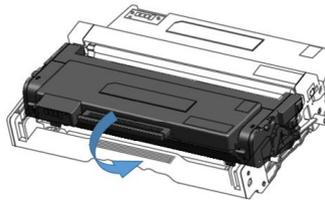
6. Remove the protective cover.



7. Pull out sealing strip.

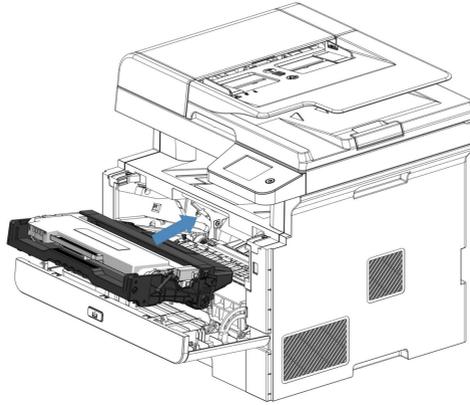


8. Install the new toner cartridge into the drum frame until it locks into place and clicks.



Make sure the toner cartridge is properly loaded, otherwise it may deviate from the drum.

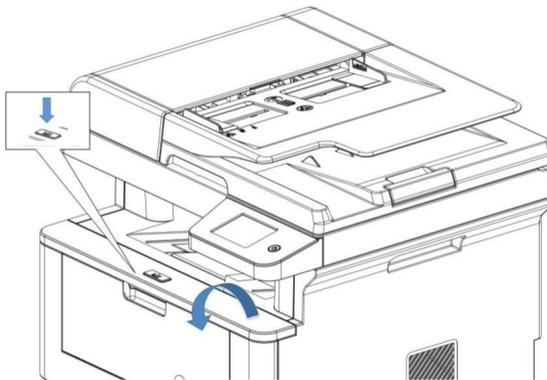
9. Replace the toner cartridge unit into the device.



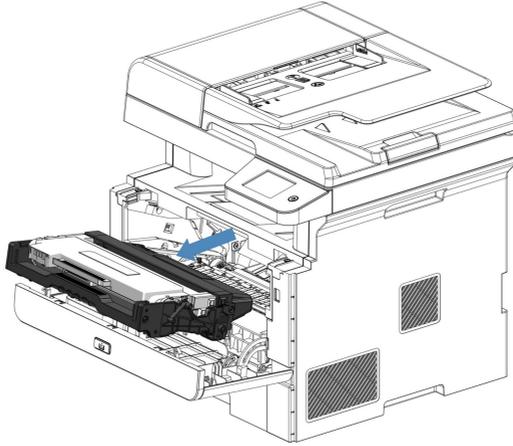
10. Close the front cover of the equipment.

10.2 Replace Drum unit

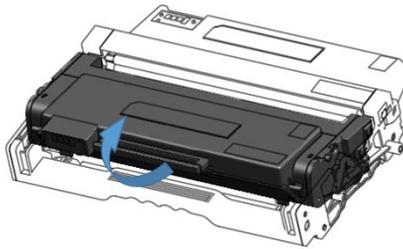
1. Make sure the device is powered on.
2. Open the front cover.



3.Remove the toner cartridges from the device.

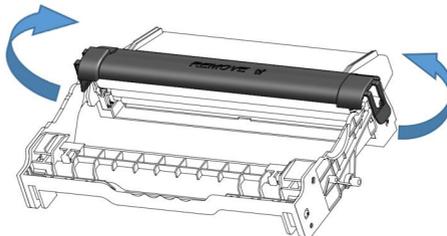


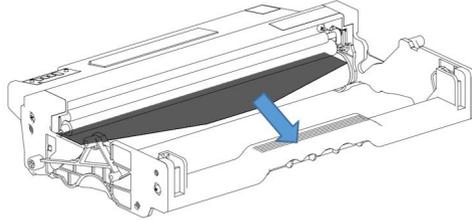
4.Remove the toner cartridge from the drum unit.



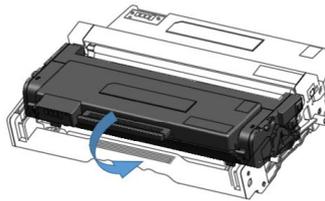
5.Unpack the new drum unit.

6.Remove the protective cover and then the isolation paper.



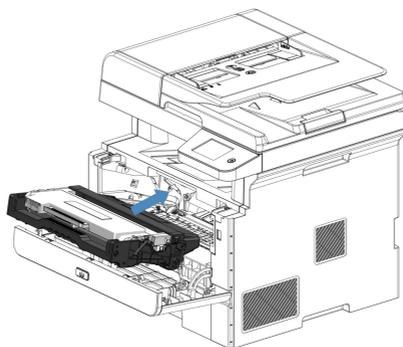


7. Install the toner cartridge into the new drum unit until it locks into place and clicks.



Make sure the toner cartridge is properly loaded, otherwise it may deviate from the drum.

8. Put the toner cartridge back to the device.



9. Close the front cover of the equipment.

10.3 Cleaning Equipment

Please use a soft, lint-free dry cloth to clean the outside and inside of the equipment regularly.

When you replace the toner cartridge or drum unit, make sure to clean the inside of the device. If the printed page is stained by toner, please use a soft, lint-free dry cloth to clean the inside of the device.

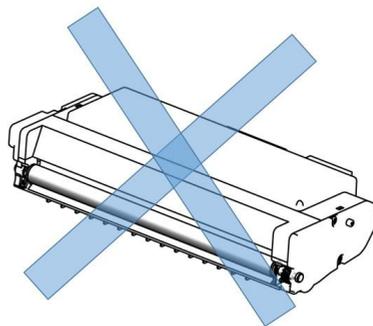
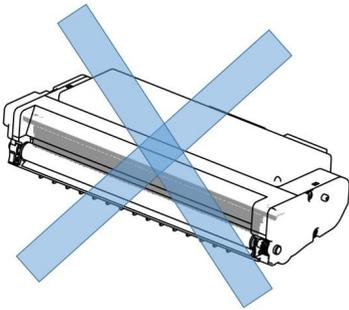


It is prohibited to use flammable materials, any type of spray or organic solvents/liquids containing alcohol or ammonia to clean the inside or outside of this product, otherwise fire may result. Please use a soft, lint-free dry cloth to clean the equipment.

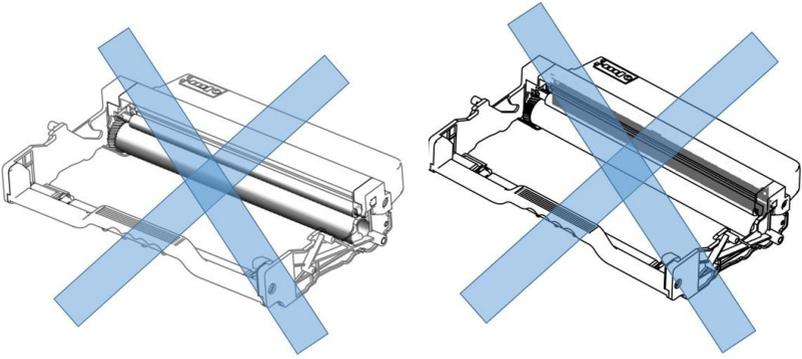


- Do not use isopropyl alcohol to wipe the dust on the operation panel, otherwise the panel may break.
- To avoid printing quality problems, do not touch the shaded part shown in the figure below.

Toner cartridge:

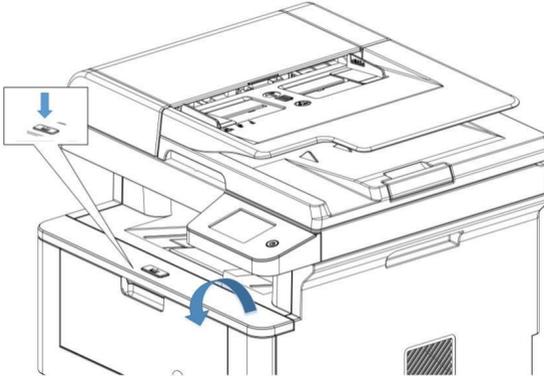


Drum unit:

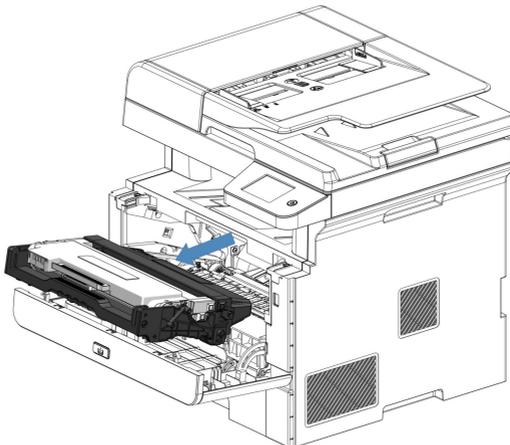


10.3.1 Clean The Toner Drum Unit

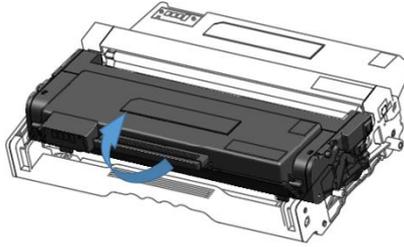
1. Power off the device.
2. Open the front cover.



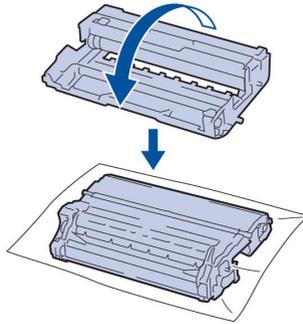
3. Remove the toner cartridge from the device.



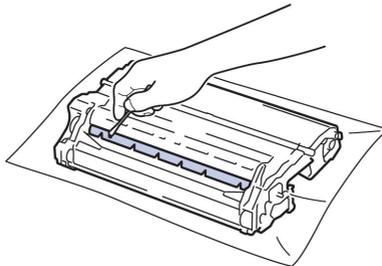
4. Remove the toner cartridge from the toner drum unit.



5. Turn the drum frame to the other side as shown in the figure below. Make sure that the gear of the toner drum unit is on the left.



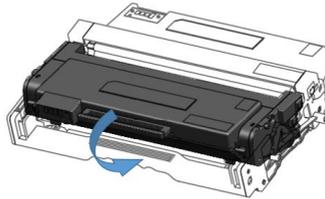
6. Please gently wipe the toner drum surface with a dry cotton swab until the mark is completely removed.





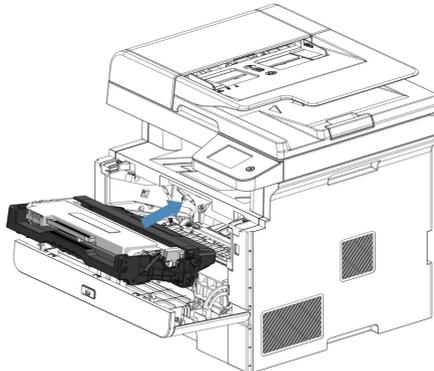
Do not use sharp objects or any liquid to clean the surface of the toner drum.

7. Install the toner cartridge into the drum frame until it locks into place and clicks.



Make sure the toner cartridge is properly loaded, otherwise it may deviate from the drum.

8. Put the toner cartridge back into the device.

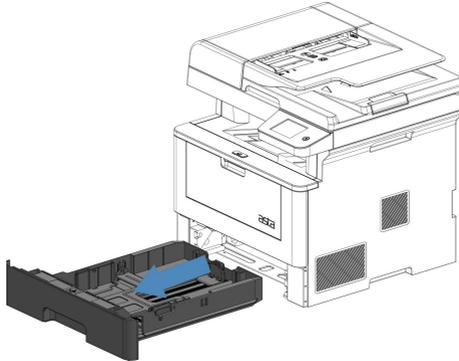


9. Close the front cover of the equipment.

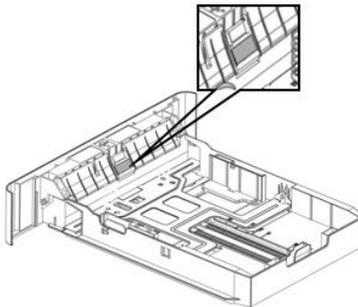
10. Press  to turn on the device.

10.3.2 Cleaning The Take-Up Roller

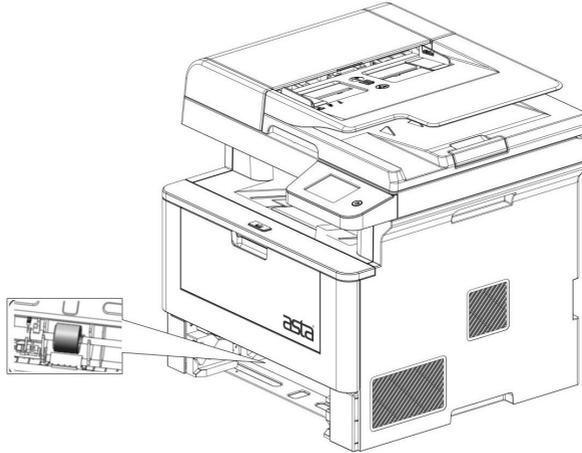
1. Press  and hold to power off the device.
2. Pull the tray completely out of the device.



3. If there is paper or object stuck in the paper box, please take it out.
4. Screw out the lint-free cloth soaked in warm water, and then use this cloth to wipe the dust on the separation pad in the paper box.



5. Wipe the dust on the take-up roller inside the equipment.



6. Reload the paper, and then close the paper tray back into the device.

7. Press  to turn on the device.