



AS-MFP1022NW

Black & White Laser

Multi-Function printer Instruction manual



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

statement

You are welcome to use ASTA products.

Before installing and using this product for the first time, please be sure to carefully read all the information that comes with it, which will help you better understand and use this product. If you fail to operate this product in accordance with the instructions and requirements of this manual, or misoperate this product due to misunderstanding or other reasons, ASTA will not be liable for any losses caused thereby, except for losses caused by incorrect installation or operation by ASTA professional maintenance personnel.

This manual has been carefully proofread and checked, but we cannot guarantee that this manual is completely free of errors and omissions.

ASTA is committed to continuously improving product functions and improving service quality, so it reserves the right to make changes to any product and software programs described in this manual and the content of this manual without prior notice.

The purpose of this manual is to help you understand and use the ASTA product correctly, and does not

represent any explanation of the software and hardware configuration of this product. For product configurations, please consult the contract associated with the product (if any) or consult the seller who sold the product to you. The pictures in this manual are for reference only, if there are individual pictures that do not match the actual product, please refer to the actual product.

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1. Product safety instructions

Before using this product, please read the "Safety Instructions" carefully to ensure safe use. This product and recommended consumables have been tested to meet stringent safety requirements, including safety agency approvals and environmental standards. Failure to follow these instructions may increase the risk of fire, electric shock, burns, or suffocation, and ASTA assumes no responsibility for any damage caused by the user's failure to follow the instructions in this manual.

Follow the warning instructions on this product. Warning signs represent:

 dangerous	A warning to the user that ignoring this information and operating incorrectly could result in death or injury indicates a high level of warning.
 warn	Warning users that ignoring this information and doing it incorrectly could result in death or injury.
 note	Warning the user that ignoring this information and operating

incorrectly may result in injury
to the person or damage to the
machine.

1.1 Electrical Safety



warn

-
1. This product is equipped with an adapter with a three-core grounding plug, that is, the plug contains a third (grounding) pin. This plug is only suitable for use in grounded power outlets and is a safety measure. If you are unable to plug the plug into an outlet, please contact your local ASTA representative and replace the outlet. Do not discard the function of the grounding plug.
 2. This product should be connected to the AC power supply within the range specified in the nameplate. Please check the nameplate of this product to confirm the rated current and voltage.
 3. Do not plug or unplug with wet hands, this may lead to electric shock.
 4. Never place objects on the power line.
 5. Always keep the power plug and socket clean, dusty and humid environment may cause the connector to produce a small current, which may cause heat and eventually lead to fire.

6. In order to avoid electric shock and fire, be sure to use the power cord provided with this product.

The power cord is for use with this product only, do not use it with other products.

Do not damage or alter the power cord.

If the power cord is damaged or the insulated cord is exposed, ask your local ASTA representative for a replacement.



note

1. Before cleaning this product, please turn off the power of the machine and unplug it. Working with the machine powered on may cause electric shock.
2. 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 be deformed or heated.
3. 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.
4. When the machine is not used for a long time, the machine should be turned off and the power plug should be unplugged.

5. The power of this product should be turned off once a month and checked:

- Is the power plug plugged tightly into the outlet?
- Is the power plug overheated, rusted, or bent?
- Are the power plugs and sockets clean?
- Is the power cord cracked or frayed?

If you find any abnormalities, first turn off the power of this product and unplug it, and then contact an ASTA Communication representative.

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

1.2 Installation Security



warn

Do not place this product where the power cord may be stepped on or crossed by others, friction and excessive pressure may cause heat generation and eventually lead to electric shock or fire.



note

1. Do not place this product in the following places:
 - Near a radiator or other heat source
 - Places near flammable materials such as curtains
 - Hot, humid, dusty, or poorly ventilated places
 - Where direct sunlight shines
 - Stay close to cookware or humidifiers
2. Place this product in a well-ventilated location, and do not block the vent of this product to avoid fire caused by overheating.

Make sure to leave room for ventilation and plugging and unplugging, and if something abnormal, unplug this product.

3. Do not make the tilt angle of this product greater than 10 degrees, otherwise, this product may fall and cause injury.

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

- Temperature: 15-32°C
- Humidity: 20-80%

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

5. Do not stack other items on the machine.

6.  The machine is only suitable for safe use in areas below 2000m above sea level.

7.  machine is only suitable for safe use in non-tropical climates.

1.3 Operational Safety



warn

-
1. This product has a safety design, and the operator is not allowed to touch the dangerous parts. Hazardous areas are fitted with covers or baffles that require tools to remove to limit operator access. To avoid electric shock and injury, never remove these covers or baffles.
 2. If the following situations occur, please turn off the power of this product immediately, then pull the plug out of the socket, and hand it over to a professional maintenance personnel for processing
 - The power cord is damaged or worn
 - This product emits smoke or has a high surface temperature
 - This product emits abnormal noise or undesirable odors
 - Circuit breakers, fuses, or other safety devices are activated
 - Liquid enters this product
 - This product is exposed to rain or water

- This product has been dropped or the case has been damaged

3. Never stuff anything into the slots or openings of this product.

Do not place the following items on this product:

- Liquid containers, such as vases or drinking glasses
- Small metal parts, such as staples or clips
- weight

If liquid seeps in or metal parts slip into the inside of this product, it may cause electric shock or fire.

4. Do not use conductive paper, such as origami paper, carbon paper or coated paper coated with a conductive layer. In the event of a paper jam, these papers can cause a short circuit and eventually lead to a fire.

5. When cleaning this product, please use special cleaning materials. The use of other materials may result in a decrease in performance. Do not use spray cleaners as this may cause fire and explosion.



note

1. Please strictly follow all warning instructions marked on or enclosed with this product.

To avoid burns or electric shock, do not touch areas marked with the "High Temperature" or "High Voltage" sign.

2. Do not turn off the electrical or mechanical safety interlock device. Do not place the safety interlock near magnetic materials. Magnetic materials may cause unintentional operation of this product, resulting in injury or electric shock.

3. Do not attempt to remove the paper stuck in the inner side of the product, especially the paper wrapped around the fuser or heating roller, otherwise, it may cause burns. Please turn off the power of this product immediately and contact an ASTA representative.

4. Please keep good ventilation when operating for a long time or printing a large number of times, as unpleasant odors will be produced in poorly ventilated rooms, which will affect the air quality in the office. Good ventilation, a comfortable and safe environment must be ensured.

1.4 Safety of Consumables



warn

1. Store all consumables according to the instructions on the package or container.
2. Do not use a vacuum cleaner to clean up the scattered toner or the remaining toner in this product. Failure to do so can ignite the toner ash inside the vacuum cleaner and cause a potential fire. Use a soft, lint-free, dry cloth to wipe off loose toner.
3. Do not throw the toner cartridge into an open flame. The remaining toner in the toner cartridge may catch fire, causing burns or explosions. If you have toner cartridges that are no longer in use, please contact your local ASTA representative for disposal.



note

1. The toner cartridge should be kept away from children, if the child swallows toner by mistake, the toner should be spit out immediately, rinse with water, and drink more water, and contact the doctor as soon as possible.

2. When replacing the photoreceptor drum and toner cartridge, please be careful not to scatter the toner. If toner is scattered, be careful not to let the toner come into contact with clothing, skin, eyes, mouth, etc., and do not inhale toner.

3. If toner is attached to your skin or clothes, wash it off with soapy water.

If toner particles get into the eye, rinse with plenty of water for at least 15 minutes until the pain disappears, and consult a doctor if necessary.

If toner particles are inhaled, go to a place with fresh air and rinse your mouth with plenty of water.

If toner is swallowed, you should spit it out, rinse your mouth with water, drink plenty of water, and consult your doctor immediately.

1.5 Name and content of hazardous substances in the product

Part name	Hazardous substances					
	lead (Pb)	merc ury (Hg)	cadm ium (Cd)	Hexavale nt chromium (Cr(VI))	Polybromi nated biphenyls (PBB)	Polybromina ted diphenyl ethers (PBDE)
plastics	○	○	○	○	○	○
metal	○	○	○	○	○	○
Printed circuit components	×	○	○	○	○	○
Printed circuit board components	×	○	○	○	○	○
wire rod	○	○	○	○	○	○
presswork	○	○	○	○	○	○
Packaging materials	○	○	○	○	○	○
This form has been prepared in accordance with SJ/T 11364. ○: Indicates that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirements specified in GB/T 26572. ×: It means that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirements specified in GB/T 26572.						

1.6 Reminder of China's Environmental

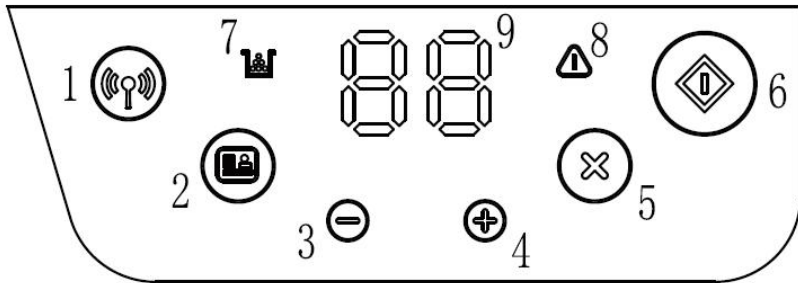
Labeling

- 1、 It is recommended to place devices with noise greater than 63dB in a relatively separate area.
- 2、 Recycled paper can be used.
- 3、 When using a large number of documents for a long time in a room with poor ventilation or printing a large number of documents, ventilation should be done at the right time.

2. General Information

This chapter describes the status information of the control panel of this product.

2.1 Overview of the operation panel



1. WLAN key

WLAN Key Indicator Meaning:

(1) The green light flashes at intervals of 1 second, indicating that the device is in WLAN Routing Mode (STA) connection;

(2) The green light is always on, indicating that the WLAN route mode is normally connected;

(3) The blue light is always on, indicating that the WLAN hotspot mode (AP) is working normally;

(4) The indicator light is off, indicating that the WLAN function of the device is not turned on or the device is not started and is off.

WLAN key function:

(1) When the WLAN function is turned off, press and hold this button for more than 3 seconds to turn on the

WLAN function of the device. (The WLAN mode turned on is the WLAN mode when it was last turned off by default)

(2) When the WLAN function is turned on, press this button once (press and hold for 0.5 seconds) to switch between hotspot mode and route mode.

(3) When the WLAN function is turned on, press and hold this button for more than 3 seconds to turn off the WLAN function of the device.

Note: When the MFP1022NW all-in-one is connected to a wired network, the WLAN routing mode will be automatically turned off and the hotspot mode will not be affected.

2. ID card copy button

ID card copy key indicator meaning:

(1) The light is on, indicating that the device is in ID card copying mode;

(2) The light is off, indicating that the device is in normal copy mode.

ID card copy key function:

(1) When the device is in ID copy mode, press this button to exit ID copy mode;

(2) When the device is in normal copy mode, press this button to enter the ID card copy mode.

3. "--" key

The "--" key indicator is solid when standby.

"-" key function:

- (1) Reduce the number of copies by 1 at a time;
- (2) Press and hold for 3 seconds to reduce the number of copies by 10.

4. "+" button

The "+" key indicator is solid when standby.

"+" key function:

- (1) Increase the number of copies by 1 at a time;
- (2) Press and hold for 3 seconds to increase the number of copies by 10.

5. Cancel key

Cancel key indicator meaning:

(1) When standby, the cancellation button indicator is off;

(2) The indicator of the cancel button in the task is always on;

(3) When the paper is jammed and the paper is missing, the indicator light is always on.

Cancel key function:

(1) Press this button once in the task to cancel the task;

(2) Press this button once when there is an error in paper jam or paper shortage, and the error state will be cleared and the standby state will be restored.

6. Start button

Boot Key Indicator Meaning:

(1) The indicator light is always on when standby;

(2) The indicator flashes at intervals of 1s, indicating that the device is in task;

(3) The indicator flashes at intervals of 2s, indicating that the device is asleep;

(4) The indicator light flashes rapidly at 0.5s intervals, indicating that the device is waiting for manual double-sided printing, the second side of ID card copying, and the next page of N-in-1.

Start button function:

(1) Press and hold this button for 3s in standby mode, and the device will print the information page;

(2) Press this button once in standby mode, and the device will start copying;

(2) Press this button once in the sleep state to wake the device from sleep;

(3) When the device is out of paper, after loading the paper, press this button once to continue printing;

(4) When waiting for the manual double-sided, press this key 1 time to start printing the second side;

(5) In the ID card copying mode, press this button once when the first side is scanned to start the second side of the ID card copying;

7. Toner LED

Toner LED Indicator Meaning:

(1) The indicator light is always on, indicating that the device is not installed or does not recognize the toner cartridge, and the toner cartridge life is exhausted;

(2) The indicator flashes at intervals of 2s, indicating that the toner cartridge is insufficient.

8. Alarm LED

Alarm LED Indicator Meaning:

The alarm LED indicator is always on, indicating the status of the upper cover of the device, paper jam, paper shortage, machine failure, etc.

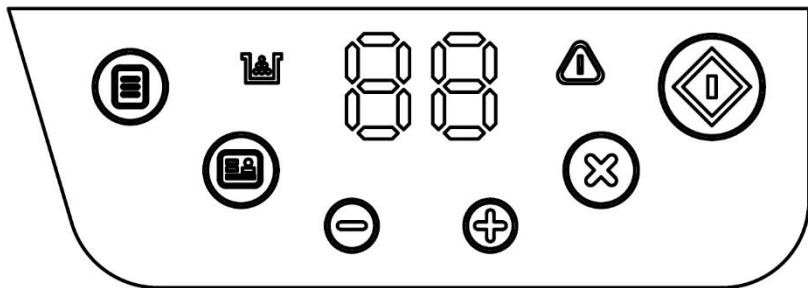
9. Digital LED

Digital LED Indicator Meaning:

The digital LED indicator is always on during standby, and the number shown indicates the corresponding number of copies.

Remarks:

If you are using a machine that does not have the WLAN function, the Wi-Fi key will be changed to the information page key, and you will print 1 copy of the information page for each click. See the figure below for details

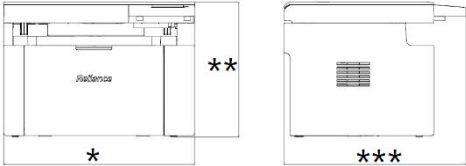


2.2 Status Information

Device status information	meaning
Cooling	The device is cooling. Wait for a few seconds or until the inside of the device is completely cool.
Canceling printing	The machine is canceling the job.
Please wait	The device is warming up.
Printing	The device is printing.
ready	The device is ready for printing.
dormancy	Sleep mode (energy saving mode) is equivalent to a power-off state, but the device can still receive data, and the device can activate the device and start printing when it receives the print job.
Manual double-sided second-sided printing	The first side of the double-sided task of the device is completed, and the second side is waiting. Place the paper in the splicing tray into the paper tray without changing the paper orientation, and then click the start button to continue printing.

3. Product specifications

3.1 General Specifications

All-in-one machine		MFP1022NW
Printing method		Laser printing
power supply		AC 220 (1±10%) V, 50Hz ±1HZ
size		 Unit: mm * 350 ** 245 *** 320
Weight (including consumables).		About 66kg
noise	Job	≤58dB (A)
temperature	Job	15℃ ~ 32℃
	reserve	-25℃ ~ 40℃
humidity	Job	20%RH ~ 80%RH(无凝露)
	reserve	30%RH ~ 93%RH (无凝露)

3.2 Print Media Specifications

Paper input	Carton (Standard).	The type of paper	Ordinary paper, recycled paper, thin paper, thick paper, super thick paper
		Paper size	A4, A5, A6, B5, B6, Letter, 32k, 16k, 支票 (85×170), 自定义: 宽度: 100-216mm; 长度: 148-356mm
		The weight of the paper	60 ~ 163 g/m ²
		Maximum paper capacity	Up to 150 sheets of plain paper of 70 g/m ²
Paper output	Paper outlet	Up to 100 sheets of 70 g/m ² plain paper (front side down to paper outlet).	
Double-sided printing	Manual Double-sided print	The type of paper	Plain paper, recycled paper, thin paper, thick paper
		Paper size	A4, A5, A6, B5, B6, Letter, 32k, 16k, 自定义: 宽度: 100-216mm; 长度: 148-356mm
		The weight of the paper	60 ~ 163 g/m ²

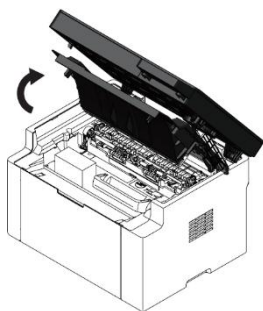
3.3 Print Specifications

Double-sided printing		Manual double-sided
Simulation language		GDI
resolution		1200×1200dpi、600×600dpi
Print speed	Single-sided printing	20ppm/22ppm ^{*1}
The first page was printed		8 seconds or less

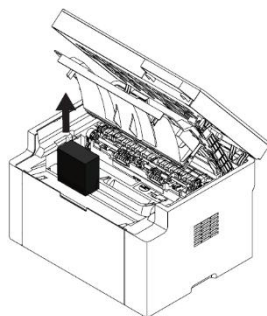
Fourth, quick installation instructions

4.1 Machine Installation Instructions

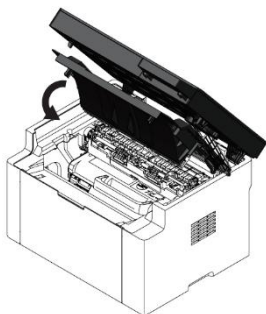
1. Remove the packaging material and install the drum unit.



① Open the lid
cartridge pad



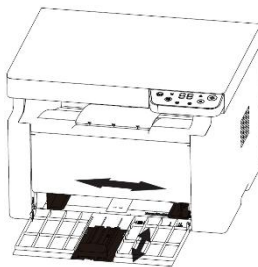
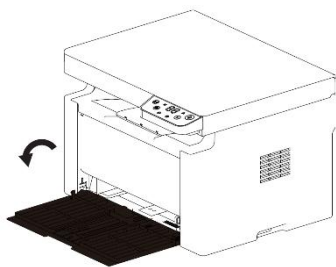
(2) and remove the toner



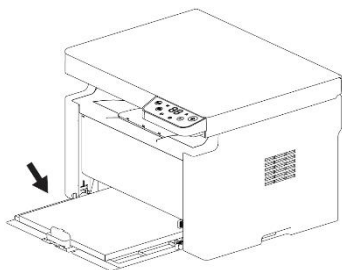
② Close the lid

! Note: ☆ If you do not use the packaging material, please send it to the local recycling company for disposal so that it can be recycled.

2. Load the paper into the paper tray.

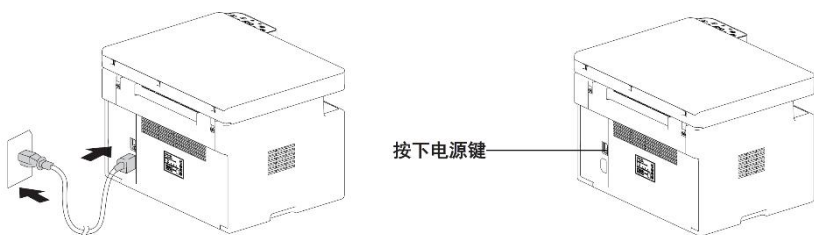


① Open the front cover (2) and adjust the paper bezel



(3) Put in the paper

3. Connect the power cord and press the power button of the device.



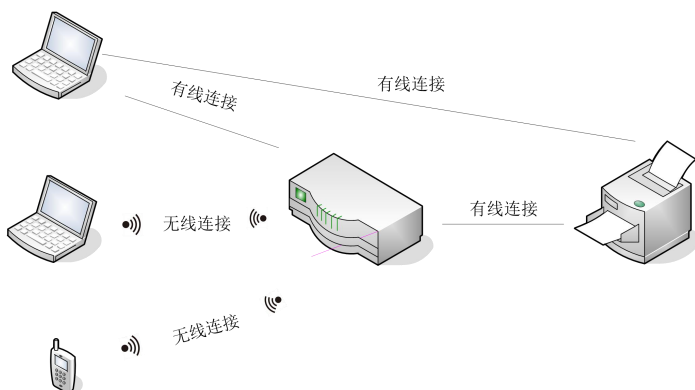
(1) Connect the power cord (2) Press the power switch

4.2 Device Connection Instructions

4.2.1 USB Device Connection

When you choose a USB connection, make sure to connect your computer with your device via a USB cable.

4.2.2 Wired network connection



When you choose a wired network connection method, you can use a network cable to connect your computer directly to the all-in-one machine, or you can connect the computer to the all-in-one computer by connecting it to a router. You can refer to the following steps to connect the all-in-one PC to the wireless router with wire.

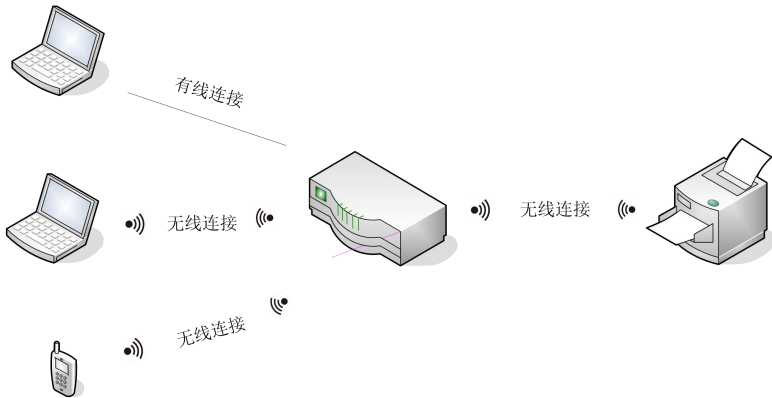
1. Connect the all-in-one to the wireless router with a network cable;
2. Connect your computer or smartphone to your wireless router;
3. Use the driver software to add the all-in-one on the computer, and add the all-in-one machine through the APP software on the smartphone.

Wired network connection:

Use a network cable to connect the all-in-one to the computer directly or to the router where the computer is located, build a LAN connection, power on the all-in-one and turn on the power switch.

If the all-in-one machine is directly connected to the computer with a network cable, you only need to set IPV4 to automatically obtain it in the computer network settings. For more information about configuring the wired network of the all-in-one machine, see 4.33 All-in-one wired network configuration".

4.2.3 Wi-Fi Connection



Use the following steps to wirelessly connect the all-in-one to your wireless router.

1. Connect the all-in-one to the wireless router wirelessly;
2. Connect your computer or mobile phone to the wireless router;
3. Use the all-in-one assistant on the computer to add the all-in-one machine, and add the all-in-one machine through the software on the smartphone.

Wi-Fi connection:

Turn on the all-in-one wireless switch: Press and hold the WLAN button for 3 seconds, the WLAN button indicator lights up, and the all-in-one wireless switch is turned on. If you need to modify the hotspot of the all-in-one machine, see "[4.3."6 All-in-one wireless network configuration](#)".

If the all-in-one is in hotspot mode, you can connect the computer to the all-in-one hotspot and install the driver. If the all-in-one is in router mode, you need to connect the computer to the same wireless network as the all-in-one and install the driver.

4.2.4 Mobile Network Connection



1. Turn on the hotspot of the all-in-one machine;
- 2、在计算机或智能手机上连接名为 “MFP1022NW_xxxx” 的无线网络;
3. Use the all-in-one assistant on the computer to add the all-in-one machine, and add the all-in-one machine through the software on the smartphone.

Hotspot Mode Connection:

1. Switch the all-in-one to hotspot mode: After turning on the all-in-one wireless switch, short press the all-in-one WLAN button for 0.5 seconds to switch the all-in-one wireless mode,

when the WLAN button indicator is blue, the all-in-one is in hotspot mode.

2. Connect your computer to the all-in-one hotspot:

The initial hotspot name is: "MFP1022NW_" plus "random number"

The initial hotspot password is: 12345678

(If you need to modify the all-in-one hotspot, see 4.3.5 All-in-one hotspot configuration).

4.3 Windows Driver Installation Instructions

This all-in-one computer is compatible with most 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 uses Windows 7 (Enterprise Edition) as an example to describe how to install and uninstall the All-in-One Driver (MFP1022NW).

4.3.1 Install the local all-in-one driver

Administrator privileges are required to install the driver, please use the administrator account to log in to the computer. Close all running applications, and it is recommended to turn off the antivirus software.

Before installation, please use the matching USB cable to connect the all-in-one to the computer, and then turn on the all-in-one 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 function properly".

Download the corresponding machine driver from the official website of ASTA office (www.astaoffice.com).

1、Open the downloaded file, double-click the "MFP1022NW_DriverManager.exe" driver, and the "Astar MFP1022NW Driver Manager Software" pops up. This software can install the driver with one click, or you can customize the driver installation.



2. One-click driver installation: Select "Install USB device" to install the driver with one click. After the following warning box pops up, select Always install this driver software.



Wait a while to indicate that the installation is complete and click OK.



The local print driver was successfully installed.



3. Custom installation driver: If you use one-click installation, you can skip this section after installing the driver. If you don't use one-click installation and want to try to customize the installation driver, you can click "Custom Installation". The following interface pops up:



Select the MFP1022NW, click Install, and select "Always install this driver software" after the following warning box pops up.



Wait for a while, the installation will be completed, click OK.



The local print driver was successfully installed. See diagram below.



Click the Exit button to complete the installation of the local print driver.

4.3.2 Install the network all-in-one driver

The network connectivity of this model of all-in-one supports wired network connection, hotspot connection, and wireless routing connection.



- After installing the driver in one of the network connection modes, the driver in the other two connection modes can be used normally without the need to install it again.
-

Let's take a wired network connection as an example to describe the installation of a network driver:

- 1、 Connect the computer to the network interface of the all-in-one machine with a network cable, and the all-in-one machine will be powered on and powered on to ensure that the all-in-one network and the computer are under the same local area network.
- 2、 Restart the "MFP1022NW_DriverManager.exe" driver, and the "ASTA MFP1022NW Driver Management Software" will pop up. This software can install the driver with one click, or you can customize the driver installation.



- 3、 One-click driver installation: Select Install Net Device to install the driver with one click. After the following warning box pops up, select Always install this driver software.



Wait for a while, the installation will be completed, click OK.



Successfully installed the network appliance driver.



- 4、Custom Installation Driver: If you use one-click installation, you can skip this section after installing the driver. If you don't use one-click installation and want to try to customize the installation driver, you can click "Custom Installation". The following interface pops up:

MFP1022NW

已更新设备信息.

刷新

安装

选择设备进行安装

☒	设备(连接但未安装)	打印端口
	MFP1022NW	TE08008900

安装

☐ 手动输入打印机的域名或IP地址

卸载

选择设备进行卸载

☐	设备(已安装)	打印端口
	MFP1022NW	USB026

卸载

一键卸载

版本: 0.1.0.9

语言: 简体中文

退出



Failed to get the IP address of the all-in-one machine!
Check your network connection, or consult your network administrator.

If you know the IP address of the all-in-one network, you can enter it manually.

Tick the MFP1022NW_NET, click Install, and after the warning box pops up, select "Always install this driver

software". Wait for a while, the installation will be completed, click OK.



The network print driver has been successfully installed, as shown in the figure below.



Click the Exit button to complete the installation of the network print driver.



- If the driver fails to be installed, check whether the network cable is connected properly or try to replace it with a new network cable.
- After installing the all-in-one driver, try not to change the name of the all-in-one machine, otherwise it will easily cause problems in

[Special Notice]:

1. If the driver installation fails, please try to temporarily turn off the anti-virus software and related computer protection, and then reopen it after the driver is installed.
2. After installing the all-in-one driver, try not to change the name of the all-in-one machine, otherwise it will easily cause problems in uninstalling and reinstalling the driver.

4.3.3 All-in-one wired network configuration

Before configuring the wired network of the all-in-one machine, make sure that the all-in-one machine and the computer are on the same network and build a LAN connection. Access the IP address of the all-in-one machine through the desktop web page, and enter the all-in-one management website for configuration.

- 1、 Use a network cable to connect the computer to the network interface of the all-in-one, and the all-in-one is powered on and powered on.
- 2、 When the all-in-one is in standby mode, press and hold the start button for more than 3 seconds to print the information page and view the DHCP switch and IP information in wired

mode of the all-in-one machine. (Some models can directly click on the information page 3 to print the information page)

3、Configure computer network information by information page:

(1) If DHCP is enabled in wired mode on the information page, set IPV4 in the computer network to automatically obtain it, and print the information page again to view the IP address of the all-in-one machine after the IP assignment is completed.



(2) If DHCP is turned off in wired mode on the information page, set IPV4 in the computer network to manual input, and configure the computer network information according to the wired network information of the all-in-one machine in the information page, so that the computer and the all-in-one machine are in the same network segment. As:

The wired network information of the all-in-one machine on the information page is as follows:

IP 192.167.17.100

Subnet mask 255.255.255.0

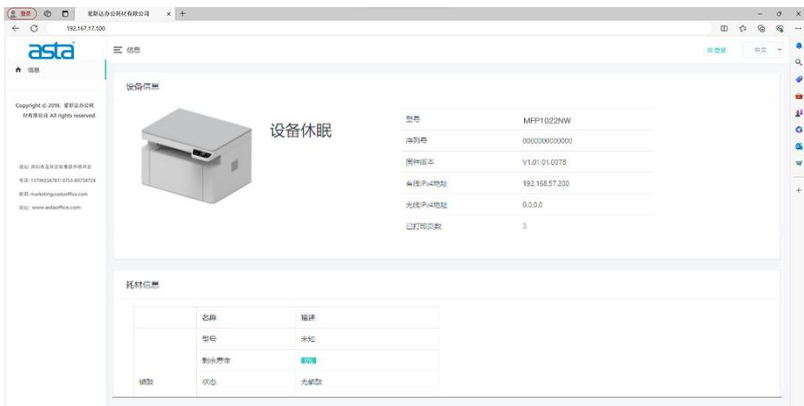
gateway 192.167.17.254

The corresponding modification of computer network information is as follows:



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

4、Enter the IP address of the all-in-one in your computer browser to access the all-in-one management website.



5、Click the "Login" button in the upper right corner to log in as an administrator

Administrator account: admin

Default password: 000000

登录

×

用户名

密码

👁

登录

6、After successfully logging in to your administrator account, click the "Settings" button in the left navigation bar to enter "Network Settings".



7、Modify the wired network settings of the all-in-one machine as needed, and click Submit.

有线网络配置

DHCP状态	手动设置
IP地址	192.167.17.100
子网掩码	255.255.255.0
网关	192.167.17.254

提交

8、After the wired network information of the all-in-one machine is modified, you need to reconfigure the computer network IPV4 information to ensure that the computer and the all-in-one computer are connected to the same local area network, otherwise you will not be able to continue to access the all-in-one management website.

4.3.4 All-in-one hotspot configuration

Once the local all-in-one driver is properly installed, you can configure and modify the all-in-one hotspot information, such as changing the hotspot name, hotspot password, and encryption method, through the MFP1022NW Wi-Fi Setup Tool program in the Start menu. You can also access the IP address of

the all-in-one machine through the computer web page, and enter the all-in-one management website for configuration and modification.

1、Connect the computer to the USB port of the all-in-one with a USB cable, and the all-in-one will be powered on and powered on.

2、Click on the "Start" menu on your computer and select "All Programs" - "MFP1022NW" - "MFP1022NW Wi-Fi Setup Tool".

3、Select "Hotspot Mode" and configure the hotspot information of the all-in-one machine:

The initial hotspot name is MFP1022NW_ followed by random numbers and letters.

The initial hotspot password is: 12345678

已连接设备，请设置网络参数

型号选择: MFP1022NW

☐ 客户端模式 ☒ 热点模式

WLAN: MFP1022NW_ddfdf 认证模式: WPA2PSK_AES

密码: ***** ☐ 密码可见

☐ 自动获得IP地址 ☒ 使用下面的IP地址

IP

当前IP地址: 192.168.137.2	IP 地址: 192 . 168 . 137 . 2
当前子网掩码: 255.255.255.0	子网掩码: 255 . 255 . 255 . 0
当前默认网关: 192.168.137.254	默认网关: 192 . 168 . 137 . 254

语言: 简体中文

设置 取消

4、Modify the hotspot name, encryption method, and hotspot password as required.

5、Define the IP address of the device according to the rules, for example:

IP	192.168.137.2
----	---------------

Subnet mask	255.255.255.0
-------------	---------------

gateway	192.168.137.1
---------	---------------

6、Click OK to complete the hotspot configuration of the all-in-one machine.

4.3.5 All-in-one wireless network configuration

Once the local All-in-One driver is properly installed, you can modify the All-in-One wireless network information, connect the All-in-One to an available wireless network, or switch wireless networks through the MFP1022NW Wi-Fi Setup Tool program in the Start menu. You can also access the IP address of the all-in-one computer through the web page of the computer, enter the all-in-one management website, and enter the wireless network information modification.

(Note: The All-in-One Management website cannot switch the wireless network connected to the All-in-One Machine, if you need to change the wireless network connected to the All-in-One Machine, please follow the steps below to modify it.))

- 1、 Use the matching USB cable to connect the all-in-one to the computer, and then power on the all-in-one.
- 2、 Click on your computer's Start menu and select "All Programs" - "MFP1022NW" - "MFP1022NW Wi-Fi Setup Tool".
- 3、 Select Client Mode to configure the wireless network information of the all-in-one machine.

MFP1022NW WLAN工具

已连接设备，请设置网络参数

型号选择: MFP1022NW

☒ 客户端模式
 ☐ 热点模式

可用WLAN: MFP1022NW_747185 刷新WLAN

已配置的王LAN: ssid

密 码: ***** ☐ 密码可见

☒ 自动获得IP地址
 ☐ 使用下面的IP地址

IP

当前IP地址:0.0.0.0	IP 地址:	0 . 0 . 0 . 0
当前子网掩码:0.0.0.0	子网掩码:	0 . 0 . 0 . 0
当前默认网关:0.0.0.0	默认网关:	0 . 0 . 0 . 0

语言: 简体中文

设置 取消

4、Click "Settings" to complete the all-in-one wireless network configuration.

4.3.6 Uninstall the all-in-one drive

Administrator privileges are required to uninstall the driver, so log in to the computer with an administrator account. Close all running applications, and it is recommended to turn off the antivirus software.

There are two ways to uninstall the all-in-one driver:

1. Click  (Start) > Control Panel > Programs and Functions > Uninstall or change programs, find MFP1022NW Driver Manager, right-click Uninstall, MFP1022NW can be unmounted.
2. Click  (Start) > All Programs > MFP1022NW > MFP1022NW driver management software.

The following interface can pop up: you can choose to select a device and click "Uninstall", or you can directly click "One-click Uninstall" to uninstall all the devices in the list.

MFP1022NW

已更新设备信息.

刷新

安装

选择设备进行安装

设备(连接但未安装)	打印端口

安装

☐ 手动输入打印机的域名或IP地址

卸载

选择设备进行卸载

设备(已安装)	打印端口
☒ MFP1022NW_NET	TE08008900
☒ MFP1022NW	USB026

卸载

一键卸载

版本: 0.1.0.9

语言:

简体中文

退出

1) In the interface, check the all-in-one driver you want to uninstall, and click the "Uninstall" button. The following prompt pops up:

60



Click the "Yes" button, wait for a while, and you will be prompted that the uninstallation is complete:



Click the exit button to complete the uninstallation of the driver.

2) In the interface, click the "One-click Uninstall" button, and the following prompts will pop up:



Click the "Yes" button, and the following prompt will pop up:



Click the "Yes" button, wait for a while, and you will be prompted that the uninstallation is complete:



Click the exit button to complete the uninstallation of the driver.

4.3.7 Troubleshooting and Support

4.3.7.1 Installing the network print driver cannot automatically obtain the IP address

Some versions of Windows may have the problem that the IP address of the all-in-one cannot be automatically obtained when setting the network printer driver in the network print driver, which may be caused by the following aspects:

- The network connection between the all-in-one PC and the computer is abnormal, please check the network cable connection status and try again.
- If the network communication permission of the Windows system is abnormal, we recommend that you contact the system vendor.

Users can manually enter the IP address of the all-in-one machine to continue to install the network print driver, and the normal use of the all-in-one machine will not be affected in the future.

4.3.7.2 Driver Installation Failure

If the driver installation fails, please try to temporarily disable the antivirus software and related computer protection, and then turn it back on after the driver is successfully installed.

After the driver is successfully installed, do not change the name of the all-in-one machine, otherwise it will easily cause the driver to be uninstalled or reinstalled.

4.3.7.3 Inconsistencies in the operation process

The Windows system used in this section is Windows 7, and there will be some differences in the specific operation process and operation interface between different versions of the same system or different system versions, for example, there are some differences between the versions of Windows 8 and above and the versions below Windows 8 when setting the computer network IP, but the custom IP addresses are defined in the network properties IPV4. If you have any questions during use, please contact the system provider or the sales or after-sales personnel of ASTA.

4.4 Linux Driver Installation Instructions

4.4.1 Determine the all-in-one drive

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

4.4.1.1 Query system information

Users can find the "My Computer" or "Computer" icon on the desktop, right-click the mouse to select Properties, and enter the Properties dialog box to view the CPU architecture and system version of the machine, as shown in the uos system in the figure below, you can see that the CUP is ZHAOXIN (abbreviated as amd) and the system is UnionTech UOS system.



If you can't find the "My Computer" or "Computer" icon on the desktop, you can right-click or use the shortcut key "Ctrl+Alt+T" to start the terminal, enter "uname -a" in the terminal, press the Enter key to view the CUP information, and enter "cat /etc/issue" again to press the Enter key to view the system information. For example, as shown in the figure below, the CUP architecture is ZHAOXIN (amd64) and the system is UnionTech OS.

```
toecfax@toecfax-PC: ~/Desktop
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$
```

4.4.1.2 Select the driver package

Copy the driver package from the random drive disc to the local disk, decompress it and enter the main folder, which contains three folders: UnionTech UOS, Kirin V10, and Kirin V10SP1, which represent the three domestic operating systems that are adapted, and the file diagram is shown below.

 UnionTec  Kirin V10  Kirin

Each operating system folder contains folders adapted to different CPU architectures, namely amd64, arm64, loongarch64, and mipsel, as shown below.

 amd64  arm64  loongarch64  MIPSEL

Among them, amd64 refers to Zhaoxin 64-bit processor, arm64 refers to Feiteng (or Kunpeng) 64-bit processor, Loongarch64 refers to Loongson 5000

processor (64-bit), and MIPSEL refers to other series of Loongson processors.

Taking the Kylin V10SP1 system Loongson 64-bit processor (AMD64) as an example, the diagram of the adapted driver file is shown below.

 `toec-toec20series_2.0-0.10_V10SP1_mips64el.deb`

驱动文件名的命名方式主要分为三部分，分别为驱动名称、版本号、cpu 架构。以上方示意图中的驱动为例，“com.asta.asta22series”和“com.asta.asta22series_”
“statemonitor” represents the driver name, 2.0-0.10 represents the driver version, and mips64el represents the adapted CPU architecture.

2.4.2 to 2Section 4.3 mainly introduces the driver installation and uninstallation process of UnionTech UOS system and Kylin system, because Kylin V10 system and Kylin V10SP1 system both belong to Kylin operating system, the driver installation and uninstallation process is similar, so I will not make a difference here, if you encounter problems in the actual installation process, you can consult the sales staff or after-sales personnel of ASTA.

4.4.2 UnionTech UOS all-in-one driver installation and uninstallation

4.4.2.1 Driver Installation

Take the Loongson 64-bit (amd64) driver of UnionTech UOS system as an example, turn on 2 The decompressed files mentioned in section 4.1.2 are entered into UnionTech UOS and amd64 folders in turn, and the meanings of each part of the driver name are referred to 2Section 4.1.2.

There are two main driver installation methods: double-click driver installation and terminal command installation, and then the two installation methods are explained in turn.

1、Double-click the driver to install

(1) Double-click the all-in-one driver:

“com.asta.asta22series_2.0-0.10_mips64el.deb”, Click “Install” in the installation interface that pops up.

(2) If the authentication dialog box such as “Authentication is required to install or remove the software” pops up during the installation process, please enter the password of the computer system

(usually the boot password), click "OK" and click "Install" again to proceed to the next step.

(3) Wait for the progress bar to finish, and it will prompt "Installation Successful", click Finish to successfully complete the installation of the all-in-one driver.

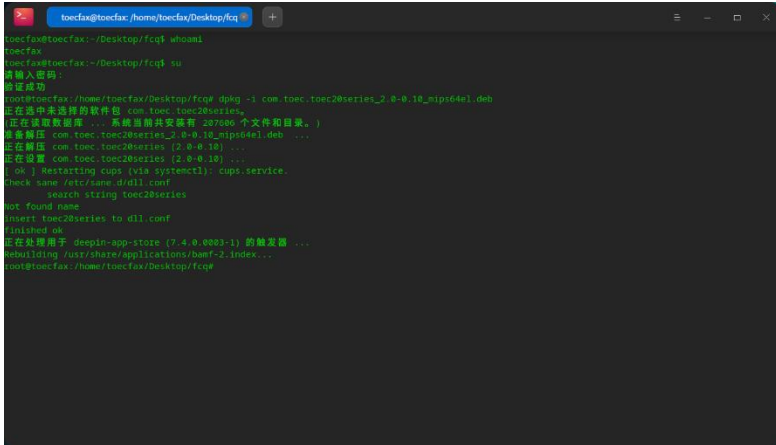
(4) After successful installation, the "ASTA 22 series Management Tools" widget will appear in the start menu of the computer.

2、Terminal command installation

(1) Right-click the blank space of the folder where the driver is located to open the terminal or use the shortcut key "Ctrl+Alt+T" to open the terminal and enter the folder path where the driver is located.

(2) Enter "`whoami`" in the terminal, press the enter key to view the current user name, if the user is root, it means that it already has administrator permissions, if it shows non-"`root`", please enter "`su`". After pressing the Enter key, the terminal will prompt "Please enter the password:", then enter the administrator password (the terminal will not prompt anything when entering the password), and press the enter key to switch to root permission.

(3) 使用指令“`dpkg -I [驱动名称]`”安装驱动，终端输入“`dpkg -i com.asta.asta22series_2.0-0.10_mips64el.deb`”，按回车键等待驱动安装。



```
toecfax@toecfax: /home/toecfax/Desktop/fcq %  
toecfax@toecfax:~/Desktop/fcq$ whoami  
toecfax  
toecfax@toecfax:~/Desktop/fcq$ su  
请输入密码:  
验证成功  
root@toecfax:/home/toecfax/Desktop/fcq# dpkg -i com.toec.toec20series_2.0-0.10_mips64el.deb  
正在选中要处理的软件包: com.toec.toec20series.  
正在读取数据库 ... 系统当前共安装有 287996 个文件和目录。)  
准备解压 com.toec.toec20series_2.0-0.10_mips64el.deb ...  
正在解压 com.toec.toec20series (2.0-0.10) ...  
正在设置 com.toec.toec20series (2.0-0.10) ...  
ok.) Restarting cups (via systemctl): cups.service.  
check same /etc/sane.d/dll.conf  
search string toec20series  
not found name  
insert toec20series to dll.conf  
finished ok  
正在处理用于 deepin-app-store (7.4.0.0003-1) 的触发器 ...  
rebuilding /usr/share/applications/deepin-2.index ...  
root@toecfax: /home/toecfax/Desktop/fcq#
```

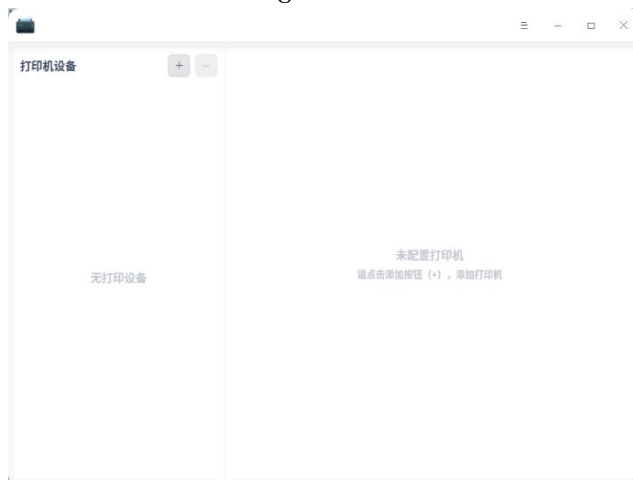
(4) As shown in the figure above, when the terminal automatically jumps to the next line and waits for the input command status, and the installation process outputs the log as shown in the above figure, the driver installation is completed.

4.4.2.2 Add an all-in-one machine

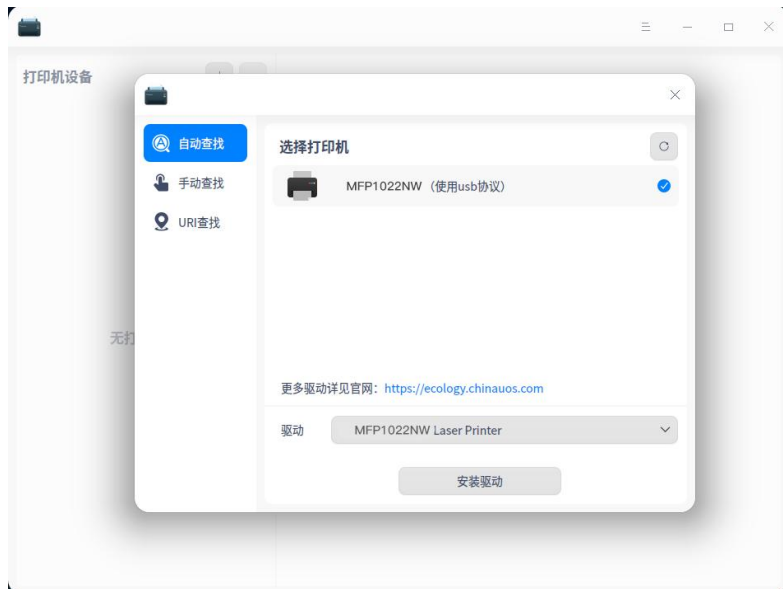
There are two kinds of all-in-one machines: adding local all-in-one machines and adding network all-in-one machines, which represent two transmission modes of USB transmission and network network transmission, respectively.

1、Add an on-premises all-in-one

(1) Click the start menu in the lower left corner of the computer desktop, find "Print Manager" and click to enter the Print Manager interface.



(2) Click the button above  to enter the Add All-in-One dialog box, and the system will automatically find and list the currently connected All-in-One MFP1022NW.

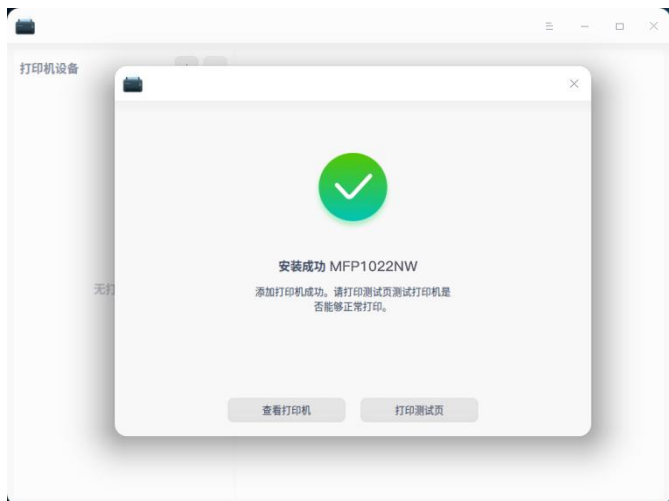


Special Note: If the MFP1022NW all-in-one machine is not listed in the current dialog box, you need to manually click the button on the right  to manually search for it.

If you still can't find the all-in-one machine, please check whether the USB cable is connected normally or check whether the all-in-one is turned on, if the above methods cannot solve the problem, please contact the sales staff or after-sales personnel.

(3) Select the all-in-one machine that has been found, and click the installation driver below to proceed to the next step.

(4) A prompt will appear that the installation is successful, click "Print Test Page", and then the all-in-one machine will start to work and type out a "Print Test Page".

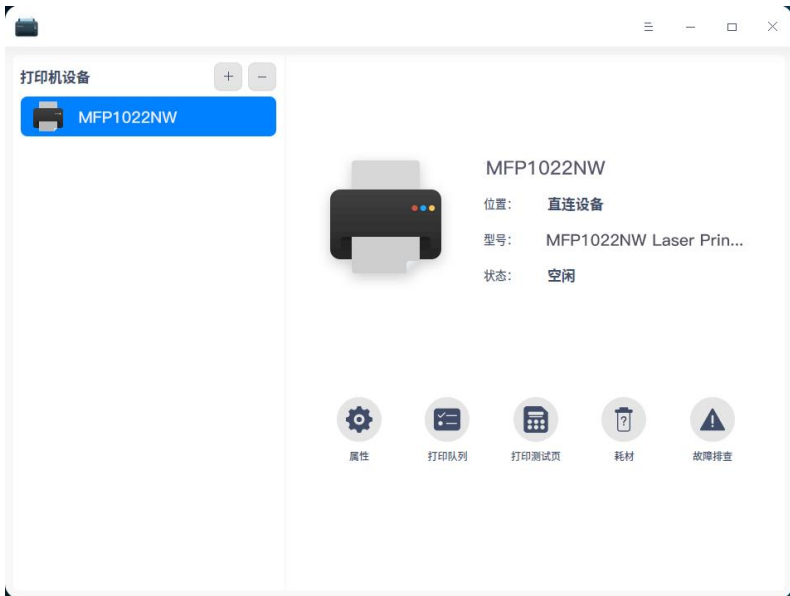


(5) If the test page is normally typed on the all-in-one device, select Yes. If the All-in-One does not print test pages properly, select No.



Users can click "Troubleshooting" to view the problem, 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 the addition is successful, the Appliance Devices list displays the currently added Appliance devices.



2、Add a network appliance

Adding a network appliance is divided into two parts: IP address setting and print manager adding a network appliance.

(1) Click the Start menu in the lower left corner of the computer desktop, find "ASTA 22 series Management Tools", and click to enter the all-in-one computer setup tool.



(2) Click OK in the "All-in-One IP Setup Tool" to enter the "ASTA A4 All-in-One IP Setup Tool" to view the IP information of the current All-in-One Machine. Select Use Static IP Address (Disable DHCP on the Appliance Function) and set the static IP address, subnet mask, and gateway. Click OK to save and write the current static IP address of the all-in-one machine.

For details on how to use the ASTA A4 All-in-One IP Setup Tool, refer to 2Section 4.4.2 Instructions for using the ASTA A4 All-in-One IP Setup Tool.

ASTA A4打印机IP设置工具

打印机 MFP1022NW 查找打印机

☐ 自动获取IP地址(即开启打印机DHCP功能)

☒ 使用静态IP地址(即关闭打印机DHCP功能)

静态IP设置

IP 192.168.57.200

子网掩码 255.255.255.0

网关 192.168.57.254

获取当前IP 确定 取消

(3) Confirm that the all-in-one machine is connected to the computer network normally, enter the computer control center, select the network, and enter the "wired network" option.

(4) Click the button below  to set the "Method" of IPV4 to "Manual", and fill in the "IP address", "subnet mask" and "gateway" IP address information.

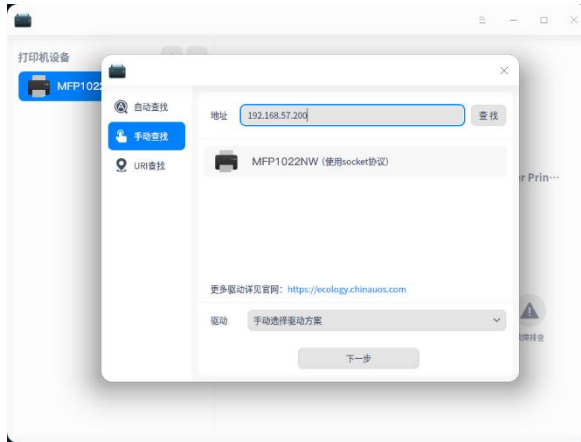
【Special Tips】 The network IP address of the computer should belong to the same network segment as the IP address of the all-in-one machine, and the IP of other PCs in the LAN should not conflict with the IP address of the all-in-one machine.

(5) After filling in, click "Save" and click to connect to the current network.

(6) Open the "Print Manager" again, click  the button to enter the Add All-in-One dialog box, and the system will automatically find the All-in-One Network and list the currently connected All-in-One MFP1022NW.



If you can't find the all-in-one network appliance in the Select All-in-One list, click Manually and enter the IP address of the all-in-one in the left address bar (default all-in-one IP: 192.167.17.100).

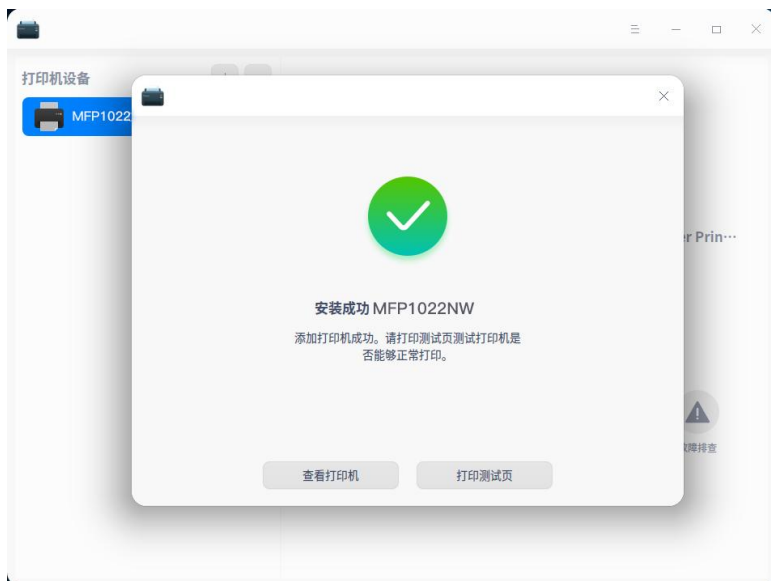


(7) Select and click "ASTA MFP1022NW (using socket protocol)" or "Unknown" (using socket protocol) on the network all-in-one machine, and if the system pops up the prompt box "The driver has been matched, please try again after connecting to the network", click OK to close the prompt box.

(8) Click Next.



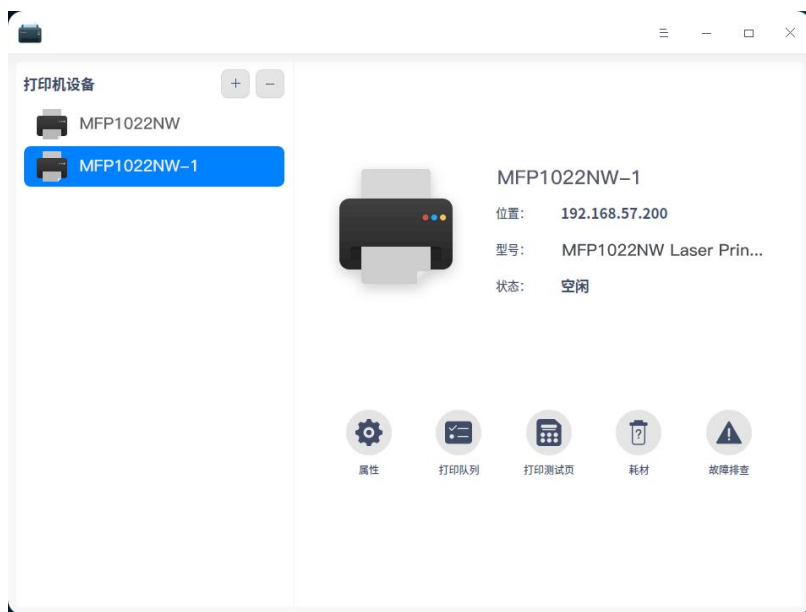
(9) A prompt will pop up that the installation is successful, click "Print Test Page", and then the all-in-one machine will start working and type out a "Print Test Page".



(10) If the test page is normally typed on the all-in-one device, select Yes. If the All-in-One does not print test pages properly, select No.

Users can click "Troubleshooting" to view the problem, 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.

(11) After the addition is successful, the Appliance Devices list displays the currently added Appliance devices.

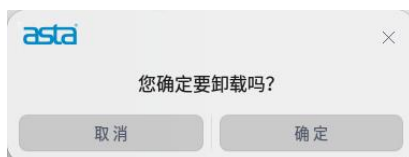


4.4.2.3 Uninstall the driver

There are two common ways to uninstall a driver, and the two methods are explained in turn.

1、Remove from the Start menu

(1) Find "ASTA 22 series Management Tools" in the start menu, right-click and select "Uninstall", and select "OK" in the pop-up dialog box to complete the driver uninstallation.



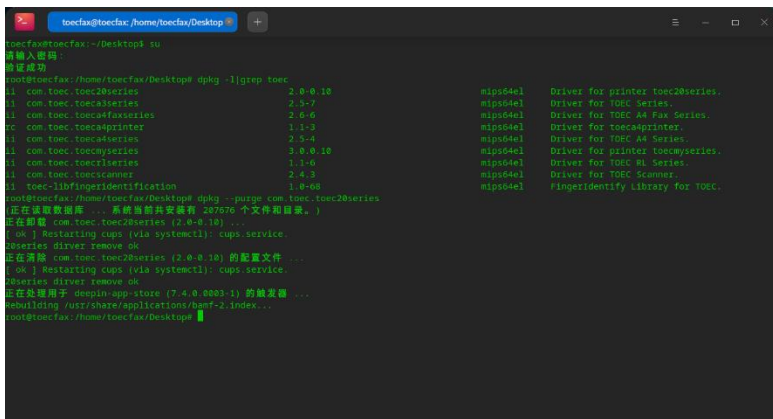
2、Remove from the terminal

(1) Right-click on the blank space of the computer desktop or use the shortcut key "Ctrl+Alt+T" to start the terminal, and enter the root administrator permission (Note: Please refer to 2Section 4.2.1, Terminal Command to Install Driver).

(2) Enter `dpkg -l|grep asta` in the terminal and press enter to view the installed drivers.

(3) Use the terminal command "`dpkg --purge [driver name]`" to uninstall the driver. Enter "`dpkg --purge com.asta.astaa4bprinter`" in the terminal, press Enter and wait for the uninstallation to complete.

(4) When the progress is displayed in the following figure, and the terminal automatically jumps to the next line and waits for the input command status, the driver has been uninstalled.



```
toecfas@toecfas: ~/home/toecfas/Desktop
toecfas@toecfas: ~/Desktop$ su
请输入密码:
密码成功
root@toecfas: ~/home/toecfas/Desktop# dpkg -l|grep toec
ii com.toec.toec20series          2.0-0.10             mips64el    Driver for printer toec20Series.
ii com.toec.toec4series          2.5-7                mips64el    Driver for TOEC 4Series.
ii com.toec.toec4series          2.6-6                mips64el    Driver for TOEC 4A Fax Series.
rc com.toec.toec4printer        1.1-3                mips64el    Driver for toec4printer.
ii com.toec.toec4series          2.5-4                mips64el    Driver for TOEC 4A Series.
ii com.toec.toecwseries          3.0-0.10             mips64el    Driver for printer toecwseries.
ii com.toec.toecwseries          1.1-4                mips64el    Driver for TOEC W1 Series.
ii com.toec.toecscanner          2.4-3                mips64el    Driver for TOEC Scanner.
ii toec-libfingeridentification 1.0-00               mips64el    FingerIdentify Library for TOEC.
root@toecfas: ~/home/toecfas/Desktop# dpkg --purge com.toec.toec20series
正在读取数据库 ... 系统数据库共安装着 24728 个文件和数据包。
正在卸载 com.toec.toec20series (2.0-0.10) ...
  ok | Restarting cups (via systemctl): cups.service.
toecfas driver remove ok
正在清除 com.toec.toec20series (2.0-0.10) 的配置文件 ...
  ok | Restarting cups (via systemctl): cups.service.
toecfas driver remove ok
正在处理用于 dpkg-get-libs (7.4-0.0000-1) 的触发器 ...
rebuilding /usr/share/applications/baef-2.index ...
root@toecfas: ~/home/toecfas/Desktop#
```

(5) Note: After the driver is uninstalled, the "All-in-One Devices" list in the Print Manager will not be uninstalled with the driver, and the All-in-One devices added to the driver need to be manually deleted. In the print manager, select the all-in-one device you want to delete and click the  button to delete.

4.4.3 Kylin system all-in-one driver installation and uninstallation

4.4.3.1 Driver Installation

Take the Kirin V10SP1 system Loongson 64-bit (amd64) driver as an example, open 2 The decompressed files mentioned in section 4.1.2 are entered into the Kirin V10SP1 and amd64 folders in turn, and the meanings of each part of the driver name refer to 2Section 4.1.2, the driver diagram is shown below.

 toec-toec20series_2.0-0.10_V10SP1_mips64el.deb

There are two main driver installation methods: double-click driver installation and terminal command installation, and the two installation methods are explained in turn.

1、Double-click the driver to install

(1) Double-click the integrated machine driver (asta-asta22series_2.0-0.10_V10SP1_mips64el.deb) , In the pop-up installation interface, click "One-click installation".

(2) If the authentication dialog box such as "Authentication required for installer installation software" pops up during installation, please enter the computer system setting password (usually the boot password), click "Authorize" and click "Install" again to proceed to the next step.

(3) After waiting for a few seconds, the installation interface will prompt "Installation Successful", click the close button in the upper right corner to successfully complete the installation of the all-in-one driver.

(4) After successful installation, the "ASTA 22 series Management Tools" widget will appear in the start menu of the computer.

2、Terminal command installation

(1) Right-click the blank space of the folder where the driver is located to open the terminal, or use the shortcut key "Ctrl+Alt+T" to open the terminal to enter the folder path where the driver is located.

(2) Enter "whoami" on the terminal, press the enter key to view the current user name, if the user is root,

it means that it has administrator permissions, if it shows non-root, switch to root permission.

(3) 使用指令“`dpkg -i [驱动名称]`”安装驱动，终端输入“`dpkg -i com.asta.astaa4bprinter_1.0-8_amd64.deb`”，按回车键等待驱动安装。

```
root@toecfax:/home/toecfax/桌面/fcq
文件(F) 编辑(E) 视图(V) 搜索(S) 终端(T) 帮助(H)
toecfax@toecfax:~/桌面/fcq$ whoami
toecfax
toecfax@toecfax:~/桌面/fcq$ su
密码:
root@toecfax:/home/toecfax/桌面/fcq# dpkg -i toec-toec20series_2.0-0.10_V10SP1_mips64el.deb
正在选中未选择的软件包 toec-toec20series。
(正在读取数据库 ... 系统当前共安装有 217620 个文件和目录。)
准备解压 toec-toec20series_2.0-0.10_V10SP1_mips64el.deb ...
正在解压 toec-toec20series (2.0-0.10) ...
正在设置 toec-toec20series (2.0-0.10) ...
chmod: 无法访问 '/opt/apps/toec-toec20series/bin/Printers/OEP102D_MarginAdjustment.pdf': 没有那个文件或目录
Restarting cups (via systemctl): cups.service.
Check sane /etc/sane.d/dll.conf
search string toec20series
Not found name
insert toec20series to dll.conf
finished ok
正在处理用于 desktop-file-utils (0.24-1kylin2) 的触发器 ...
正在处理用于 mime-support (3.64kylin1) 的触发器 ...
正在处理用于 hicolor-icon-theme (0.17-2) 的触发器 ...
正在处理用于 man-db (2.9.1-1kylin0k1) 的触发器 ...
正在处理用于 libc-bin (2.31-0kylin9.1k20.3) 的触发器 ...
root@toecfax:/home/toecfax/桌面/fcq#
```

(4) As shown in the preceding figure, when the terminal automatically jumps to the next line and waits for the input command status, and the installation process outputs logs as shown in the preceding figure, the driver installation is complete.

4.4.3.2 Add an all-in-one machine

There are two kinds of all-in-one machines: adding local all-in-one machines and adding network all-in-one machines, which represent two transmission modes of USB transmission and network network transmission, respectively.

1、Add an on-premises all-in-one

(1) Go to the "Settings" of the computer, enter the "Device" option, select "All-in-one", click "Add" in the all-in-one and scanner interface, and enter the all-in-one manager.

(2) Click "Add" to enter the management interface of adding a new all-in-one. Select "ASTA MFP1022NW" in the list of devices, and then tap "Forward".



(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 all-in-one machine starts to work, and a "Print Test Page" is typed.

(6) Click OK to close the Submitted dialog box.

(7) Click OK to close the Appliance Properties dialog box.

(8) After the all-in-one device is added, the list of all-in-one devices displays the currently added all-in-one device.



2、Add a network appliance

Adding a network appliance is divided into two parts: IP address setting and print manager adding a network appliance.

(1) Click the start menu in the lower left corner of the computer desktop, find "ASTA 22 series Management Tools", and click to enter the all-in-one IP setting tool.

(2) Click OK in the "All-in-One IP Setup Tool" to enter the "ASTA A4 All-in-One IP Setup Tool" to view the IP information of the current All-in-One Machine. Select Use static IP address (that is, disable DHCP on the all-in-one appliance) and set the static IP address and subnet mask to 255.255.255.0 and the gateway. Click OK to save and write the current static IP address of the all-in-one machine.

Please refer to 4Section 4.4.2 Instructions for using the ASTA A4 All-in-One IP Setup Tool.



A4打印机IP设置工具

打印机 MFP1022NW 查找打印机

静态IP设置

☐ 自动获取IP地址(即开启打印机DHCP功能)

☒ 使用静态IP地址(即关闭打印机DHCP功能)

IP 192.168.57.200

子网掩码 255.255.255.0

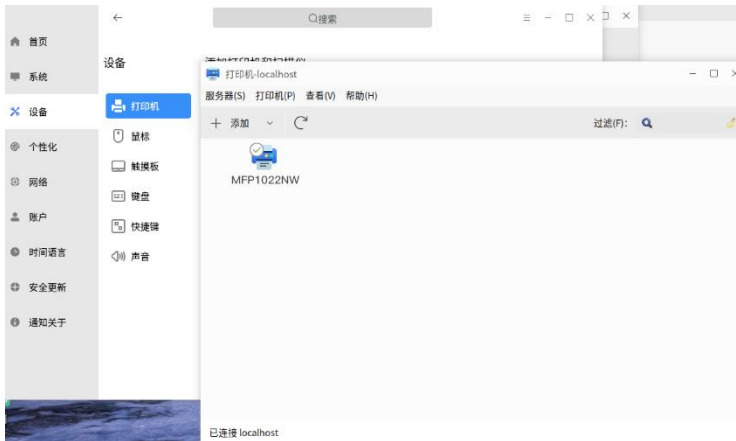
网关 192.168.57.254

获取当前IP 确定 取消

(3) Confirm that the all-in-one machine is connected to the computer network normally, go to the computer settings, select the network, enter the "Wired Network" option, and click "Add Wired Network".

(4) Set the wired network parameters (the default parameters are shown in the figure below), click "Confirm" after filling in, and click to connect to the current network.

(5) Open the Appliance Manager again. Click "Add" to enter the Add New All-in-One dialog box



(6) Open "Network Appliance Machine" and select "ASTA MFP1022NW(192.168.). 57.200)". Click "Forward".



If you can't find the all-in-one network in the device list, click "Find All-in-One Network", enter the IP address of the all-in-one machine in the address bar of the host on the right (default all-in-one IP: 192.167.17.100), and click "Search".



The found LAN is displayed in the list on the left, select the LAN app, and click Advance. If the authentication dialog box pops up, click Cancel or Close.



(7) Select "ASTA" and click "Forward".



(8) In the model list, select "MFP1022NW" and click "Forward".

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



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

新打印机

描述打印机

打印机名称
这台打印机的简称比如“laserjet”
MFP1022NW-2

描述 (可选)
可读描述比如“带双面打印的 HP 激光打印机”
MFP1022NW

位置 (可选)
可读位置比如“Lab 1”
192.168.57.200

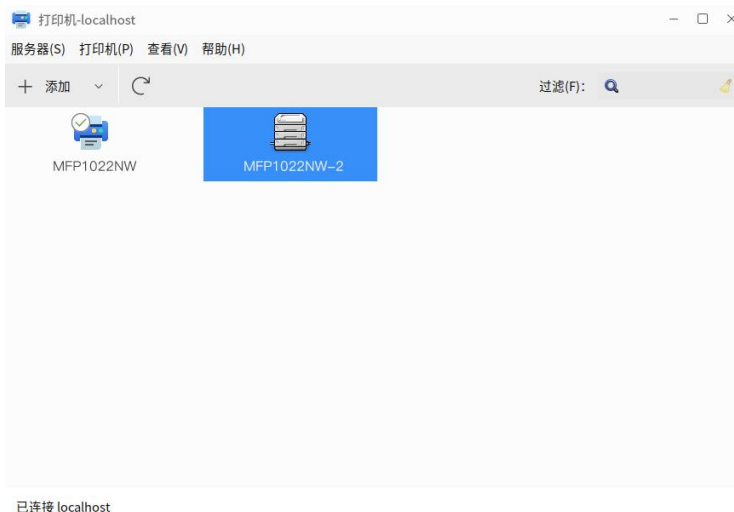
返回(B) 取消(C) 应用(A)

(11) Click “Print Test Page”, and then the all-in-one machine starts to work, and a “Print Test Page” is typed.

(12) Click OK to close the Submitted dialog box.

(13) Click OK to close the Appliance Properties dialog box.

(14) After the all-in-one device is added, the list of all-in-one devices displays the currently added all-in-one device.



4.4.3.3 Uninstall the driver

There are two common ways to uninstall a driver, and the two methods are explained in turn.

1、Remove from the Start menu

(1) Find "ASTA 22 series Management Tools" in the start menu, right-click and select "Uninstall", and select "Uninstall" in the pop-up dialog box.

(2) If the authentication dialog box such as "Uninstaller uninstall software requires authentication" pops up during the installation process, please enter the computer system password (usually the boot password), click "Authorize" and wait for the prompt "Uninstallation completed".

(3) Close the Uninstall Success dialog box, that is, the driver uninstallation is successfully completed.

2、Remove from the terminal

(1) Right-click on the blank space of the computer desktop or use the shortcut key "Ctrl+Alt+T" to start the terminal and enter the root administrator permission.

【Special Note】 Please refer to 2Section 4.2.1, Terminal Command Installation Driver.

(2) Enter `dpkg -l|grep asta` in the terminal and press enter to view the installed drivers.

(3) 使用终端指令“`dpkg --purge [驱动名称]`”卸载驱动，终端输入“`dpkg --purge asta-asta22series`”，按回车键等待完成卸载。

(4) When the progress is displayed in the following figure, and the terminal automatically jumps to the next line and waits for the input command status, the driver has been uninstalled.

```
root@toecfax: /home/toecfax/桌面
文件(F) 编辑(E) 视图(V) 搜索(S) 终端(T) 帮助(H)
root@toecfax: /home/toecfax/桌面# dpkg -l|grep toec
ii toec-toec20series 2.0-0.10 mips64el Driver for printer 20series.
ii toec-toeca4bprinter 2.0-0.13 mips64el Driver for printer oep-3050/4050
dn.
ii toec-toeca4faxseries 2.0-6 mips64el Driver for TOEC A4 Fax Series.
ii toec-toecmyseries 3.0-0.7 mips64el Driver for printer myseries.
ii toec-toecrlseries 1.1-6 mips64el Driver for TOEC RL Series.
root@toecfax: /home/toecfax/桌面# dpkg --purge toec-toec20series
(正在读取数据库 ... 系统当前共安装有 217677 个文件和目录。)
正在卸载 toec-toec20series (2.0-0.10) ...
Restarting cups (via systemctl): cups.service.
TOEC 20Series driver remove ok
正在清除 toec-toec20series (2.0-0.10) 的配置文件 ...
Restarting cups (via systemctl): cups.service.
TOEC 20Series driver remove ok
dpkg: 正在卸载 toec-toec20series 时，目录 /opt/apps/toec-toec20series/bin/Scanner 非空，因而不会删除该目录
正在处理用于 hicolor-icon-theme (0.17-2) 的触发器 ...
正在处理用于 desktop-file-utils (0.24-1kylin2) 的触发器 ...
正在处理用于 mime-support (3.64kylin1) 的触发器 ...
正在处理用于 libc-bin (2.31-0kylin9.1k20.3) 的触发器 ...
root@toecfax: /home/toecfax/桌面#
```

(5) Note: After the driver is uninstalled, the "All-in-One Devices" list in the Print Manager will not be uninstalled with the driver, and the All-in-One devices added to the driver need to be manually deleted. In the print manager, select the all-in-one device you want to delete, right-click and select Delete.

4.4.4 Instructions for the use of ASTA 22 series

management tools

4.4.4.1 Instructions for use of the ASTA22 series Condition Monitoring

If you want to check the status of the all-in-one machine in real time and get the abnormal information of the all-in-one machine in time, you can open the "20SER all-in-one condition monitoring" Gadgets, View the status of the all-in-one and toner information.

4.4.4.2 Instructions for using the ASTA 22 series All-in-One IP Setup Tool

The ASTA A4 All-in-One IP Setup Tool (IP Setup Tool for short) allows you to set two IP address states: "Automatically obtain IP address (i.e., enable the all-in-one DHCP function)"

and "Use a static IP address (i.e., disable the all-in-one DHCP function)".

The IP Setup Tool will automatically look up the current All-in-One at startup and display the IP address status of the All-in-One. The display status of the IP address depends on the DHCP status of the appliance body.

If the all-in-one is connected to the computer by a direct network cable, it is recommended to use "Use a static IP address (i.e., disable the DHCP function of the all-in-one machine)". If the all-in-one appliance is used in an environment where DHCP needs to be enabled, such as routers for communication, we recommend that you use "Automatically obtain an IP address (that is, enable DHCP on the all-in-one appliance)".

The IP Setup Tool provides the function of manually setting the static IP address status to change the DHCP status of the all-in-one body.

1. When you select "Automatically obtain IP address (that is, enable the DHCP function of the all-in-one machine)", the specific operation process is as follows:

- 1) Click "Automatically obtain the IP address (i.e., enable the all-in-one DHCP function)".



- 2) Click "OK" and click "Yes" in the pop-up prompt.



- 3) After waiting for a few seconds, click "Find All-in-One", and the IP address status has been changed to "Automatically obtain IP address (i.e., enable All-in-One DHCP function)", and the All-in-One DHCP status has been set to On.



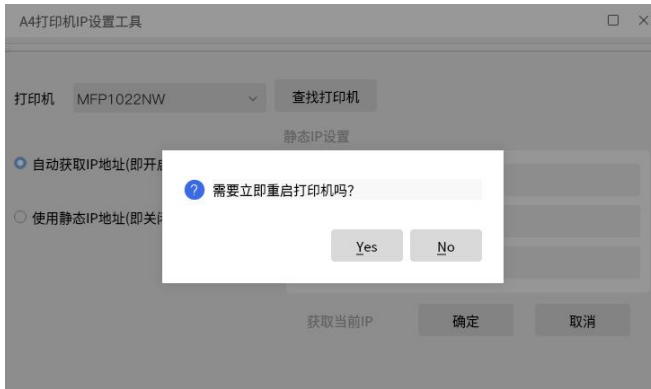
2. When you select Use static IP address (i.e., disable DHCP function of the all-in-one machine), the specific operation process is as follows:

- 1) Click "Use a static IP address (i.e., turn off the all-in-one DHCP function)".



At this time, the "Static IP Settings" will display the default IP address information, and the user can modify the corresponding IP information according to the actual needs, select the default IP information at present, and click "OK" to enter the next step.

2) 点击“**Yes**”，立即重启一体机。



3) After waiting for a few seconds, click "Find All-in-One", the IP address status has been changed to "Use Static IP Address (i.e., Disable All-in-One DHCP Function)", and the static IP setting information has been changed to the latest information, and the All-in-One DHCP status has been set to off.



When the computer is connected to multiple all-in-one machines, the user can select the all-in-one machine to be operated by clicking the drop-down box button of the all-in-one machine, and modify it according to the above operation process. Secondly, the IP address of the all-in-one machine and the IP address of the computer network must be set to the same network segment, and the IP of other PCs in the LAN should not conflict with the IP of the all-in-one machine.

4.4.4.3 Instructions for using the WLAN Setup Tool for ASTA 22 series All-in-One PCs

The "ASTA A4 All-in-One WLAN Setup Tool" is a tool used to set wireless WLAN modes, which are divided into two modes: client mode and hotspot mode. When users need to connect to a wireless network, they need to use the tool to set up the all-in-one first.

Client Mode:

First, you can select the appropriate model from the list above-MFP1022NW, if you need to connect to the routing mode, you need to connect the wired network port of the PC with the router, and the all-in-one wireless connection router.

Select the client mode and click on it “flushed” button to search for the name of the wireless router you want to connect, enter the password, and click “Save your changes, the all-in-one machine is connected to the routing mode. It is shown below。



Hotspot Mode:

Select the hotspot mode, The Wi-Fi will connect to the hotspot of the current all-in-one device, display the encryption mode, and enter the password (default 12345678), you can see the IP address and subnet mask of the hotspot on the right, and click it “Save your changes The all-in-one will be connected to hotspot mode. It is shown below。

The screenshot shows a window titled "A4打印机WLAN设置工具" (A4 Printer WLAN Configuration Tool). It features a dropdown menu for the printer model, currently set to "MFP1022NW". Below this are two tabs: "客户端模式" (Client Mode) and "热点模式" (Hotspot Mode). The "热点模式" tab is selected, revealing fields for "WLAN" (MFP1022NW_dfdff), "加密方式" (Encryption Method) set to "WPA2PSK_AES", and a "密码" (Password) field with ten black dots. To the right of the password field is a checkbox labeled "可见" (Visible). Further right, there are radio buttons for "自动IP" (Automatic IP) and "使用下面IP" (Use the following IP), with the latter being selected. Below these are three input fields for "IP" (192.168.137.2), "子网掩码" (Subnet Mask) (255.255.255.0), and "网关" (Gateway) (192.168.137.254). At the bottom right are two buttons: "取消" (Cancel) and "保存修改" (Save Changes).

After connecting the all-in-one to one of the above modes, you can refer to 4.4.2/4.4.3 Add the All-in-One Network Appliance in wireless mode manually and print it.

4.4.5 Troubleshooting and Support

4.4.5.1 Inconsistencies in the operation process

The UOS system version used in this section is "Professional Edition (1050)", and the Kylin V10SP1 system version is "2203 (V10SP1)", and there will be certain differences in the specific operation process and operation interface between different system versions.

There will be some differences in the operation process between the Kylin V10 system and the Kylin V10SP1, which mainly exist in the computer network settings and the addition of network all-in-one machines.

4.4.5.2 The system automatically adds the local all-in-one problem

After installing the driver for some versions of the computer operating system, the print manager will automatically add the local all-in-one machine, which is related to the operation mechanism of the computer operating system and is a normal condition of the system.

The auto-added local all-in-one can be used normally, and if the auto-added local all-in-one already exists in the print manager, you do not need to add the local all-in-one again.

4.4.5.3 Add a Network Appliance issue

If the all-in-one and the computer are connected directly via a USB cable or network cable, it is recommended that you use "Use a static IP address (i.e., turn off the DHCP function of the all-in-one device)" in the IP settings tool.

Ordinary computers do not have the function of DHCP to assign IP addresses, and the dynamic IP is used to add the network all-in-one machine, which does not guarantee that the network all-in-one machine can be added normally.

If you have any questions about your computer's DHCP, please contact your system provider.

4.4.5.4 Print Manager looks for All-in-One problems

When the computer is not installed with a driver, the print manager can search for the relevant all-in-one machine (including local all-in-one machine and network all-in-one machine), which is related to the operation mechanism of the computer operating system and belongs to the normal situation of the system.

4.4.5.5 Precautions for setting IP addresses

Please do not conflict with the IP address of the all-in-one PC in the local area network, if there is a conflict, the print manager cannot add the all-in-one or the all-in-one cannot establish network communication with the computer.

4.5 MAC DRIVER INSTALLATION

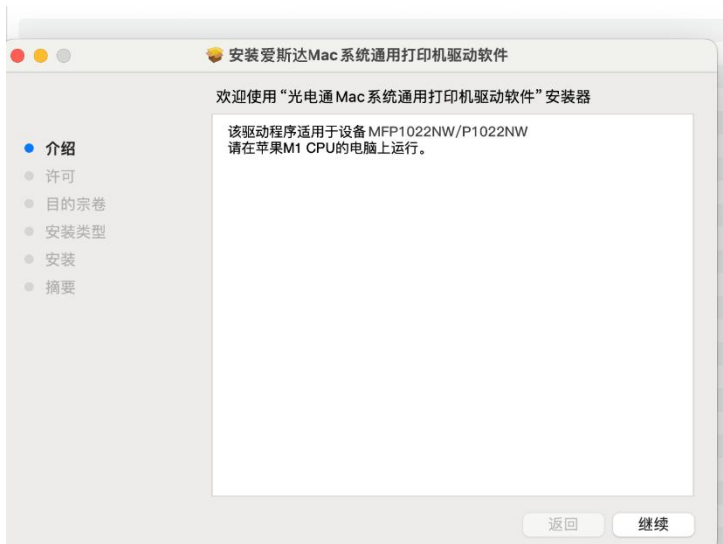
INSTRUCTIONS

THIS ALL-IN-ONE IS COMPATIBLE WITH MOST OF THE MAC OS OPERATING SYSTEMS ON THE MARKET, AND THIS CHAPTER TAKES MAC OS 12.1 AS AN EXAMPLE TO INTRODUCE THE INSTALLATION AND UNINSTALLATION OF THE MFP1022NW.

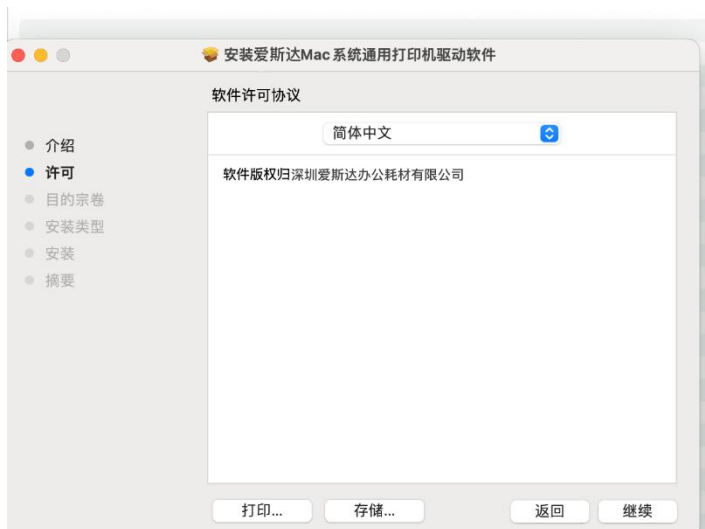
4.5.1. Driver installation

On Mac OS, double-click on the driver package to install it.

1. Double-click the driver package to enter the driver installation interface.



2. Click Continue to view the software license agreement.



3. If the software license agreement pops up, please click "Agree".



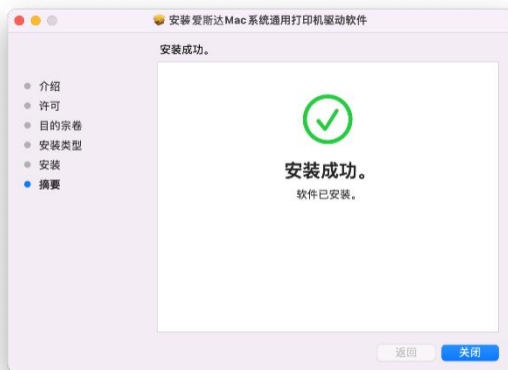
4. Use the default installation location or manually select the installation location.



5. Enter the password of the computer installer, which is generally the password for computer boot.



6. After the installation is complete, click Close.



4.5.2. Add an all-in-one machine

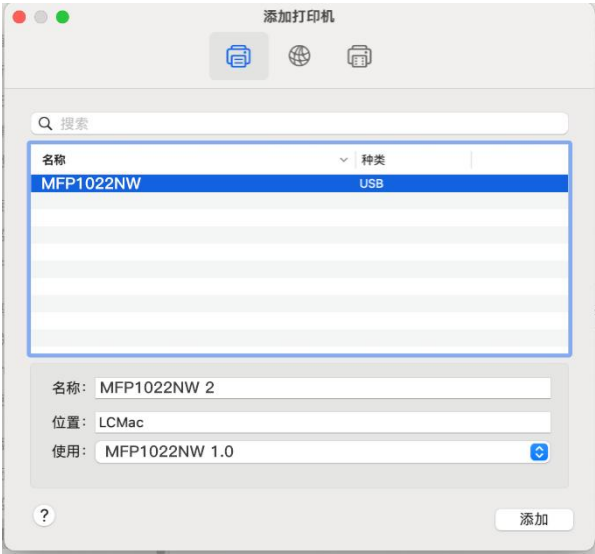
This all-in-one model supports USB connection, wired network connection, hotspot connection, and wireless routing connection. During the actual addition process, you can select the corresponding connection mode and add the all-in-one PC based on the usage scenario.

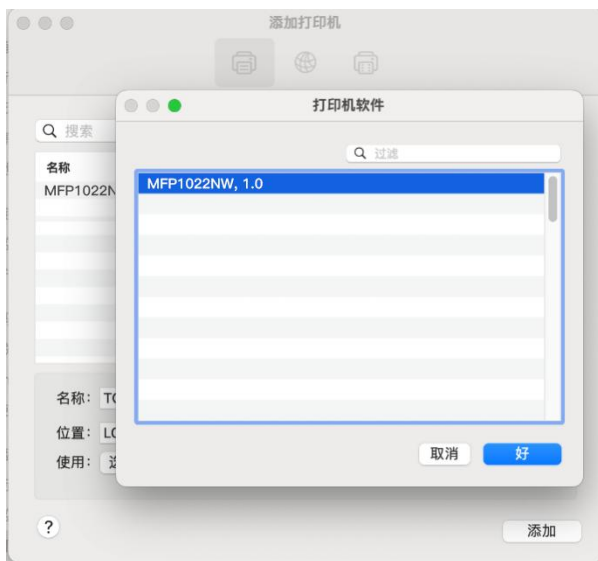
4.5.2.1 Add USB all-in-one machine

1. Use the matching USB cable to connect the all-in-one computer to the computer, and then turn on the power of the all-in-one machine.
2. Click on the "Apple Menu" in the upper left corner of your computer and find "System Preferences".
3. Scroll down to find "All-in-one & Scanner" and click "Add".



4. Select "ASTA MFP1022NW" in the device list, click "Select Software" in the "Use" option at the bottom of the Add All-in-One interface, and select "ASTA MFP1022NW".





5. Click "Add" to complete the all-in-one addition.

4.5.2.2. Add a wired network all-in-one machine

If the all-in-one machine is directly connected to the computer with a network cable, you only need to set IPV4 to automatically obtain it in the computer network settings.

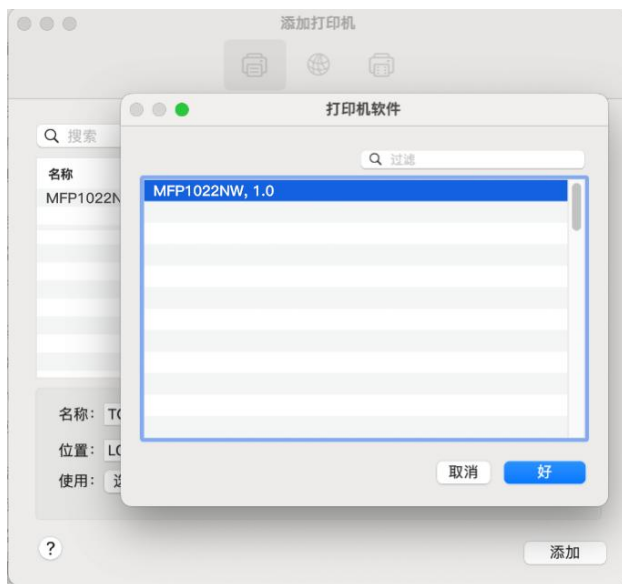
1. Use a network cable to connect the all-in-one machine and the computer, and ensure that the all-in-one machine and the computer are in the same network environment to build a WLAN connection. (For more information about configuring the wired network of the all-in-one machine, please refer to "[4.3 All-in-one wired network configuration](#)").

2. Click on the "Apple Menu" in the upper left corner of your computer and find "System Preferences".

3. Scroll down to find "All-in-one & Scanner" and click "Add".



4. Select "ASTA MFP1022NW" in the device list, click "Select Software" in the "Use" option at the bottom of the Add All-in-One interface, and select "ASTA MFP1022NW".



5. Click "Add" to complete the all-in-one addition.

4.5.2.3 Add hotspot mode all-in-one machine

1. Turn on the wireless switch of the all-in-one machine: Press the WLAN button of the all-in-one machine for 3 seconds until the indicator light on the WLAN button lights up.
2. Switch the all-in-one to hotspot mode: short press the WLAN button of the all-in-one for 0.5 seconds to switch the wireless mode of the all-in-one machine, and when the WLAN button indicator is blue, the all-in-one machine is in hotspot mode.
3. Connect your computer to the all-in-one hotspot

The initial hotspot name is MFP1022NW_ and MAC address

The initial hotspot password is: 12345678

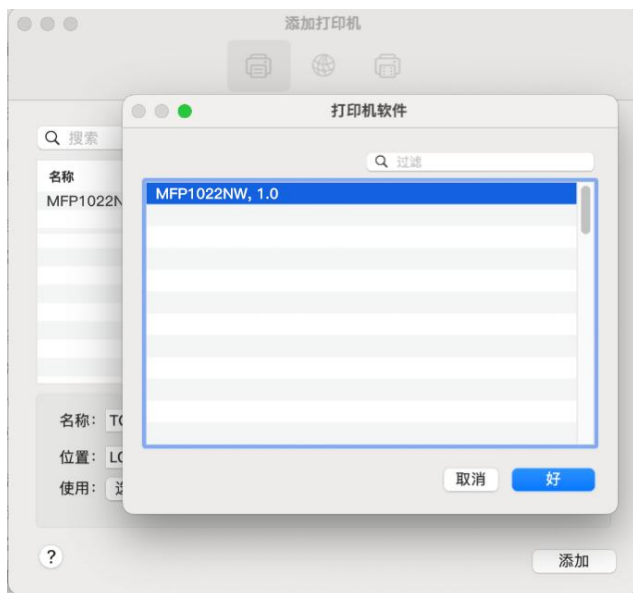
(For details about how to change the hotspot information of the all-in-one machine, see "[4.4.4 All-in-one hotspot configuration](#)").

4. Click on "Apple Menu" in the upper left corner of your computer and find "System Preferences".

5. Scroll down to find "All-in-one & Scanner" and click "Add".



6. Select "ASTA MFP1022NW" in the device list, and click "Select Software" in the "Use" option at the bottom of the Add All-in-One interface, and select "ASTA MFP1022NW".



7. Click "Add" to complete the all-in-one addition.

4.5.2.4 Add Route Mode All-in-One Machine

1. Turn on the wireless switch of the all-in-one machine: Press the WLAN button of the all-in-one machine for 3 seconds until the indicator light on the WLAN button lights up.
2. Switch the all-in-one to routing mode: short press the WLAN button of the all-in-one for 0.5 seconds to switch the wireless mode of the all-in-one machine, and when the WLAN button indicator is green, the all-in-one machine is in routing mode.
3. Connect the computer to the same wireless network as the all-in-one machine to build a LAN connection. (For information

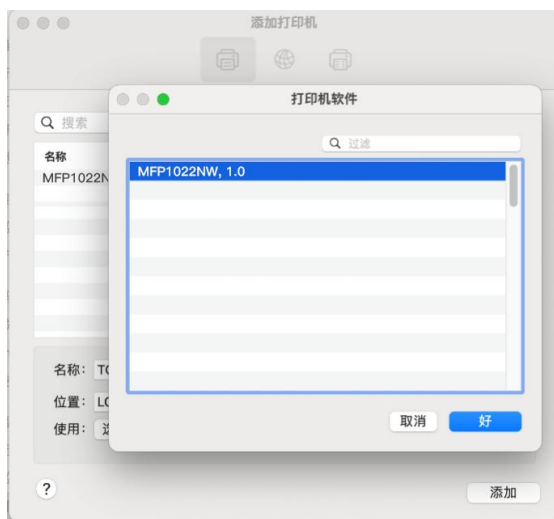
on configuring the all-in-one wireless network, please refer to "4. "). 4.5 All-in-one wireless network configuration".

4. Click on "Apple Menu" in the upper left corner of your computer and find "System Preferences".

5. Scroll down to find "All-in-one & Scanner" and click "Add".



6. Select "ASTA MFP1022NW" in the device list, and click "Select Software" in the "Use" option at the bottom of the Add All-in-One interface, and select "ASTA MFP1022NW".



7. Click "Add" to complete the all-in-one addition.

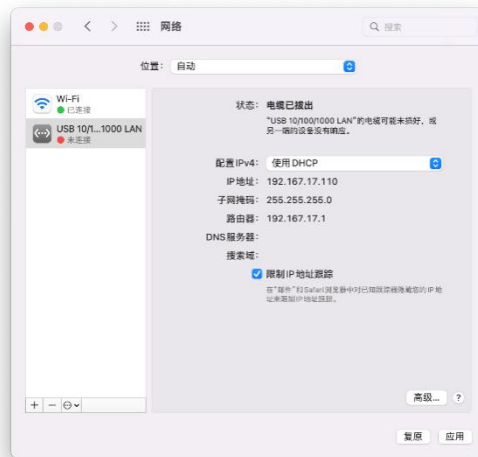
4.5.3 All-in-one wired network configuration

Before configuring the wired network of the all-in-one machine, make sure that the all-in-one machine and the computer are on the same network and build a LAN connection. Access the IP address of the all-in-one machine through the desktop web page, and enter the all-in-one management website for configuration.

- 1、The network cable connects the computer to the network interface of the all-in-one machine, and the all-in-one machine is powered on and the power is turned on.
- 2、Press the wireless switch and power button of the all-in-one machine for more than 2s at the same time, print the information

page, and view the DHCP switch and IP information in the wired mode of the all-in-one machine.

3、Configure computer network information by information page: If DHCP is enabled in wired mode on the information page, set IPV4 in the computer network to automatically obtain it, and print the information page again to view the IP address of the all-in-one machine after the IP assignment is completed.



If DHCP is turned off in wired mode on the information page, set IPV4 in the computer network to manual input, and configure the computer network information according to the wired network information of the all-in-one machine in the information page, so that the computer and the all-in-one machine are in the same network segment. As:

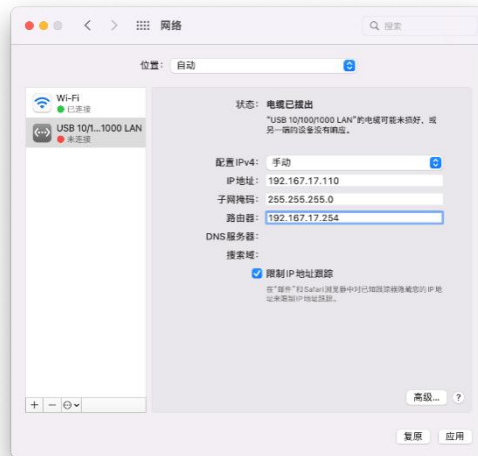
The wired network information of the all-in-one machine on the information page is as follows:

IP 192.167.17.100

Subnet mask 255.255.255.0

gateway 192.167.17.254

The corresponding modification of computer network information is as follows:



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

4、Enter the IP address of the all-in-one in your computer browser to access the all-in-one management website.



5、Click the "Login" button in the upper right corner to log in as an administrator

Administrator account: admin

Default password: 000000

登录

×

用户名

密码 👁

登录

6、After successfully logging in to your administrator account, click the "Settings" button in the left navigation bar to enter "Network Settings".



7、Modify the wired network settings of the all-in-one machine as needed, and click Submit.

有线网络配置

DHCP状态	手动设置
IP地址	192.167.17.100
子网掩码	255.255.255.0
网关	192.167.17.254

提交

8、After the wired network information of the all-in-one machine is modified, you need to reconfigure the computer network IPV4 information to ensure that the computer and the all-in-one computer are connected to the same local area network, otherwise you will not be able to continue to access the all-in-one management website.

4.5.4 All-in-one hotspot configuration

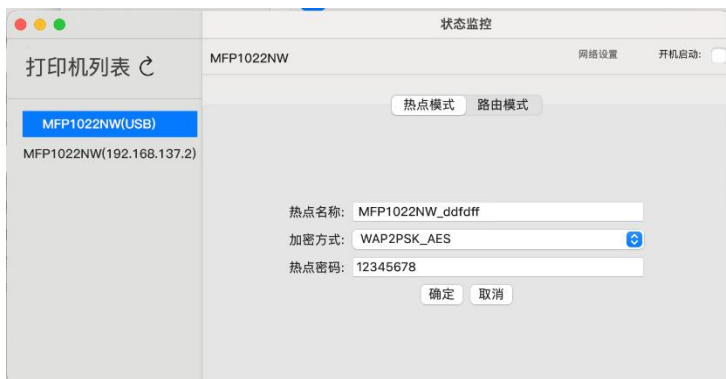
After the all-in-one driver is properly installed, you can configure and modify the hotspot information of the all-in-one through the "Photoelectric Communication Status Monitoring" application, such as changing the hotspot name, hotspot password, and encryption mode. You can also access the IP

address of the all-in-one machine through the computer web page, and enter the all-in-one management website for configuration and modification.

1. Use the matching USB cable to connect the all-in-one computer to the computer, and then turn on the power of the all-in-one machine.
2. Find and open "Photoelectric Flux Status Monitoring" in the computer application list.
3. Find and select the USB-connected device in the status monitoring all-in-one list.



4. Click "Network Settings" in the upper right corner and select "Hotspot Mode".



5. Modify the hotspot name, encryption method and hotspot password according to the needs of use.

6. Click "OK" to complete the hotspot configuration of the all-in-one machine.

4.5.5 All-in-one wireless network configuration

Once the appliance driver is properly installed, you can connect the appliance to an available wireless network or switch wireless networks through the ASTA Status Monitoring application. You can also access the IP address of the all-in-one computer through the web page of the computer, enter the all-in-one management website, and enter the wireless network information modification.

(Note: The All-in-One Management website cannot switch the wireless network connected to the All-in-One Machine, if you need to change the wireless network connected to the

All-in-One Machine, please follow the steps below to modify it.))

1. Use the matching USB cable to connect the all-in-one computer to the computer, and then turn on the power of the all-in-one machine.
2. Find and open "ASTA Status Monitoring" in the list of computer applications.
3. Find and select the USB-connected device in the status monitoring all-in-one list.



4. Click "Network Settings" in the upper right corner and select "Route Mode".



5. Select the wireless network you want to join in the hotspot list and enter the password.

6. If the IP acquisition mode is "DHCP", you do not need to manually configure the IP address, if you need to manually configure, you can select "Manual Setting" and define the IP address information of the device according to the rules, such as:

IP	192.167.17.100
Subnet mask	255.255.255.0
gateway	192.167.17.1



7. Click "OK" to complete the all-in-one wireless network configuration.

4.5.6 Troubleshooting and Support

4.5.6.1 Inconsistencies in the operation process

The system version used in this section is Mac OS 12.1, and there will be some differences in the specific operation process and operation interface between different system versions.

4.6 App Software Installation Instructions

4.6.1 App Installation

Android mobile phone users can search for "ASTA Print" through the Android App Market (Tencent App Treasure) to download and install.

IOS mobile phone users can download and install it by searching for "ASTA Print" in the "App Store".

Android and IOS users can also download the app through the official website and official account of ASTA.

4.6.2 App Quick Start Instructions

4.6.2.1 Home page



The home page of the APP is the device management interface, which can be used to quickly add the all-in-one machine, view the device status, edit and delete the device, etc., and refer to "[46.3 Add All-in-One Machine](#)".

4.6.2.2 Printing



The printing module is mainly divided into single photo, photo, document, photo, web page and ID card printing.

1. A single photo



You can rotate, crop, adjust the color value, filter and other editing operations on a single photo, and print the edited photo.

2. Photos

Multiple photos can be printed, and up to 9 photos can be selected.

3. Documents

It can print Word documents, Excel documents, PPT documents, TXT documents and PDF documents in the mobile phone.

4. Take pictures

Call the system camera to take a photo, rotate, crop, adjust the color value, filter and other editing operations on the photo, and print the edited photo.

5. Web Pages

You can type a URL to print a web page.

6. Printing of ID card

You can take pictures of the front and back of the ID card and print the ID card.

4.6.2.3 Settings

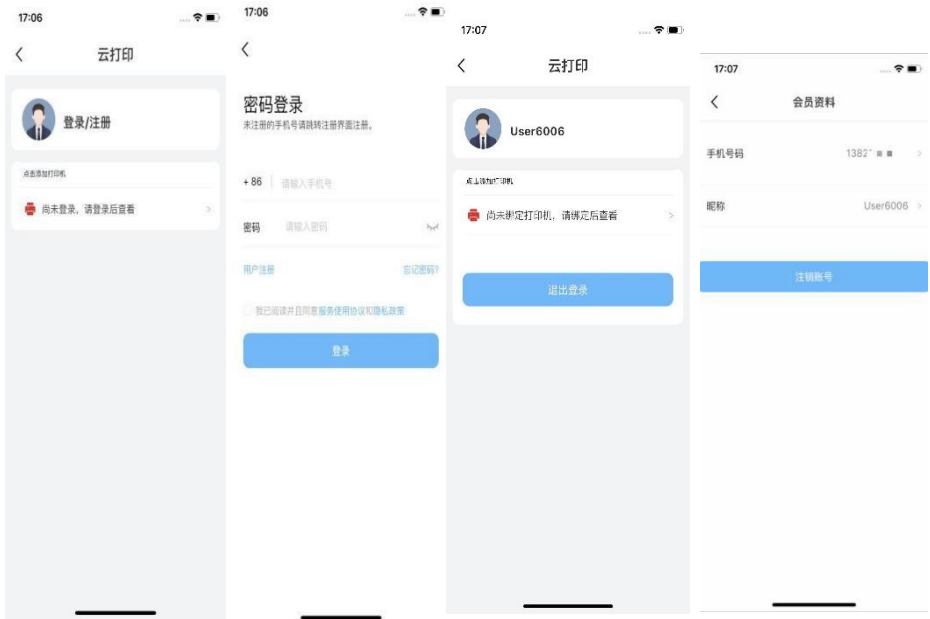


1、 Cloud Print login

User Registration & Login:

The APP provides user registration and login functions, click "Cloud Print Login", if you are not logged in, you will be

prompted that you are not logged in, click "OK" to jump directly to the login interface. If you already have an account, enter your mobile phone number and password, check "Service Agreement" and "Privacy Policy", and click the "Login" button to log in. If you don't have an account yet, click "User Registration" to jump to the registration interface.

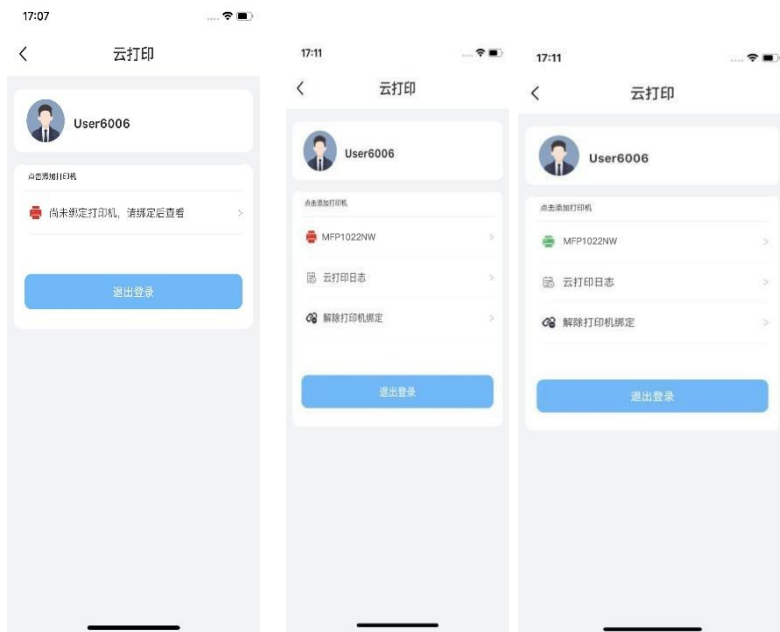


Device Information & Management:

When the user logs in, if there is no bound device, you need to scan the device QR code to add the device, click "Not bound to the all-in-one machine, please view it after binding" or click

"Quick add all-in-one machine" from the home page to jump to the scanning interface to scan the code.

If there is no administrator on the current device, the first person to scan the code is the administrator, and the all-in-one machine will be added directly to the home page and can be used directly. If the device already has an administrator, you will be prompted to apply for permission from the administrator and wait for authorization. You can add and use the appliance only after your administrator authorizes it.



Cloud print logs

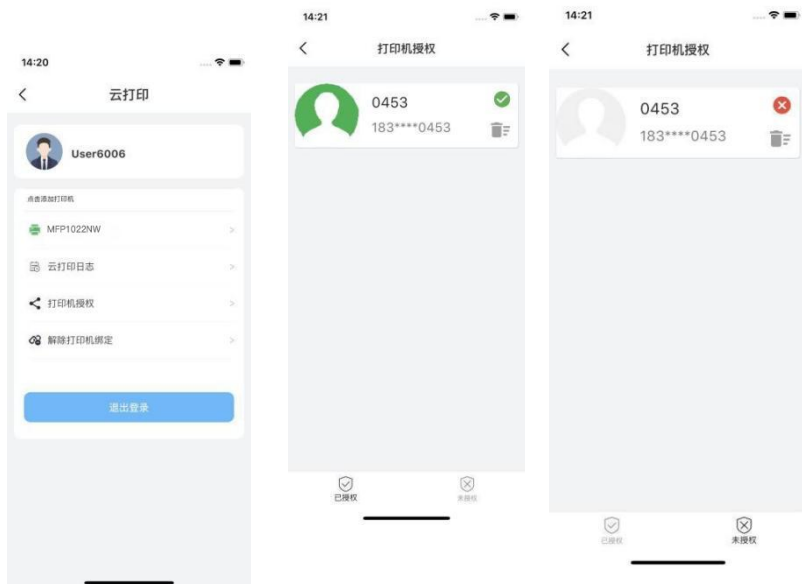
The Cloud Appliance saves the document name and print time for the last 10 print jobs. The record cannot be modified or deleted.

Device authorization and sharing

The administrator (the first account to scan the barcode of the unbound device) can authorize the bound device, and other users can add and use the device only after the administrator authorizes the device after scanning the code. Administrators can manage the list of users who apply to use the device, including authorized users and unauthorized users. Click "Authorization Management" to enter the authorization page, and the administrator can click the delete icon in the lower right corner of each user to delete the authorized user's permissions, or switch to the "Unauthorized" tab and click the delete icon to delete the unauthorized user's application.

Click Apply for an account on the "Unauthorized" page to authorize the user to use the device.

- After the administrator deletes an authorized user or deletes an unauthorized user, the deleted user must scan the QR code again to apply for the all-in-one appliance again.
- A maximum of 10 users can be bound to a device.



Unbind the device

Different statuses will appear when different user permissions are unbound from the same device:

1) When a group member unbinds a device, only their own account will be unbound from the device, and other users will not be affected.

2) If the administrator unbinds a device, the entire sharing group will be disbanded, and other group members will be

unbound from the device at the same time, and they will no longer be able to use the all-in-one machine.

Sign out

When the user no longer needs to use Cloud Print, click the "Log Out" button to log out of the cloud account login status. At this moment, the Cloud Appliance will not be available.

User Information and Logout

On the "Cloud Print" interface, click the user name to enter the "Cloud Account Information" interface, you can see the user's registered account and nickname, click "Cancel Account", a prompt box will pop up, and click OK to cancel the account. If the account is the administrator account of the device, the group managed by the user will be disbanded, and other team members will not be able to use the device at the same time.

2. Help

You can jump to the official website of ASTA Communication and provide some common fault handling methods.

3. Service and support

Provide the official service WeChat and official service hotline of ASTA.

4. Configure the network

(1) All-in-one hotspot settings

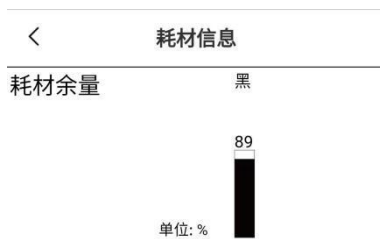
When the all-in-one is in hotspot mode, you can set the hotspot name, hotspot password, and encryption mode.

(2) All-in-one network settings

When the all-in-one is in router mode, you can connect the all-in-one to the specified wireless network, and the specific connection process can be referred to "[4.". 6.4 All-in-One Network Settings](#)".

5. Consumables information

Provide all-in-one consumables information.



6. Clean up the cache

APP cache cleaning can be performed.



7、About APP

You can view the version information of the app.

4.6.3 Add an all-in-one machine

To add an all-in-one device to the mobile app, make sure the all-in-one wireless switch is on, if it is off, press the all-in-one WLAN button for 3 seconds until the indicator light on the WLAN button lights up.

4.6.3.1 Add a WLAN hotspot all-in-one machine

Before adding WLAN Hotspot All-in-One Hotspot, turn on the All-in-One Hotspot and connect your phone to the All-in-One Hotspot.

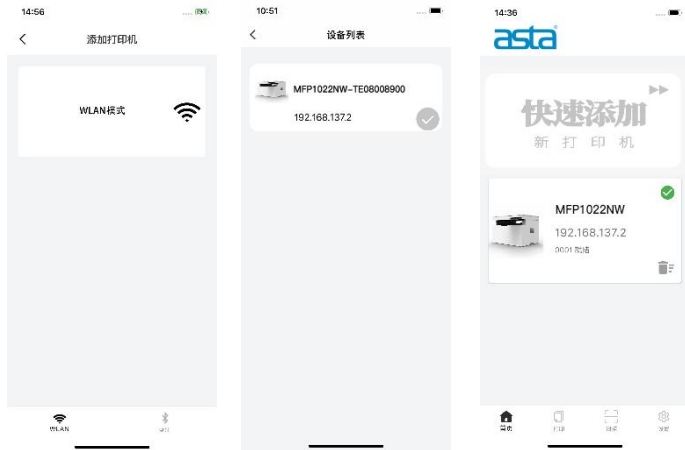
1. Turn on the wireless switch of the all-in-one machine: Press the WLAN button of the all-in-one machine for 3 seconds until the indicator light on the WLAN button lights up.
2. Switch the all-in-one to hotspot mode: short press the WLAN button of the all-in-one for 0.5 seconds to switch the wireless mode of the all-in-one machine, and when the WLAN button indicator is blue, the all-in-one machine is in hotspot mode.
3. Connect your phone to the all-in-one hotspot

The initial hotspot name is MFP1022NW_ followed by random numbers and letters

The initial hotspot password is: "12345678".

4. On the home page of the App, click "Quick Add" - "WLAN Mode".
5. Select the available devices in the device list.
6. After the addition is completed, the device information will be displayed on the home page of the App. If the addition fails or the all-in-one cannot be found, check the device connection.

The process of adding is shown in the diagram:

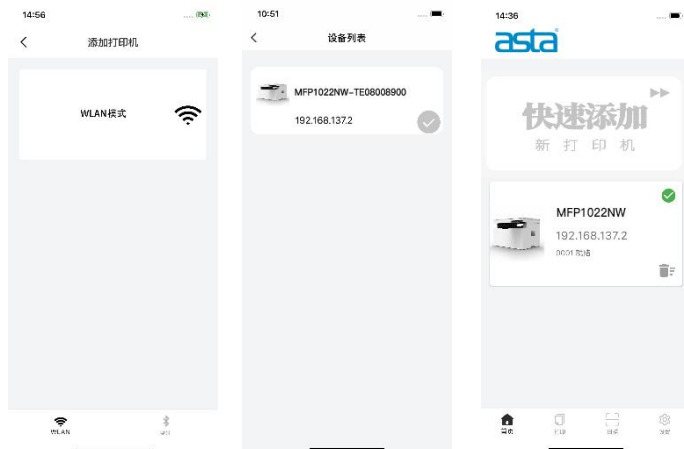


4.6.3.2 Add a WLAN router mode all-in-one machine

Before adding WLAN Router Mode All-in-One Device, make sure that the mobile phone and the all-in-one device are connected to the same wireless network to establish a LAN connection. To set up the all-in-one wireless network, please refer to "[4. 6.4 All-in-One Network Settings](#)".

1. Turn on the wireless switch of the all-in-one machine: Press the WLAN button of the all-in-one machine for 3 seconds until the indicator light on the WLAN button lights up.
2. Switch the all-in-one to routing mode: Short press the WLAN button of the all-in-one machine for 0.5 seconds to switch the wireless mode until the WLAN button indicator is green, and the all-in-one machine is in routing mode.
3. The all-in-one machine will be automatically connected to the available network, if there is no available network, please set up the all-in-one network first. (For more information about setting up the all-in-one wireless network, refer to "[4."\) 5.4 All-in-One Network Settings](#)").
4. On the home page of the App, click "Quick Add" - "WLAN Mode".
5. Select the available devices in the device list.
6. After the addition is completed, the device information will be displayed on the home page of the App. If the addition fails or the all-in-one cannot be found, check the device connection.

The process of adding is shown in the diagram:



4.6.4 All-in-one network settings

The all-in-one network setup allows the current all-in-one to connect to an available wireless network or switch wireless networks. If the all-in-one is not connected to the wireless network, refer to "[4. 6.3.1 Add WLAN Hotspot All-in-One Machine](#)" After adding the All-in-One Hotspot Hotspot, set up the All-in-One network. If the all-in-one is connected to a wireless network, the current wireless network information will be displayed by default when you enter this page.

1. After successfully adding the all-in-one machine, click "Settings" in the navigation bar at the bottom of the App to enter the settings page.



2. Click "Configure Network" and select "All-in-One Network Settings".



3. Click on the network name, the App will enter the network search interface, select the wireless network you want to connect to in the network list, and enter the password.

The screenshot shows the 'Network Settings' (网络设置) interface. At the top, there is a back arrow and the title '网络设置'. Below this, there are two main settings: 'Network Name' (网络名称) which is set to 'AM', and 'Network Password' (网络密码) which is currently empty. To the right of the password field is a small icon of a padlock. At the bottom right of the screen, there is a button labeled '一键配置' (One-click Configuration).

4. Click "One-click configuration" to complete the all-in-one network configuration.

Note: If the currently added all-in-one is a route-mode all-in-one machine, after setting up the all-in-one network, please switch the phone to the same wireless network as the all-in-one and add the all-in-one again.

5. Paper handling

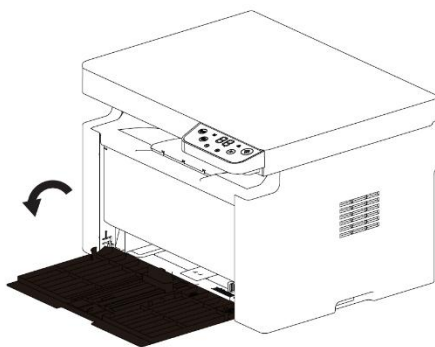
This chapter describes a series of settings, such as paper types and loading methods supported by this product.

5.1 Loading Paper

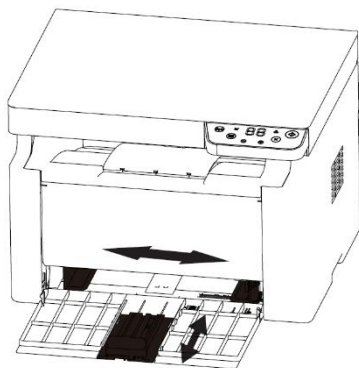
5.1.1 Load the paper drawer

When you load paper of other sizes in the paper drawer, you must also change the paper size settings on the computer.

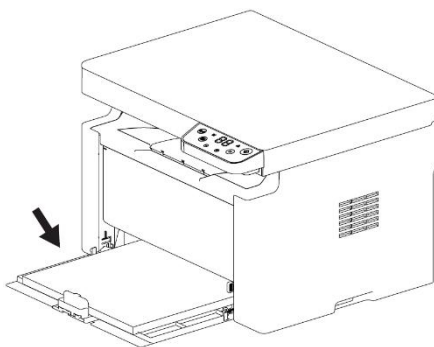
1. Open the front cover.



2. Press and slide the paper bezel to adjust to the size of the paper used.



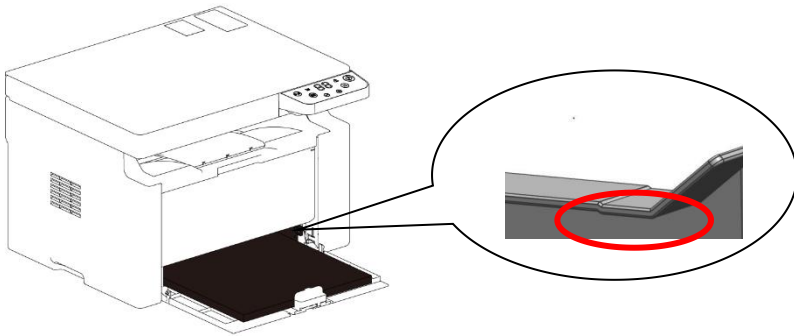
3. Fully unfold the stacked paper.
4. Load the paper so that the printing side is facing up.



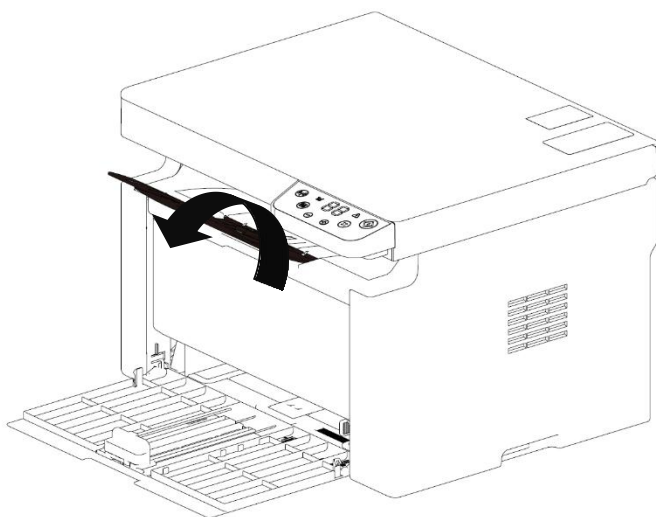
Make sure that all four corners of the paper in the paper tray are flat, and be careful not to load too much paper, which can cause paper jams.

Do not place different sizes of paper in the paper drawer at the same time, as this may result in paper jams or paper feeding errors.

5. Make sure the paper is below the maximum paper capacity, the paper tray is too full will cause paper jams.



6. Lift the splicing tray to prevent the paper from slipping out of the paper outlet.



7. Send the print job to the device.

5.2 Paper Settings

5.2.1 Change the paper size and paper type

When you load other sizes and types of paper in the paper drawer, you must change the software's paper size and paper type settings at the same time.

5.2.2 Use special paper

Sample paper must be tested before purchase to ensure the best printing results.

- Never use inkjet paper, as it may cause paper jams or damage to the device.
- If coated paper, coarse paper, wrinkled, or creaseed paper is used, the print quality may be reduced.

Keep the paper in its original packaging and seal it tightly. Keep the paper flat while protecting it from moisture, direct sunlight, and heat.

Important

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

Do not use the following paper:

- Paper with excessive filament flow
- Very smooth or shiny paper
- Curled or warped paper
- Coated or chemically treated paper
- Damaged, creased, or folded paper
- Paper that exceeds the recommended weight specification for this manual
- Paper with labels or staples
- Low-temperature dyed or hot-melt printed letterhead paper
- Multi-layer paper or carbonless paper
- Inkjet paper

If you use any of these types of paper, you may damage your device. The damage caused by this is not covered by the warranty service of ASTA.

6. Printing jobs

6.1 Windows Print Jobs

Before printing the document, read the first five chapters and install the all-in-one driver.

The following takes Word documents in Microsoft Office 2013 under Windows 7 operating system as an example to introduce how to use the all-in-one computer to print documents.

6.1.1 Start the All-in-One Machine

1. Make sure that the power cable and USB cable are connected correctly.
2. Start the computer. To install the all-in-one driver, see [4.3 Windows Driver Installation Instructions](#).
3. Turn on the power switch of the all-in-one machine.

 Make sure to start the computer before turning on the all-in-one, otherwise the computer may not recognize the all-in-one. If the computer does not recognize the all-in-one, restart the all-in-one or plug the USB cable again.

6.1.2 Printing Documents

1. Select the "Print" option in the "File" menu.

打印


打印

份数:

打印机 ⓘ

 **MFP1022NW**
就绪

打印机属性

设置

 打印所有页
整个文档

页数:

 单面打印
只打印一侧的页面

 调整
1,2,3 1,2,3 1,2,3

 纵向

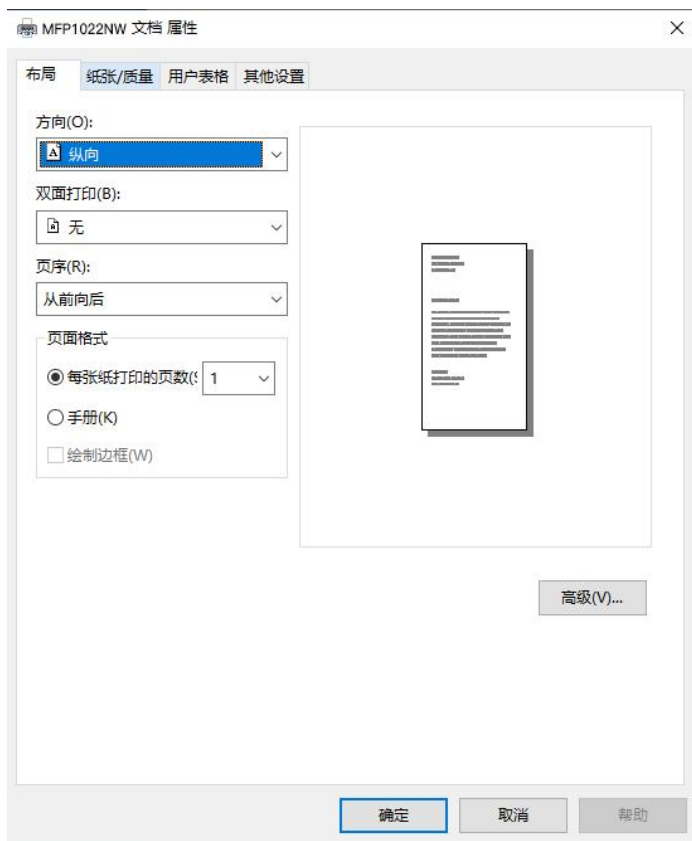
 A5
14.8 厘米 x 21 厘米

 中等边距
左: 1.91 厘米 右: 1.91...

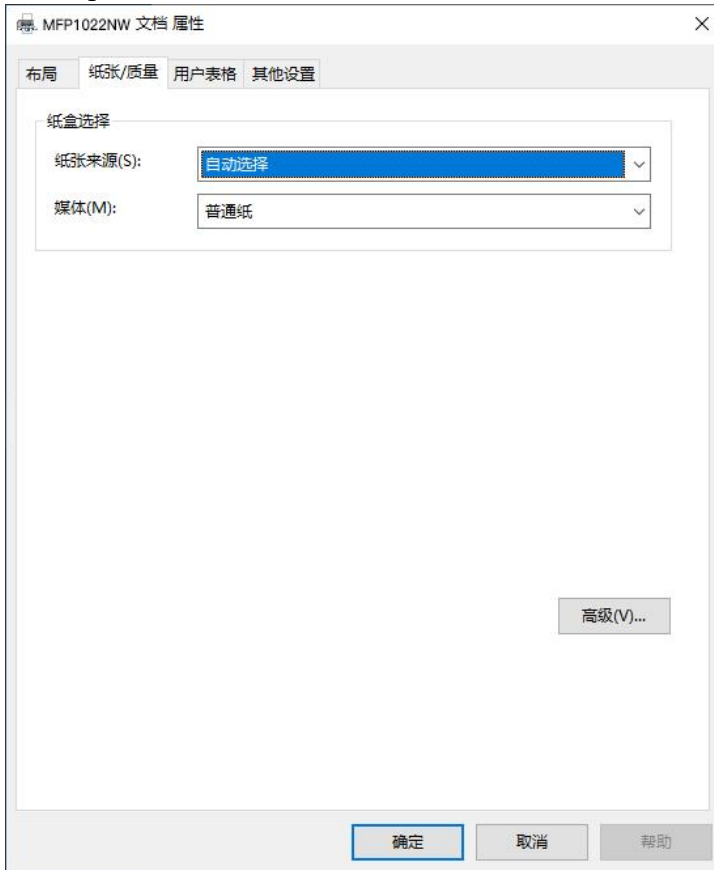
 每版打印 1 页
缩放至 14 厘米 x 20.3 厘米

页面设置

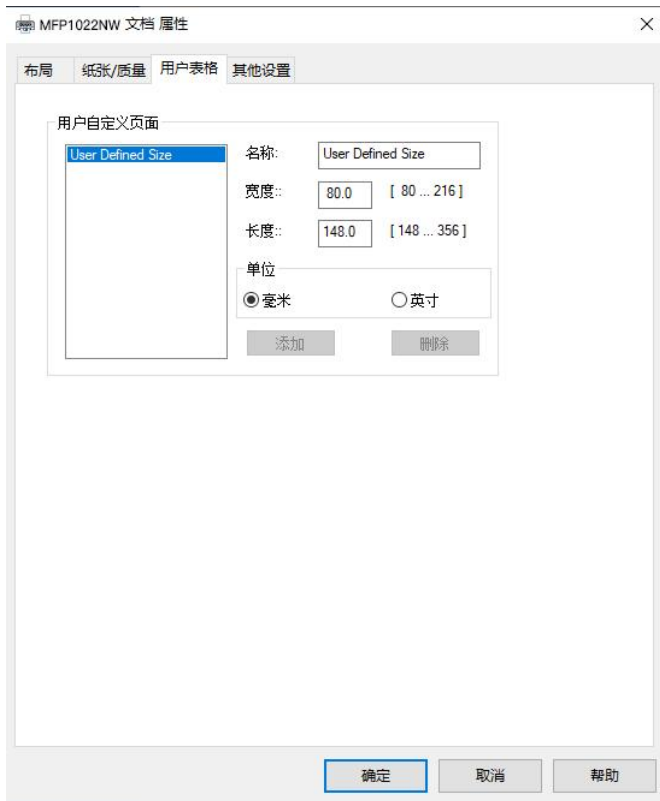
2. In the Print dialog box, click the Printer drop-down list box and select MFP1022NW.
3. Make sure you have the correct size of paper in the paper drawer.
4. Select the desired print page in the page range.
5. Enter the desired number of pages in the Number of Pages field.
6. Click [Printer Properties] and select the printing direction, printing page order and page format in [Layout].



7. Select the source and type of paper in Paper/Quality in Printer Properties.



8. Set the custom paper size in the [User Table] of [Printer Properties].

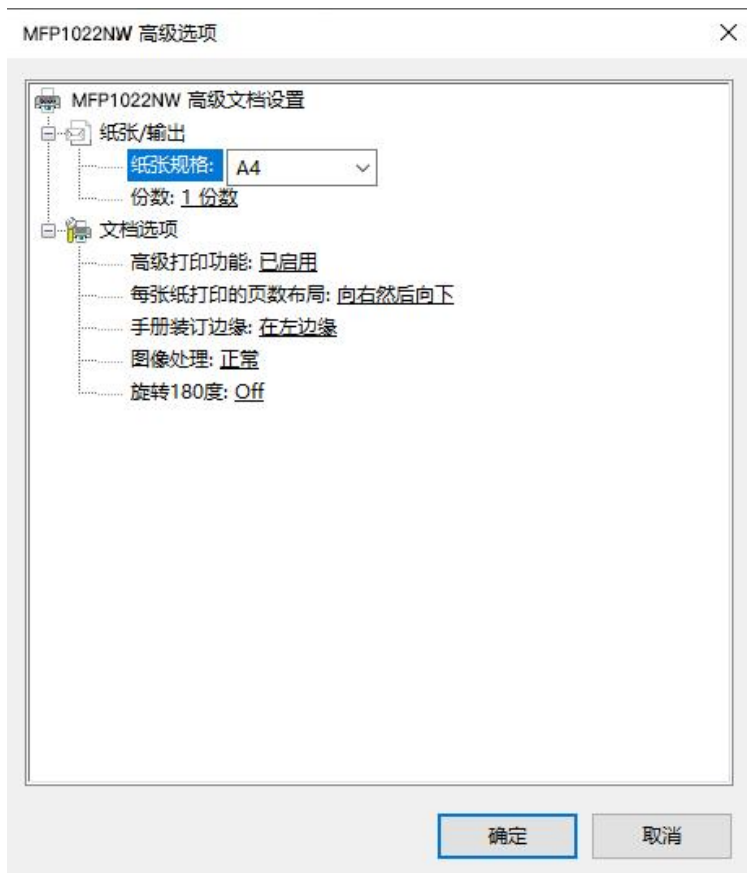


The user can set and add a custom size according to the actual needs, return to the [Print] option, and select the custom size in the paper type.

9. In [Other Settings] of [Printer Properties], select Zoom Printing.



10. In the [Advanced] of [Printer Properties], select the paper specification, advanced printing and other information.

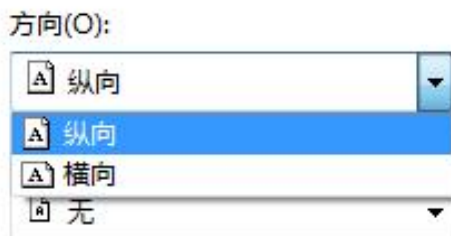


11. Change the settings of other all-in-one machines if necessary.
12. Click OK.
13. Complete the printing operation.

6.1.3 Print Settings

6.1.3.1 Printer Properties - Layout

1. Direction



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

2. Page order



Select the order in which all pages of each task are printed, and support two modes: "front-to-back" and "back-to-front".

3. Page format

Sets the number of pages that need to be printed on each sheet.

页面格式

每张纸打印的页数(S) 1 ▼

☐ 绘制边框(W)

1
2
4
6
9
16

6.1.3.2 All-in-One Attributes - Paper/Quality

1. The source of the paper

纸盒选择

纸张来源(S): 自动选择 ▼

媒体(M): 自动选择

纸盒

Select the paper source settings based on the printing conditions or intent.

2. Media

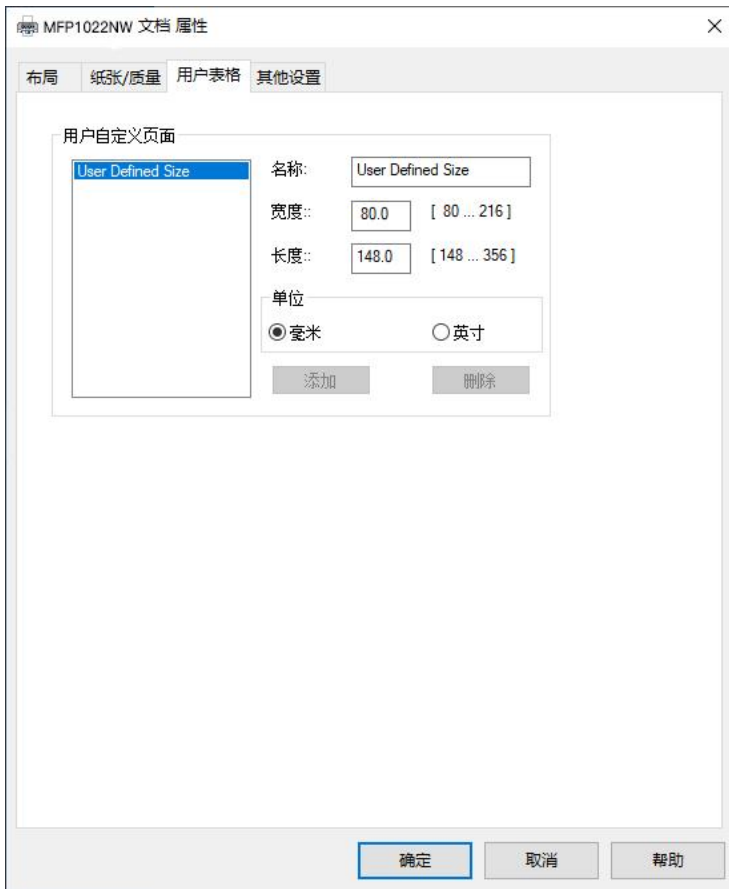
媒体(M): 普通纸 ▼

普通纸
薄纸
厚纸
特厚纸

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

6.1.3.3 All-in-One Attributes - User Table

1. Customize the page



The user can set and add a custom size according to the actual needs, return to the [Print] option, and select the custom size in the paper type.

【Special Note】 To add a custom page size in the all-in-one attribute of a Word document, you need to turn off and restart the document, otherwise the newly added paper size will not take effect immediately.

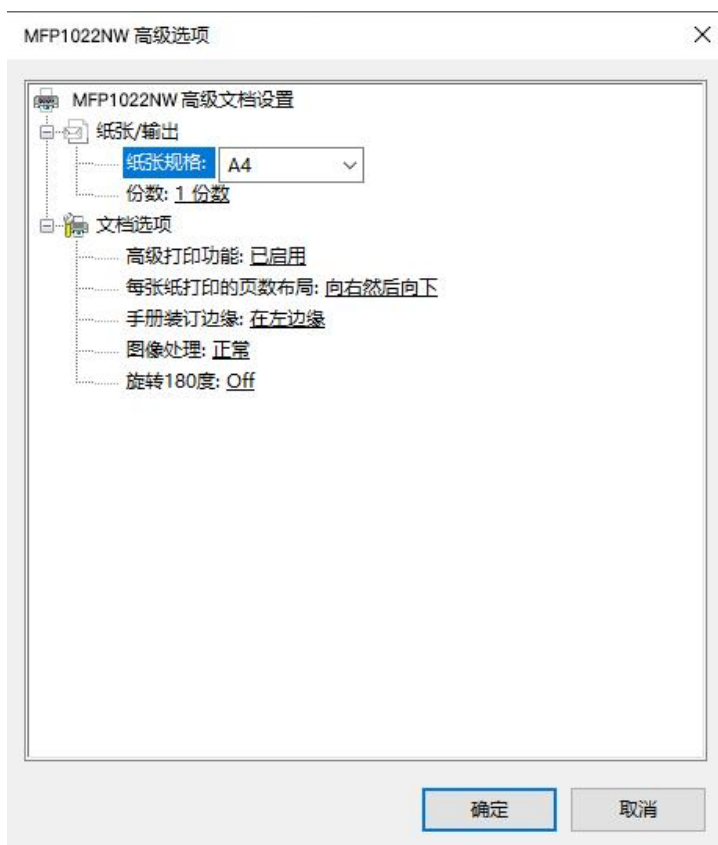
6.1.3.4 All-in-One Properties - Other Settings

1. Zoom options



Resize the page by adjusting the zoom ratio.

6.1.3.5 Advanced Document Settings



1. Paper specifications
Select the paper type.
2. Number of copies
Set the number of copies.
3. Advanced printing function

Turn advanced printing features on or off.

4. The layout of the number of pages printed on each sheet

Support "Right then Down", "From the bottom and then to the right", "From left and then down", "From the bottom then think left".

5. Image processing

This is where high-quality printing can be initiated.

6. Rotate 180 degrees

Select this function to rotate the print 180 degrees.



If the printing job is large, in order to avoid bad impact on the machine, please open the scanning unit to facilitate the heat dissipation of the machine.

6.1.4 Cancel a print job

Press the "Cancel" key on the All-in-One panel to cancel the current print job.

6.2 Linux Print Jobs

Before using the automatic double-sided laser printer to print documents, please read the first five chapters and install the all-in-one driver, the following is an example of the Kirin V10SP1 operating system platform to introduce how to use the all-in-one machine to print documents.



The printing process is the same between different systems, so I will not distinguish them here.

6.2.1 Start the All-in-One Machine

1. Make sure that the power cable and USB cable are connected correctly. .
2. Start the computer. For details about how to install the all-in-one driver, see 4.4 Linux Driver Installation Instructions.
3. Turn on the power switch of the all-in-one machine.



Make sure to start the computer before turning on the all-in-one, otherwise the computer may not recognize the all-in-one. If the computer does not recognize the all-in-one machine, please restart the all-in-one machine or plug in the USB cable again
After the all-in-one machine is turned on, it will enter

a sleep state after 30s without operation.

6.2.2 Printing Documents

Since the printing settings interface of different documents may be different under the Linux system, here are two common interfaces as examples to describe how to use the all-in-one machine to print documents.

 Different types of documents and different systems will have slight differences in the printing setting interface, but the basic functions of the all-in-one machine are no different, please make a judgment according to the actual situation.

6.2.2.1 Word document printing

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

1. Document printing

Open the document and select the Print option in the File menu. Or use the print shortcut key "Ctrl+P" to enter the print settings interface of the document.



In the All-in-One column, you can click the drop-down list on the right in the Name column and select ASTA-MFP1022NW. The "Status", "Type", "Location", and "Remarks" on the lower side reflect some information parameters of the all-in-one machine.

Click [Properties] to set the print properties, which will be described in detail below.



The "Duplex Printing", "Reverse Printing", and "Print to File" options under [Properties] are the built-in

functional options of WPS software, so as not to affect your normal printing effect, please do not check them.

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

In the Copy column, you can adjust the number of copies of the print job and set the copy by copy and non-copy by copy.

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

When the settings are complete, click OK in the lower right corner to print the job.

2. [Attributes] setting

Click the [Properties] option in the upper right corner to enter the all-in-one attribute settings.



[Paper Size], double-click the menu on the right side of the paper size, and 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, a drop-down menu of resolution will appear, you can choose 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, and there are no other options.

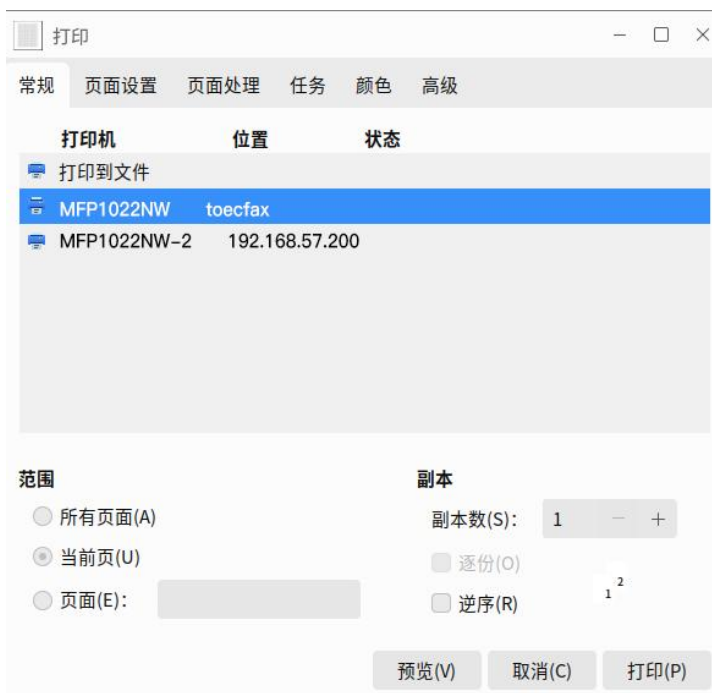
[Zoom], double-click the menu on the right, and a drop-down menu will appear. You can choose the zoom percentage according to your printing needs.

[Image Adjustment], double-click the menu on the right, and a drop-down menu will appear. According to the printing needs, the image color shade can be adjusted, including no processing, light, light, normal, darker, darker.

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 the Document Viewer and select the Print option in the File menu. Or use the print shortcut key "Ctrl+P" to enter the [General] module of the print settings interface of the document.



1. Routine

In the [All-in-one] column, you can select our all-in-one "ASTA-MFP1022NW" from the list.

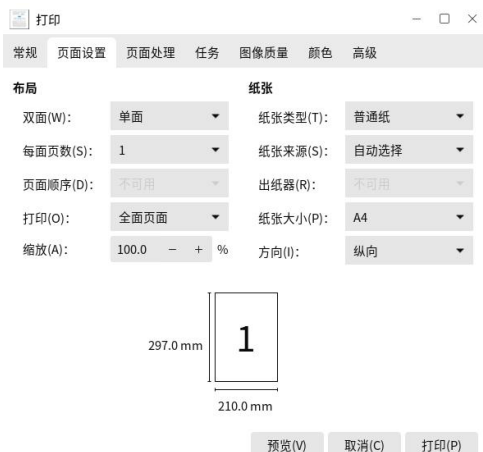
In the [Range] column, you can set the page number range of the print job: you can print all the text, the current page, and you can also set the printing range by yourself.

In the Copy column, you can adjust the number of copies of the print job and set the copy by copy and non-copy by copy.

Click Print Preview to preview the document that will be printed.

2. Page settings: Click the [Page Settings] tab to enter the all-in-one page settings

On this screen, you can make some settings for the print layout and the printed paper.



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

Click the menu on the right side of the Pages per Pages option to display a drop-down menu of pages per page setting, which can be selected according to your printing needs.

Click the menu on the right side of the Print option, a drop-down menu of print settings will appear, and you can

choose to print all pages, odd pages, and even pages according to your printing needs.

Click the arrow to the right of the Zoom option to scale the print format.

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

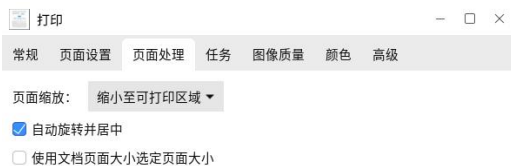
Click the menu on the right side of the Paper Source option, and a drop-down menu of paper sources will appear, and you can select a paper tray according to your printing needs.

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

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

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

There are no special requirements on this page and generally no modifications are made.



预览(V)

取消(C)

打印(P)

Note: For a better printing experience, make sure the Page Zoom option is selected to Shrink to printable area.

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

There are no special requirements on this page and generally no modifications are made.



预览(V)

取消(C)

打印(P)

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

This project focuses on simple settings for image print 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 all-in-one device.



预览(V)

取消(C)

打印(P)

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

[Image Adjustment], double-click the menu on the right, and a drop-down menu will appear. According to the printing needs, the image color shade can be adjusted, including no processing, light, light, normal, darker, darker.

6.2.3 Check the print status

During the printing process, there are two ways to check the printing status: check the real-time printing status through the print driver's built-in print monitoring, and enter the system's all-in-one queue service to view.

1. View print monitoring

The MFP1022NW all-in-one machine comes with a print monitoring function, which can monitor the printing status in real time and feedback to the user in real time.

Startup Status Monitoring:  (Start) >  20SER
Laser All-in-One Condition Monitoring Tool.



Not only that, but when there are some errors on the all-in-one, the status monitoring will report the specific type of error and some simple ways to deal with it. The color of the all-in-one in the upper left corner will also be changed accordingly to remind users more eye-catchingly.

2、View the appliance queue

● UnionTech UOS system

Click  (Start) > **Print Manager** > **MFP1022NW** > **Print Queue.**

The all-in-one queue lists a list of jobs that have been printed by the all-in-one, along with some basic information

about the print job: task number, document name, all-in-one used, document size, submission time, and print status.



● Kirin V10 (SP1) system

Click  (Start) > **Settings** > **Devices** > **All-in-One and Scanner**.

After entering the [All-in-One and Scanner] management interface, select our all-in-one "ASTA-MFP1022NW", click [All-in-one] above, and select [View All-in-One Queue] in the drop-down box to view the printing queue. The all-in-one queue lists a list of jobs that have been printed by the all-in-one, along with some basic information about the print job: task number, document name, all-in-one used, document size, submission time, and print status.



6.2.4 Cancel a print job

In the Start menu, click All-in-One to enter the All-in-One attribute management interface. (Some systems do not have the [All-in-One] option in the [Start] menu, you need to enter the [Control Panel] of the system in the [Start] menu, and then click [All-in-One] to enter the All-in-One attribute management interface.))

On the Attributes Management screen, select ASTA-MFP1022NW (astafax) or ASTA-MFP1022NW (192.168.) for the all-in-one that is printing the job57.200), and then right-click and click View Appliance Queue to enter the Appliance Queue.

Click to select the print job you want to cancel, and right-click and select Cancel to cancel the print job that is in progress or in the queue. When canceled, the status of the job changes to Canceled

In addition, you can reprint a job that has been canceled by selecting the job, right-clicking and selecting "Reprint".

6.3 MAC Print Jobs

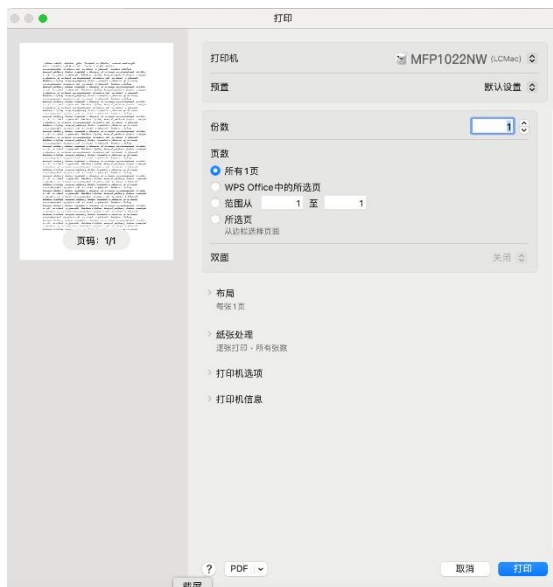
6.3.1 Start the All-in-One Machine

1. Make sure that the power cable and USB cable are connected correctly.
2. Start the computer. IF YOU WANT TO INSTALL THE ALL-IN-ONE DRIVER, SEE THE [4.5 MAC](#) Driver Installation Instructions.
3. Turn on the power switch of the all-in-one machine.

 Make sure to start the computer before turning on the all-in-one, otherwise the computer may not recognize the all-in-one. If the computer does not recognize the all-in-one, restart the all-in-one or plug the USB cable again.

6.3.2 Printing Documents

1. Click "Print" in the file to be printed or use the shortcut key "Command+P" to open the print setting interface.



2. In the [All-in-one] column, you can select the all-in-one "ASTA MFP1022NW". The options on the bottom allow you to set the printing parameters.

In the [Number of copies] column, you can adjust the number of copies of the print job and set the settings for duplex printing.

In the [Number of Pages] column, you can set the page number range for the printing job: you can print all the text, the current page, and you can also set the printing range by yourself.

In the layout list, you can drop down and select [All-in-One Features] to set the "Scale", "Image Adjustment", and "Paper Type" functions of the MFP1022NW.

- 3、 After the settings are completed, click "Print" to send the printing task to the all-in-one machine.
-

- ① When the all-in-one queue appears: "Please put the printed paper into the paper drawer, and click the [Start] button, please do not press and hold!" After prompting, please manually take out the printed paper and put it back in the paper tray, and click the [Start] button of the all-in-one machine to complete the printing on the other side.

When using different software to open a file, the print settings interface may be different, depending on the use.

- ① If the MAC address is only connected to a wired network, you need to manually wake up the all-in-one machine when you deliver a print job.
-

6.3.3 Cancel a print job

Press the "Cancel" key on the All-in-One panel to cancel the current print job.

6.4 App Print Jobs

Before printing the document, please read the first five chapters, install the All-in-One App, and add the All-in-One correctly.

The following takes an Android phone as an example to introduce how to use the all-in-one computer to print pictures or documents.

6.4.1 Start the All-in-One Machine

1. Confirm that the power cord and network connection of the all-in-one machine are normal.
2. Turn on the power switch of the all-in-one machine.
3. Open the mobile phone "ASTA Print" software, and add the all-in-one machine correctly (refer to "4."). 6 App Software Installation Instructions").

6.4.2 Print Jobs

1. Open the "ASTA Print" App and click the "Print" button in the bottom navigation bar to enter the printing interface.



2. Select the content to be printed according to your needs.
3. Click the "Print" button in the upper right corner to enter the print preview interface.



4. Click "Settings" in the lower left corner to set the printing parameters.



5. Enter the required number of copies (1~999) in the number of copies field.
6. Choose whether to print one by one.
7. Select the print color mode.
8. Select the number of pages per page in the page layout.
9. Select the paper source, paper type and paper size and other parameters.
10. Make sure you have the correct size of paper in the paper drawer.
11. Click "OK" in the upper right corner to save the printing parameters.
12. Click "Print Now" to complete the printing.

6.4.3 Cancel the print job

Press the "Cancel" key on the All-in-One panel to cancel the current print job.

7. Scanning Jobs

This chapter describes the instructions for using the scanned documents of this product. Before scanning documents with a monochrome laser MFP, read the first six chapters and install the All-in-One driver.

7.1 Windows Scan Jobs

Take Windows 7 as an example, click  (Start) ► **All Programs > MFP1022NW (folder) > MFP1022NW Scanner** to start the scanner.



Next, the standard mode scanning method is explained.

7.1.1 Scan using standard mode

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

7.1.1.1 Standard Mode Scan Settings

Basic settings

(1) Device selection

This function can find the currently connected all-in-one device, and the found device will be displayed in the main scanning interface. There are two ways: you can choose to find automatically or manually enter, select Auto Find to search for all devices connected to the current environment, or you can choose to manually enter and select the corresponding model to enter the IP to add.

(2) The type of scan

Scan Type:

Flat panel reflective	The device scans both general and opaque manuscripts from the scanner's glass platform.
--------------------------	---

draft	
-------	--

(3) Scan mode

There are three ways to choose from Scan Mode:

colored	Scanning files in 24-bit RGB color, this mode uses more storage space.
Grayscale	Documents are scanned in 256 different shades of gray, giving them black and white gradation and depth.
black and white	Scan documents in black and white, and this mode is recommended for scanning text manuscripts.

(4) resolution

There are four ways to choose from Resolution:

200dpi	Ideal for data such as common text or tables
300dpi	It is suitable for data such as common text or tables, as well as OCR recognition
600dpi	High print quality for color photos and text.
1200dpi	Ideal for high-definition color photos and clear printing of 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 occupies. In order to save memory and maintain good image quality, please choose a reasonable resolution according to your actual needs.

-
- These recommended values are for reference only, and
-



if the image is not clear enough, or if you need to see more detail, you must still increase the resolution.

- When you scan large color images at a higher resolution (600 dpi), it will significantly increase the scan time, increase the file size, and take up a lot of system resources.
-

(5) Paper size

Paper Size is available in the following five sizes.

A4	A4 longitudinal
A5	A5(5.83×8.27'')纵向
B5(HE)	B5(JIS) 182×257mm 纵向
A6	A6 105×148mm 纵向
Letter	Letter (8.5×11") longitudinal

(6) 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 brightness of all colors in the image.

(7) brightness

Increasing the brightness will increase the amount of white in the image, and the image will feel "washed out"; Reducing

the brightness makes lighter or blurry handwriting a little clearer.



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

(8) Gamma

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



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

Image processing

(1) Noise optimization

This feature supports removing noise from the background of a document in black and white mode, with four options: Off, Low, Medium, and High.

(2) Merge split

This function supports merging/splitting pictures and documents, and users can choose to merge/split vertically and horizontally according to actual needs.

(3) revolve

This function supports rotating the image, which can be rotated clockwise by 0 degrees, 90 degrees, 180 degrees, and 270 degrees.

(4) Automatic correction

This function can correct a manuscript with a certain tilt angle to a vertical scanner, and the tilt angle should not be greater than 15 degrees.

(5) Red-headed files

This feature is commonly used for samples with red titles and red stamps.

(6) Patch the edge inward

When this option is checked, it can produce the effect of inward filling in the white edge to compensate for the black edge of the image caused by the skew of the sample.

(7) Output multiple images

This feature supports image format scanning and simultaneously outputs black-and-white, grayscale, color images, or grayscale, black-and-white images (black-and-white mode is not available).

(8) Multi-image cropping

In flatbed mode, scan multiple small-sized manuscripts at once, and automatically crop multiple images for output. It is

generally used for scanning multiple business cards and ID cards.

 Do not slant overlays between multiple originals, otherwise they will not be recognized.

(9) Delete blank pages

This feature allows you to delete blank pages from scanned manuscripts.

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

(10) Remove the background

This feature allows you to process the background color of the original to white or a similar solid color.

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

Save the settings

(1) Set up a template

Generally, the default template is selected, the "New" button on the right can add a new template, and the "Delete" button can delete the selected template.

(2) Save the directory

The default save path is C:\Users\Public\ Pictures\ MF P1022NW. Click the "Add" button on the right to add a new path, and click the "Delete" button to delete the selected path.

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

(3) filename

● When Time String is selected:
converts the current time to a string as the file name of the scanned file, such as :20221024152344873.jpg

● When File Prefix is selected:
This mode can set the file name of the scanned file according to the user-defined file prefix name. In this mode, the file name consists of three parts: a prefix, a separator, and the number of digits.

prefix	The length is limited to 200
separator	Contains hyphens — , underscores _, consecutive omits..., @, #, ~.
Number of digits encoded	4 digits are displayed, and the deficiency is 0:0001, 0011, 0101, and 1001 3-digit display, less than 0:001, 010, 999, 10001, 10002 2 digits are displayed, and the deficiency is made up to 0:01, 02, 10, 99, 100, and 101 1-digit display, automatically add 1:1, 2, 10, 99, 100

This feature is very convenient when scanning unused documents, such as testing @0001.jpg files.

(4) Save the format

- When selecting an image:

There are four formats to choose from.

Image	.jpg/.png/.bmp/.tiff
-------	----------------------

- When you select a document:

There are four formats to choose from.

documentation	Single PDF/Multiple PDF/Single OFD/Multiple OFD
---------------	---

- When OCR is selected:

There are three formats to choose from.

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

(5) compress

This feature is only available when "Image→jpg" is selected for "Scan Format", and the compression mode is available in the following five cases.

Standard quality	Original image quality compressed to 60%
High image quality	Compression of original image quality to 70%
Higher	Original image quality compressed to 80%

image quality	
Ultra-high image quality	Original image quality compressed to 90%
Highest image quality	The quality of the original image is not compressed

Scan status

(1) Scan status

This window displays things like scanner status, exception information, and information tips during the scan.

7.1.1.2 Perform scanning tasks

Make sure that there is a clear connection between the scanner and your PC before scanning.

(1) Load the original

(2) 启动 MFP1022NW Scanner，执行以下操作中的一项：

点击  (开始) > 所有程序 > MFP1022NW(文件夹) >

MFP1022NW Scanner。

(3) Set the standard mode sweep parameters

(4) Click Scan

The device starts scanning, and the scanned images are saved to the destination folder.

7.1.2 Troubleshooting and Support

7.1.2.1 Look for scanner anomalies

Refreshing the device list does not find the scanner, check the following:

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

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

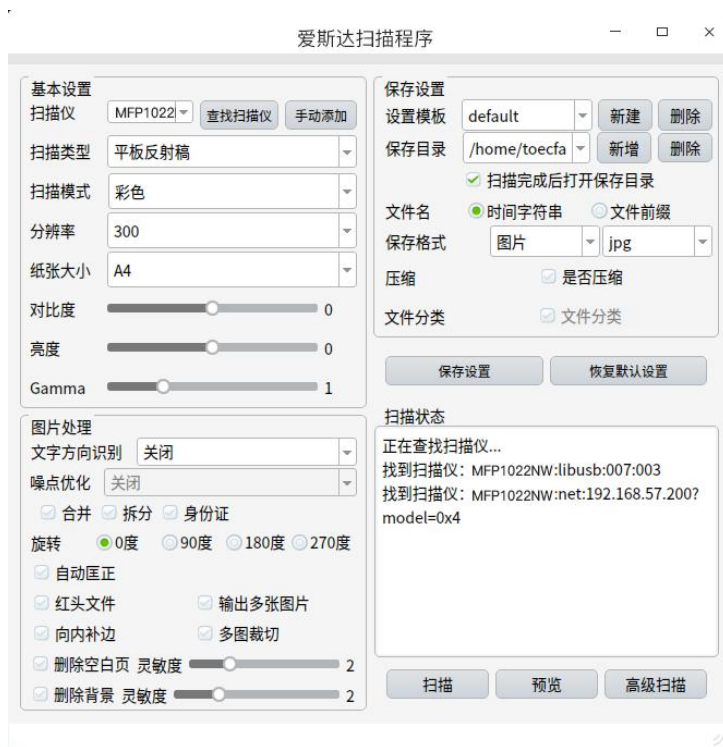
- Replace the USB cable with a new one.
- Use a different USB port.
- For wired network connections, replace with new LAN interface cables.
- Use a different LAN port on the hub.
- Uninstall and reinstall the appliance drivers

7.2 Linux Scan Jobs

Take UnionTech UOS as an example, click "ASTA Communication 22 series Management Tools" in the start menu.



Start the "22 series Scanner Program".



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

Basic settings

(1) Find a scanner

This feature finds the currently connected all-in-one device, which is loaded into the scanner drop-down list on the left.

(2) Add manually

This feature is mainly used to connect network scanners across network segments, and if the all-in-one device and the connected computer do not belong to the same network segment, you can use this feature to easily connect devices from different network segments.



The screenshot shows a dialog box titled "手动添加扫描仪" (Manual Add Scanner) with a close button (X) in the top right corner. Inside the dialog, there are three input fields: "系列" (Series) with a dropdown menu showing "请选择系列" (Please select series), "型号" (Model) with a dropdown menu showing "请选择型号" (Please select model), and "IP地址" (IP Address) with a text input field. At the bottom right, there are two buttons: "取消" (Cancel) and "确定" (OK).

Select "MFP1022NW" for the series, select "MFP1022NW" for the model, and enter the IP address of the all-in-one device in the IP address column, for example: "192.168".57.200 ". Click OK and the scanner will automatically find the All-in-One Network.

手动添加扫描仪 ×

系列 型号

IP地址

(3) The type of scan

Scan Type:

Flat panel reflective draft	The device scans both general and opaque manuscripts from the scanner's glass platform.
-----------------------------------	---

(4) Scan mode

There are three ways to choose from Scan Mode:

colored	Scanning files in 24-bit RGB color, this mode uses more storage space.
Grayscale	Documents are scanned in 256 different shades of gray, giving them black and white gradation and depth.
black and white	Scan documents in black and white, and this mode is recommended for scanning text manuscripts.

(5) resolution

There are four ways to choose from Resolution:

200dpi	Ideal for data such as common text or tables
300dpi	It is suitable for data such as common text or tables, as well as OCR recognition
600dpi	High print quality for color photos and text.
1200dpi	Ideal for high-definition color photos and clear printing of 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 occupies. In order to save memory and maintain good image quality, please choose a reasonable resolution according to your actual needs.

-
- ● These recommended values are for reference only, and if the image is not clear enough, or if you need to see more detail, you must still increase the resolution.
- When you scan large color images at a higher resolution (600 dpi), it will significantly increase the scan time, increase the file size, and take up a lot of system resources.
-

(6) Paper size

Paper Size is available in the following five sizes.

A4	A4 longitudinal
----	-----------------

A5	A5($5.83 \times 8.27''$)纵向
B5(HE)	B5(JIS) $182 \times 257\text{mm}$ 纵向
A6	A6 $105 \times 148\text{mm}$ 纵向
notepaper	Letter ($8.5 \times 11''$) longitudinal

(7) contrast

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



This drags the slider left or right to decrease or increase the brightness of all colors in the image.

(8) brightness

Increasing the brightness will increase the amount of white in the image, and the image will feel "washed out"; Reducing the brightness makes lighter or blurry handwriting a little clearer.



These drag the slider left or right to decrease or increase the brightness of all the colors in the image.

(9) Gamma

The image gamma value is used to adjust the color of the scanned computer image. Gamma values are expressed as smooth curves. You can change the tonal range of the selected color channel by adjusting the gamma value. The Gamma value

is mainly used to measure the brightness of a color. The higher the gamma value, the brighter the color.



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

Image processing

(1) Text direction recognition

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



This feature only supports regular text

(2) Noise optimization

This feature supports removing noise from the background of a document in black and white mode, with four options: Off, Low, Medium, and High.

(3) Merge split

This function supports merging/splitting pictures and documents, and users can choose to merge/split vertically and horizontally according to actual needs.

(4) revolve

This function supports the rotation of the image, which can be rotated counterclockwise by 0 degrees, 90 degrees, 180 degrees, and 270 degrees.

(5) Automatic correction

This function can correct the manuscript with a certain tilt angle into the vertical paper path into the scanner, and the tilt angle should not be greater than 15 degrees.

(6) Red-headed files

This feature is commonly used for samples with red titles and red stamps.

(7) Patch the edge inward

When this option is checked, it can produce the effect of inward filling of white edges to compensate for the black edges of the image caused by skewed feeds.

(8) Output multiple images

This feature supports image format scanning and simultaneously outputs black-and-white, grayscale, color images, or grayscale, black-and-white images (black-and-white mode is not available).

(9) Multi-image cropping

This feature is only available in flatbed mode, where multiple small-sized manuscripts are scanned at once and multiple images are automatically cropped for output. It is

generally used for scanning multiple business cards and ID cards.

 Do not slant overlays between multiple originals, otherwise they will not be recognized.

(10) Delete blank pages

This feature allows you to delete blank pages from scanned manuscripts.

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

(11) Remove the background

This feature allows you to process the background color of the original to white or a similar solid color.

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

Save the settings

(1) Set up a template

Generally, the default template is selected, the "New" button on the right can add a new template, and the "Delete" button can delete the selected template.

(2) Save the directory

The default save path is /home/[current user name]/scanner/MFP1022NW/. The "New" button on the right can add a new path, and the "Delete" button can delete the selected path.

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

(3) filename

● When Time String is selected:
converts the current time to a string as the file name of the scanned file, such as :20221024152344873.jpg

● When File Prefix is selected:
This mode can set the file name of the scanned file according to the user-defined file prefix name. In this mode, the file name consists of three parts: a prefix, a separator, and the number of digits.

prefix	The length is limited to 200
separator	Contains hyphens — , underscores _ , consecutive omits..., @, #, ~.
Number of digits encoded	4 digits are displayed, and the deficiency is 0:0001, 0011, 0101, and 1001 3-digit display, less than 0:001, 010, 999, 10001, 10002 2 digits are displayed, and the deficiency is made up to 0:01, 02, 10, 99, 100, and 101

	1-digit display, automatically add 1:1, 2, 10, 99, 100
--	--

This feature is very convenient when scanning unused documents, such as testing @0001.jpg files.

(4) Save the format

- When selecting an image:

There are four formats to choose from.

Image	.jpg/.png/.bmp/.tiff
-------	----------------------

- When you select a document:

There are four formats to choose from.

documentation	Single PDF/Multiple PDF/Single OFD/Multiple OFD
---------------	---

- When OCR is selected:

There are three formats to choose from.

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

(5) compress

This feature is only available when "Image→jpg" is selected for "Scan Format", and the compression mode is available in the following five cases.

Standard quality	Original image quality compressed to 60%
High image quality	Compression of original image quality to 70%

Higher image quality	Original image quality compressed to 80%
Ultra-high image quality	Original image quality compressed to 90%
Highest image quality	The quality of the original image is not compressed

(6) Manual tidying

This feature is effectively available when saving the format as a document. Support the order adjustment of scanned images of multi-page manuscripts, and support selective deletion and all deleted scanned images.

Scan status

(1) Scan status

This window displays things like scanner status, exception information, and information tips during the scan.

7.2.1.2 Execute the scanning task

Before scanning, make sure that the scanner and PC are well connected, click the [Find Scanner] button, and you can start scanning when you find MFP1022NW scanner. You can select each function according to your specific scanning needs, and click the [Scan] button to start the scan.

Make sure that there is a clear connection between the scanner and your PC before scanning.

- (1) Load the original
- (2) Start the MFP1022NW Scan Tool:

Click  (Start) ► **ASTA 22 series Management Tools > 22 series Scanner Programs.**

- (3) Find a scanner

When you start the scanner tool, it will automatically find the currently connected scanner, if the scanner drop-down box is found MFP1022NW device, click [Find Scanner] to find it manually.

- (4) Set the standard mode sweep parameters
- (5) Click Scan

When the device starts scanning, [Scan Status] will display information such as scanner status, abnormal information, and prompts during the scanning process, and the scanned images will be saved to the destination folder.

7.2.2 View scan logs

After the scan is complete, you can view the scan records based on the scan logs.

- (1) Launch the Scan Log tool

Click  (Start) **to > ASTA 22 series Management Tools > 22 series Scan Logs.**



A screenshot of a web application window titled "管理员登录" (Administrator Login) with a close button (X) in the top right corner. The form contains two input fields: "用户名:" (Username) and "密码:" (Password). The username field is empty and has a blue border, while the password field is also empty and has a grey border. Below the input fields are two buttons: "登录" (Login) and "修改登录信息" (Modify Login Information).

(2) Enter your account and password

The initial username is admin and the password is 1234.



A screenshot of the same "管理员登录" (Administrator Login) window. The "用户名:" (Username) field now contains the text "admin". The "密码:" (Password) field contains four black dots, indicating a masked password. The "登录" (Login) button is now highlighted with a blue border, and the "修改登录信息" (Modify Login Information) button remains grey.

(3) View the logs



7.2.3 Troubleshooting and Support

7.2.3.1 Look for scanner anomalies



If you can't find the scanner, check the following:

- Whether all equipment protection components have been removed.

- Whether the interface cable is properly connected to the device and computer.
- Whether the driver has been installed correctly.
- Confirm that the IP address assigned to this device is available.

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

- Replace the USB cable with a new one.
- Use a different USB port.
- For wired network connections, replace with new LAN interface cables.
- Use a different LAN port on the hub.
- Uninstall and reinstall the appliance drivers

7.3 Mac Scan Job

Take Mac OS 13.2.1 as an example, find "ASTA Scanner" on the launchpad or in the program list to start the scanning program.



Next, the standard mode scanning method is explained.

7.3.1 Scan using standard mode

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

7.3.1.1 Standard Mode Scan Settings

(1) scanner

After the "ASTA Scanner" is activated, the software automatically obtains the list of available devices, and the

corresponding scanner can be selected through the drop-down menu to deliver the scanning task.

Click "Refresh" to re-access the list of devices.

(2) Manuscript source:

Manuscript Source:

flat	The device scans both general and opaque manuscripts from the scanner's glass platform.
------	---

(3) Color mode

There are three ways to choose from Color Mode:

colored	Scanning files in 24-bit RGB color, this mode uses more storage space.
Grayscale	Documents are scanned in 256 different shades of gray, giving them black and white gradation and depth.
black and white	Scan documents in black and white, and this mode is recommended for scanning text manuscripts.

(4) Document type

This function is available in three modes: "Auto", "Image", and "Text", and the scanner can be adjusted according to the set parameters to achieve the best scanning results.

(5) resolution

There are four ways to choose from Resolution:

200dpi	Ideal for data such as common text or tables
300dpi	It is suitable for data such as common text or tables, as

	well as OCR recognition
600dpi	High print quality for color photos and text.
1200dpi	Ideal for high-definition color photos and clear printing of 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 occupies. In order to save memory and maintain good image quality, please choose a reasonable resolution according to your actual needs.

-
- These recommended values are for reference only, and if the image is not clear enough, or if you need to see more detail, you must still increase the resolution.
 - When you scan large color images at a higher resolution (600 dpi), it will significantly increase the scan time, increase the file size, and take up a lot of system resources.
-

(6) Scan size

Scan Sizes are available in the following five sizes:

A4	A4 longitudinal
A5	A5($5.83 \times 8.27''$)纵向
B5(HE)	B5(JIS) $182 \times 257\text{mm}$ 纵向
A6	A6 $105 \times 148\text{mm}$ 纵向

notepaper	Letter (8.5×11") longitudinal
-----------	-------------------------------

(7) Save type

Save Type allows you to save scanned documents in JPEG or PDF format.

(8) revolve

This feature is a page rotation setting, and there are two angles to choose from: 90 and 180 degrees.

(9) Save the name

This function sets the file save name, and you can customize the file save name according to the content in the input box.

(10) Save the directory

This function sets the file storage directory and allows you to customize the file saving directory according to the selected location.

7.3.1.2 Perform a scanning task

Make sure that there is a clear connection between the scanner and your PC before scanning.

- (1) Load the original
- (2) Start the Photocommunication Scanner scanning tool
- (3) Select the scanner in the scanner list
- (4) Set the scan parameters

(5) Click Scan

The device starts scanning, and the scanned images are saved to the destination folder.

7.3.2 Troubleshooting and Support

7.3.2.1 Look for scanner anomalies

Refreshing the device list does not find the scanner, check the following:

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

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

- Replace the USB cable with a new one.
- Use a different USB port.
- For wired network connections, replace with new LAN interface cables.
- Use a different LAN port on the hub.
- Uninstall and reinstall the appliance drivers.

7.4 App Scan Jobs

Before scanning the document, please read the first five chapters, install the All-in-One App, and add the All-in-One correctly.

Take an Android phone as an example, open the "ASTA Print" App, click the "Scan" button in the bottom navigation bar, and switch to the scanning interface to scan the operation.



7.4.1 Scan parameter setting

(1) Scan size

This model of all-in-one only supports A4 size scanning in the mobile app.

(2) Scan mode

Scan Mode:

flat	The device scans both general and opaque manuscripts from the scanner's glass platform.
------	---

(3) Color mode

There are two ways to choose from Color Mode:

colored	Scanning files in 24-bit RGB color, this mode uses more storage space.
Grayscale	Documents are scanned in 256 different shades of gray, giving them black and white gradation and depth.

(4) resolution

The "Resolution" is available in 150dpi and 300dpi modes

-
-  Resolution is measured in pixels per inch (dpi). The higher the resolution, the more detailed the image and the more space it occupies. In order to save memory and maintain good image quality, please choose a reasonable resolution according to your actual needs.
- The recommended values are for reference only, if the
-

image is not clear enough, or if you need to see more details, you still need to increase the resolution.

7.4.2 Perform a scanning task

Please make sure that the connection between the scanner and your phone is unobstructed before scanning.

- (1) Load the original
- (2) Open the "ASTA Print" app and switch to the scanning interface
- (3) Set the scan parameters
- (4) Click Scan
- (5) After the manuscript is scanned, the App enters the scanning preview interface

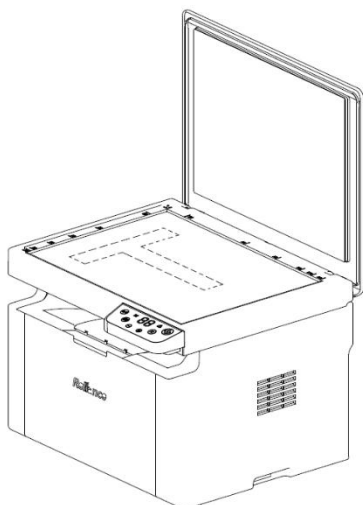


(6) Click Save, select the save format and enter a file name to complete the scan

8. Photocopying

8.1 Routine Copying

- (1) Make sure you have the correct size of paper in the paper drawer.
- (2) Place the original face down on the scanner.



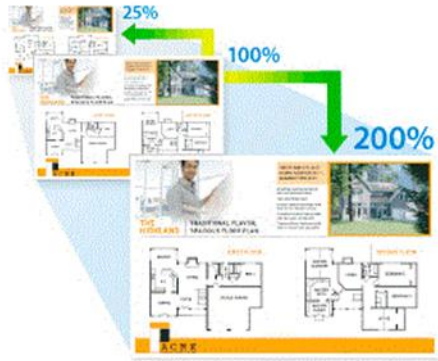
- (3) If necessary, you can change the number of copies. Press or   to adjust the  number of copies copied from the panel.
- (4) Press  [Start] and the [Start] button on the panel flashes green to start copying.



To stop copying, press  the [Cancel] button.

8.2 Enlarge or Shrink Copying

Select the magnification or zoom out ratio to adjust the size of the copy data.

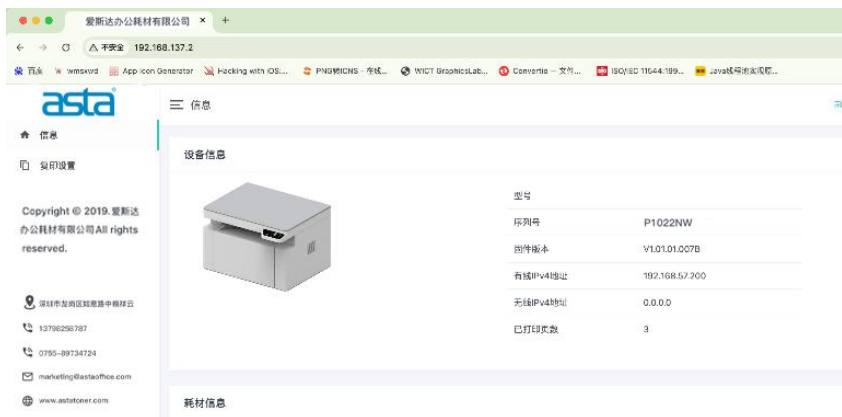


- (1) Load the original.
- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.



- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  [登录](#), the initial login user name of the webpage is admin, and the initial login password is: 000000.



(4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.

(5) In 缩放设置 % [Zoom Settings], enter a magnification or reduction scale between [25] and [400].

Click  "Submit" to complete the settings.

(6) If necessary, you can change the number of copies. Press  or  to adjust the  number of copies copied from the panel.

(7) Press  [Start] and the [Start] button on the panel flashes green to  start copying.

8.3 N-in-1 Copying Using Page Layouts

The N-in-1 copy function can copy two pages of documents on a single sheet, effectively saving paper.

- (1) Load the original.
- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.

- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  登录 , the initial login user name of the webpage is admin, and the initial login password is: 000000.

- (4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.

(5) Select the 布局 关闭 appropriate layout option in [Layout].

- 2-in-1 (portrait)



- 2-in-1 (landscape)



- Proportional photocopying (2*2).



- Proportional photocopying (3*3).



 The format of the proportional copy scan is A4 size.

- Image duplication (1*2).



- Image duplication (2*2).



 The image is re-scanned in A6 size.

- (6) If necessary, you can change the number of copies. Press  or on the panel  to adjust the  number of copies copied from the panel.
- (7) Press  [Start], the [Start] button on the panel flashes green to  start scanning, and the start button will flash quickly after the first page is scanned.
- (8) For 2-in-1 scanning, after the first page is scanned, place the next page on the scanner and press  [Start] to scan the page again.

8.4 Changing the Copy Quality

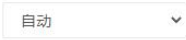
Select the copy quality based on the type of document being copied.

- (1) Load the original.
- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.

- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  登录 , the initial login user name of the webpage is admin, and the initial login password is: 000000.

- (4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.

- (5) In  复印质量  [Copy Quality], select the copy quality based on the type of document being copied.

- (6) If necessary, you can change the number of copies. Press

or on the panel   to adjust the  number of copies copied from the panel.

- (7) Press  [Start] and the [Start] button on the panel flashes green to  start copying.

8.5 Changing the Copy Density

If the original page is lighter or darker, you can change the contrast to improve the quality of the copy.

- (1) Load the original.
- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.

- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  , the initial login user name of the webpage is admin, and the initial login password is: 000000.

- (4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.
- (5) Select the  浓度  默认 desired brightness level (from light to dark) in [Concentration].
- (6) If necessary, you can change the number of copies. Press  or  on the panel  to adjust the  number of copies copied from the panel.
- (7) Press  [Start] and the [Start] button on the panel  flashes green to start copying.

8.6 Changing the Copy Contrast

If the original page is lighter or darker, you can change the contrast to improve the quality of the copy.

- (1) Load the original.
- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.

- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter

the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  登录 , the initial login user name of the webpage is admin, and the initial login password is: 000000.

(4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.

(5) Select the  对比度 desired contrast level in [Contrast].

(6) If necessary, you can change the number of copies. Press   to adjust the  number of copies copied from the panel.

(7) Press  [Start] and the [Start] button on the panel flashes green to  start copying.

8.7 Changing the Copy Resolution

Resolution is measured in pixels per inch (dpi). The higher the resolution, the more detailed the image will be, and the scanning time will be significantly longer.

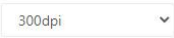
(1) Load the original.

- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.

- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  登录 , the initial login user name of the webpage is admin, and the initial login password is: 000000.

- (4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.

- (5) Select the  appropriate resolution in [Resolution], which supports both 300dpi and 600dpi resolutions.

300dpi	It is suitable for data such as common text or tables, as well as OCR recognition
600dpi	High print quality for color photos and text.



- These recommended values are for reference only, but if the image is not sharp enough, or if you want to see more detail, you must still increase the resolution.
 - When you scan large color images at a higher resolution (600 dpi), the scan time is significantly longer.
-

(6) If necessary, you can change the number of copies. Press

or on the panel   to adjust the  number of copies copied from the panel.

(7) Press  [Start] and the [Start] button on the panel

flashes green to  start copying.

8.8 Change the copy paper type and paper size

The paper size and paper type that must be set when the paper drawer is loaded with other sizes and types of paper.

- (1) Load the original.
- (2) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.

Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.

- (3) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  登录 , the initial login user name of the webpage is admin, and the initial login password is: 000000.

- (4) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.

- (5) Select the  纸张类型  普通纸 desired paper in [Paper Type].

(6) In [ Paper Size], select the correct paper size to place in the paper tray.

(7) If necessary, you can change the number of copies. Press or on the panel   to adjust the  number of copies copied from the panel.

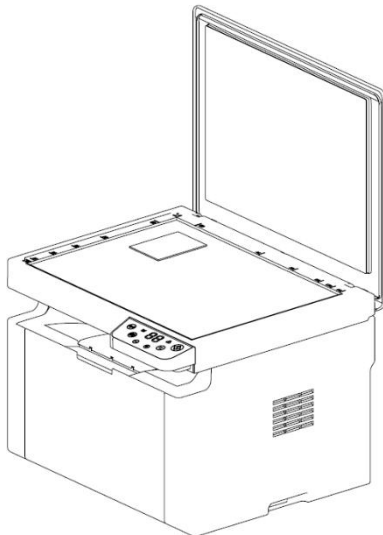
(8) Press  [Start] and the [Start] button on the panel flashes green to  start copying.

8.9 Copy of ID card

Use  the [2-in-1 ID Card Copy] function to copy both sides of your ID card to the same page at their original size.



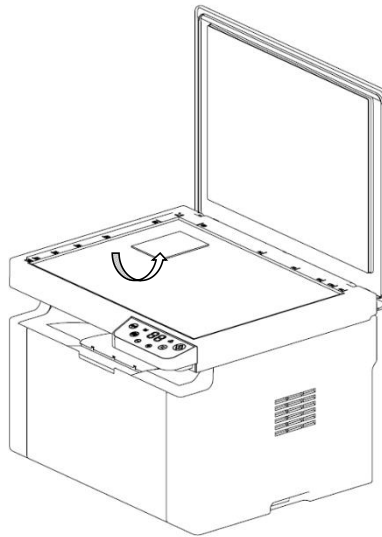
- (1) Place your ID face down near the top left corner of the scanner.



- (2) Press  [2-in-1 ID Card Copy].
- (3) If necessary, you can change the number of copies. Press   to adjust the  number of copies copied from the panel.
- (4) Connect the computer host to the all-in-one computer through network cables, routers, or wireless hotspots.
Press and hold the  [Start] button to print out the information page on the all-in-one machine, and check the corresponding IP address on the information page.
- (5) Open the browser of the computer host, enter the corresponding IP address in the address bar, and enter the setting page of the all-in-one machine. For the first time, you can click [Login] in the upper right corner of the page  登录 , the initial login user name of the webpage is admin, and the initial login password is: 000000.
- (6) Click "Copy Settings" on the left sidebar  复印设置 to enter the Copy Settings screen.
- (7) When [ 自动旋转  关闭] Auto Rotate] is turned on or off, the All-in-One will automatically rotate the skewed ID card scanned image.



- (8) Press  [Start], the [Start] button on the panel flashes green to  start copying, and after the first side of the ID card is scanned, the start button will flash rapidly.
- (9) After the device has scanned the first side, turn the ID over and place it in the upper left corner of the tablet scanner as well.
- (10) Press  [Start] to scan the other side, and printing will start when the scan is complete.



9. Troubleshooting

Resolve any problems you may encounter while using this device in accordance with this section. By following the fault information displayed by the condition monitor, you can quickly find the problem and resolve most of the problems yourself.

9.1 Paper jamming

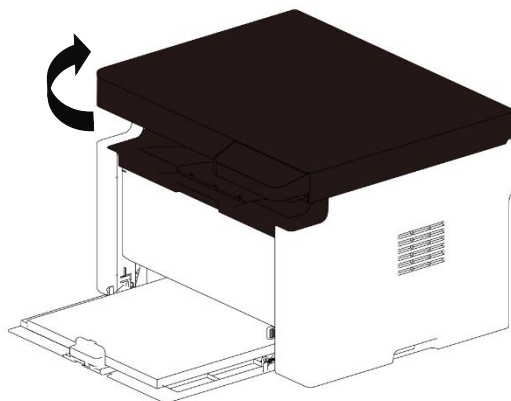
If the machine has a paper feeding failure during the printing process, please follow the fault information displayed by the machine's status monitor to resolve the problem by yourself.

Fault information	cause	measure
Paper dispensing failed/The paper drawer is paperless, please put in the paper, and click the "Start" button to continue printing	When the paper fed from the paper drawer is printed, the print sensor does not detect that the paper passes through or the paper drawer is paperless within the specified time for the print sensor to detect the presence of paper.	Check the paper drawer to lay the paper flat or put the paper in
There is paper inside the movement,	The print sensor detects that a paper is pressed down on the print	Open the upper cover,

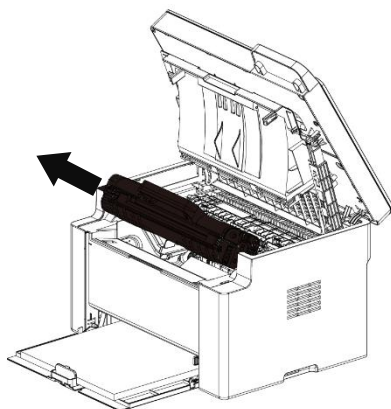
please open the upper cover, take out the toner cartridge, and remove the jammed paper	sensor rod, so that the print sensor is in the state of paper passing	completely remove the drum unit, and remove the jammed paper
To feed paper jammed, open the upper cover, take out the toner cartridge, and clear the paper jam	After the print sensor detects that the paper passes, the specified time after the print sensor detects the paper passing, but the print sensor is still in the state of paper passing	Open the upper cover, completely remove the drum unit, and remove the jammed paper
If there is no toner cartridge, please put it in	The machine did not detect the toner cartridge	Place the toner cartridge
When the cartridge is out of life, replace the cartridge	The machine detected that the cartridge life was exhausted	Replace the toner cartridge with a new one

9.1.1 Paper jam in the paper drawer

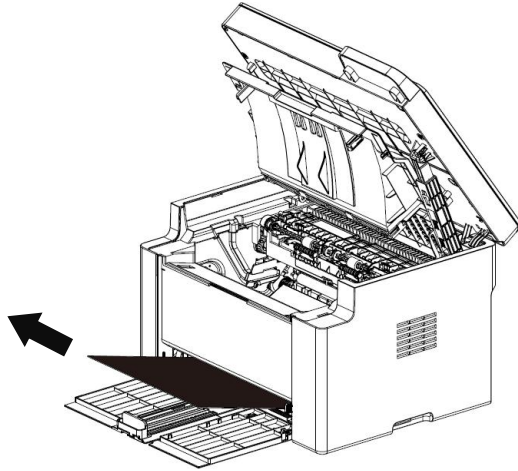
1. Open the upper cover and scanning unit.



2. Take out the drum unit.



3. Clear the paper jam.



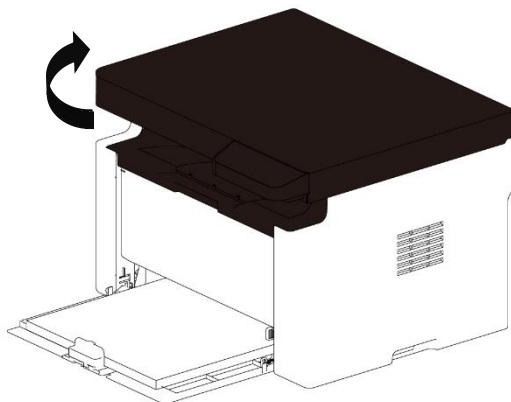
Pull out the jammed paper outward with both hands to easily remove the jammed paper.

3. Load the toner cartridge and close the lid and scanning unit.

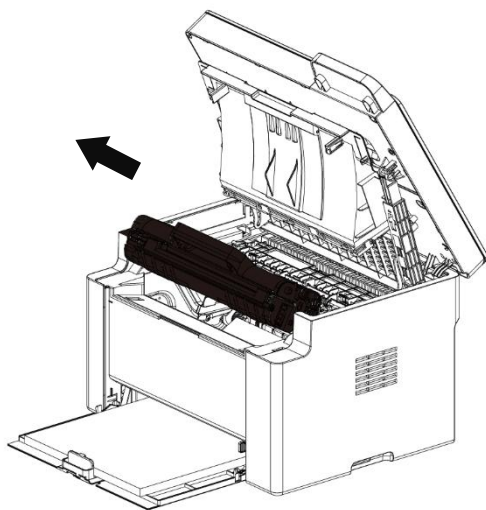
9.1.2 Paper jam inside the machine

If the device's status monitor shows that the paper jam location is inside the machine, follow these steps:

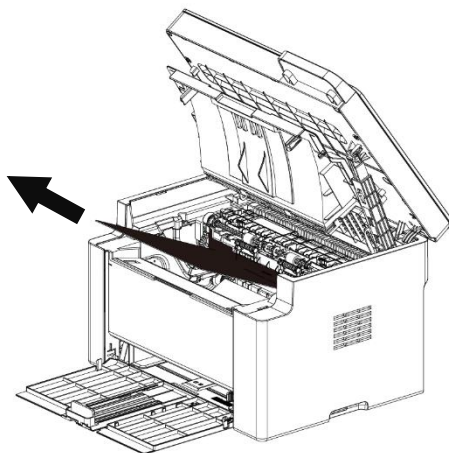
1. Open the upper cover and scanning unit.



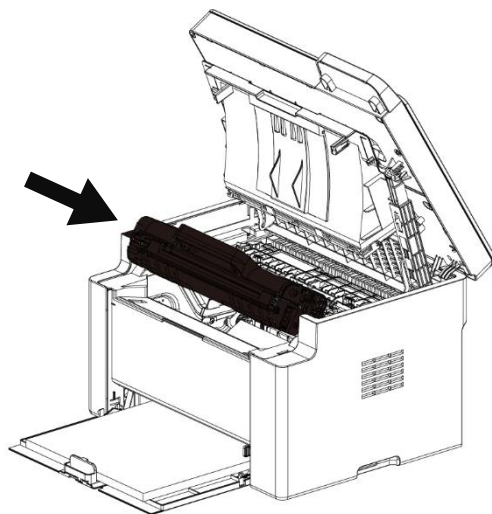
2. Remove the drum unit.



3. Slowly pull out the jammed paper.



4. Load the drum unit into the device.



5. Close the lid and scanning unit.

9.2 Identifying Problems

Even if there is a problem with the device, you can solve most of the problems by yourself, if you encounter a problem that cannot be solved, please contact the after-sales service of ASTA.

First, do the following:

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

10. Daily maintenance

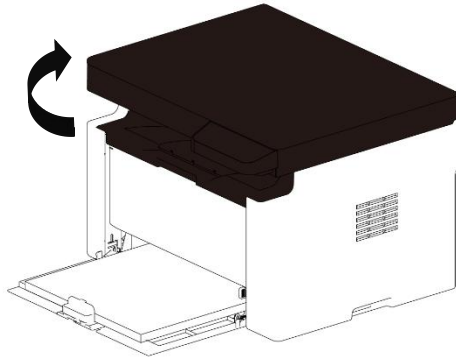
The content of this chapter solves your daily maintenance problems during use and helps to extend the service life of the all-in-one machine.

If you need to replace parts for product maintenance or repair, if there are unwanted circuit boards and electronic parts, or if you dispose of the product, please dispose of it as electronic waste.

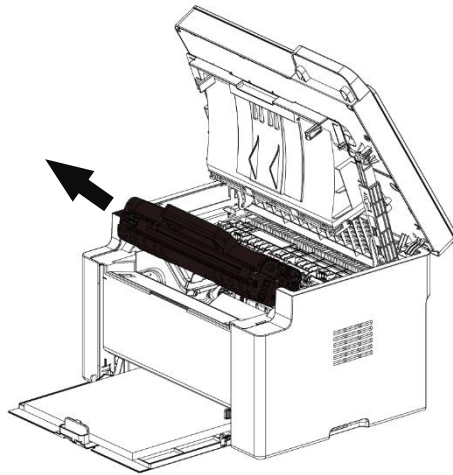
This product will be supplied with corresponding consumables and spare parts that may be damaged within the scope of normal use for at least 5 years after the discontinuation.

10.1 Replace the toner cartridge

1. Make sure the power of the device is turned on.
2. Open the upper cover and scanning unit.

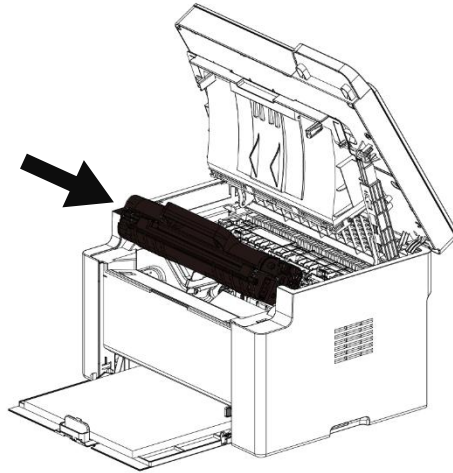


3. Remove the drum unit from the device.



4. Unpack the new toner cartridge.

5. Load the new toner cartridge into the whole machine.



6. Close the lid and scanning unit.

10.2 Cleaning the Appliance

Use a soft, lint-free, dry cloth to clean the exterior and interior of the device regularly.

When you replace the toner cartridge, make sure to clean the inside of the device. If the printed page is smudged with toner, use a soft, lint-free, dry cloth to clean the inside of the device.



warn

It is forbidden to use flammable materials, aerosols of any kind, or organic solvents/liquids containing alcohol or ammonia

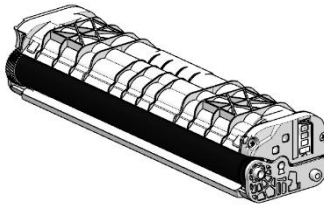
to clean the inside or outside of this product, as failure to do so may result in fire. Use a soft, lint-free, dry cloth to clean the device.



! Note:

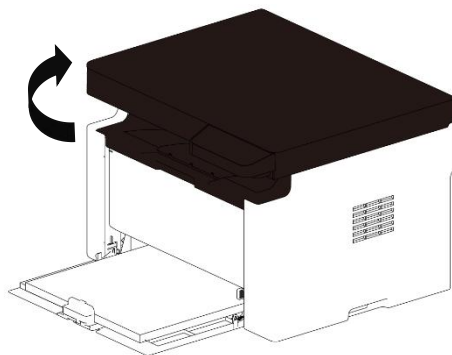
Do not use isopropyl alcohol to wipe dust on the operating panel, as this may crack the panel.

To avoid print quality issues, never touch the shaded areas shown in the image below.

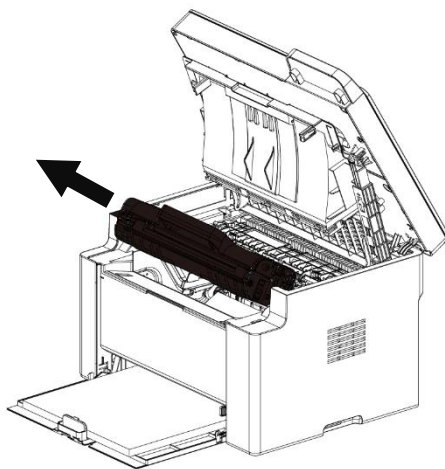


10.2.1 Clean the drum unit

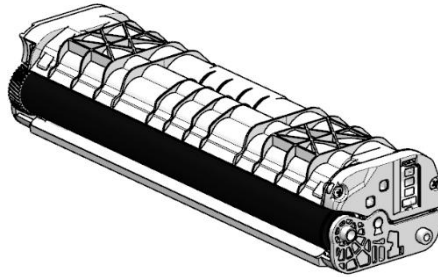
1. Turn off the power of the device.
2. Open the upper cover.



3. Remove the drum unit from the device.



4. Flip the toner cartridge to the other side as shown in the figure below. Make sure the drum unit's gear is on the left.

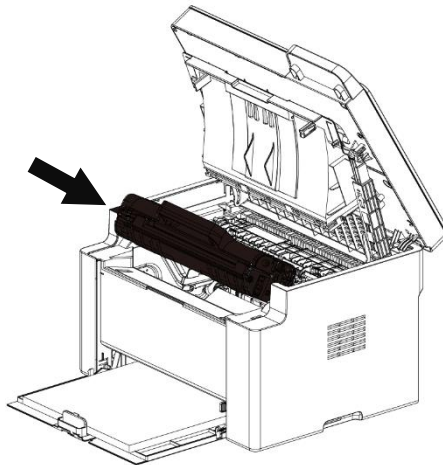


5. Please gently wipe the surface of the toner cartridge with a dry cotton swab until the imprint is completely removed.



Never clean the surface of the toner cartridge with sharp objects or any liquids.

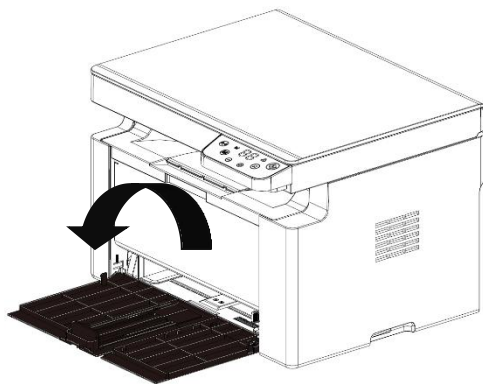
6. Replace the drum unit with the device.



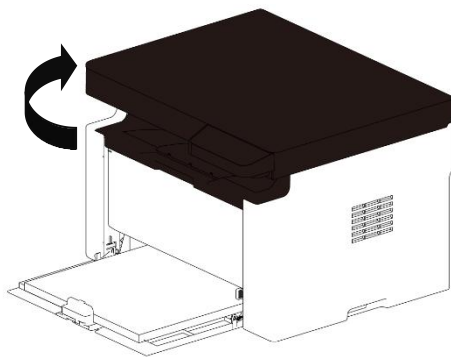
9. Close the lid and the scanning unit.

10.2.2 Clean the paper roller

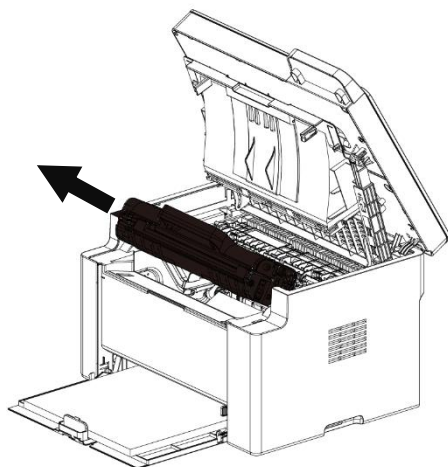
1. Turn off the power of the device.
2. Open the front cover.



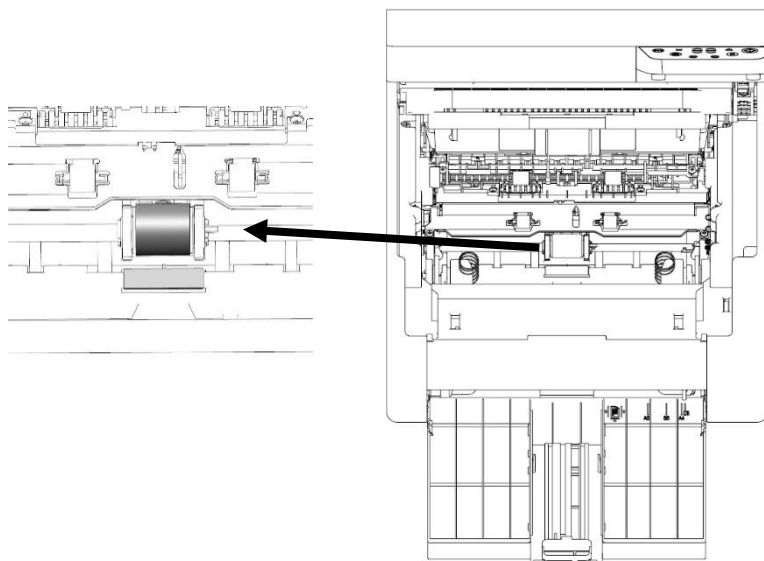
3. Open the upper cover and scanning unit. If there is paper in the tray or if something is stuck inside, remove it.



4. Take out the toner cartridge.



5. Wring out the lint-free cloth soaked in warm water, and wipe off the paper scraps on the paper roller inside the equipment and



the dust on the paper separation pad.

6. Reload the toner cartridge and close the lid and scanning unit.

7. Turn on the power of the device.