



L850 User's Guide

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L850 User's Guide

Welcome to the *L850 User's Guide*.

For a printable PDF copy of this guide, [click here](#).

Product Basics

See these sections to learn about the basic features of your product.

[Using the Control Panel](#)

[Product Parts Locations](#)

[The Power Off and Sleep Timers](#)

Using the Control Panel

See these sections to learn about the control panel and select control panel settings.

[Control Panel Buttons and Lights](#)

[Using the LCD Screen](#)

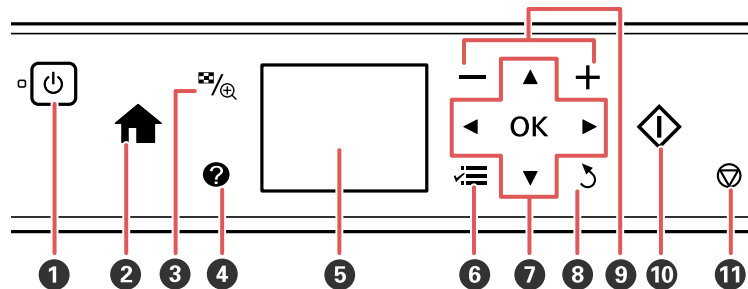
[Adjusting Control Panel Position](#)

[Changing LCD Screen Language](#)





[Turning Off Control Panel Sounds](#)

Parent topic: [Product Basics](#)

Control Panel Buttons and Lights



- 1 The power button and power light
- 2 The home button
- 3 The display/crop button
- 4 The help button


- 5 The LCD screen
- 6 The  menu button
- 7 The arrow buttons and the **OK** button; navigate menus
- 8 The  back button
- 9 The **+** and **-** buttons; increase or decrease the number of copies
- 10 The  start button
- 11 The  stop button; stops copying, printing, or scanning, or resets settings

Parent topic: [Using the Control Panel](#)

Using the LCD Screen



- 1 Displays available button options
- 2 Screen name
- 3 You can scroll up and down when these arrows are displayed

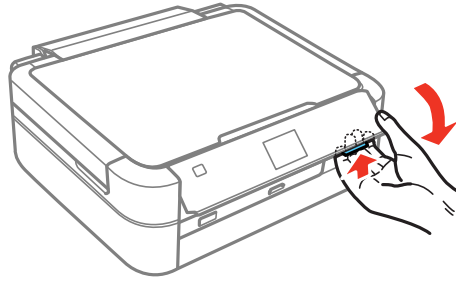
To view a list of the icons and a description of their use, press the  help button and select **How To > Icon List**.

Parent topic: [Using the Control Panel](#)

Adjusting Control Panel Position

You can adjust the position of the control panel to make it easier to use.

- To raise the control panel, lift it up from the bottom.
- To lower the control panel, press the release button and gently push the panel down.



Caution: Do not lower the control panel without first pressing the release button or you may damage your product.

Parent topic: [Using the Control Panel](#)

Changing LCD Screen Language

You can change the language used on the LCD screen.

1. Press the **Home** button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.
4. Select **Language** and press the **OK** button.
5. Select a language and press the **OK** button.
6. Press the **Home** button to exit.

Parent topic: [Using the Control Panel](#)

Turning Off Control Panel Sounds

You can turn off the sound heard when you press buttons on the control panel.

1. Press the **Home** button, if necessary.

2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.
4. Select **Sound** and press the **OK** button.
5. Select **Button Press** and press the **OK** button.
6. Select **Off** and press the **OK** button.
7. Press the **⬆** home button to exit.

Parent topic: [Using the Control Panel](#)

Product Parts Locations

See these sections to identify the parts on your product.

[Product Parts - Top](#)

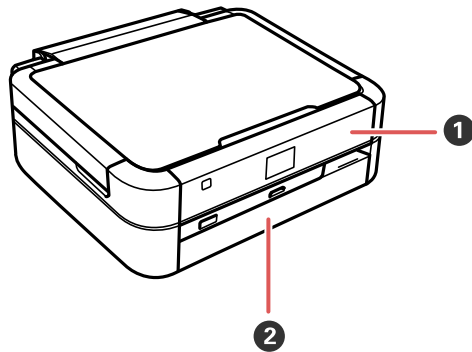
[Product Parts - Front](#)

[Product Parts - Inside](#)

[Product Parts - Back](#)

Parent topic: [Product Basics](#)

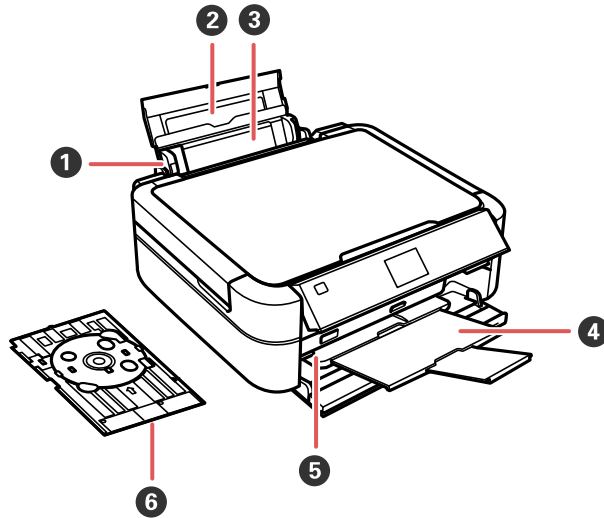
Product Parts - Top



- 1 Control panel
- 2 Front cover

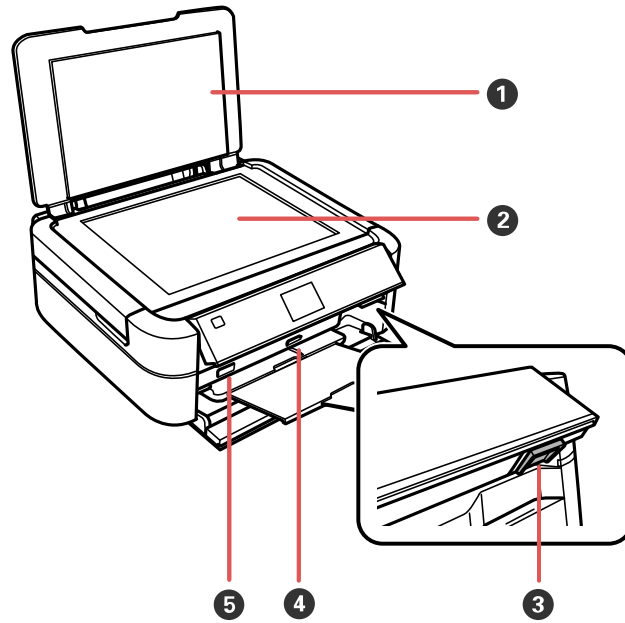
Parent topic: [Product Parts Locations](#)


Product Parts - Front



- 1 Edge guide
- 2 Paper support
- 3 Rear paper feed slot
- 4 Output tray
- 5 Tray lever

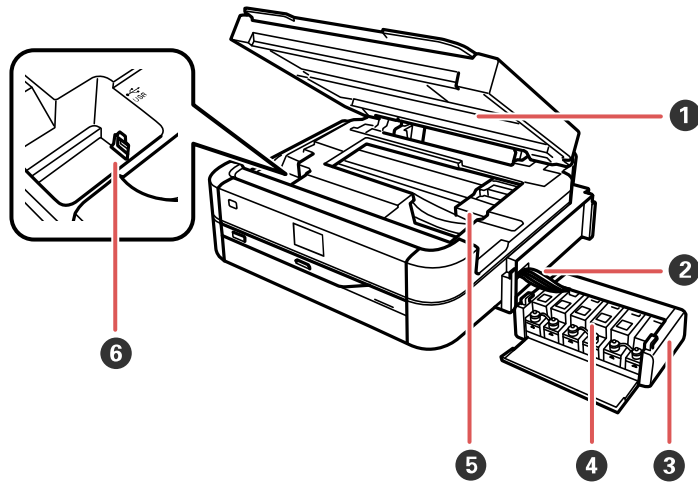
6 CD/DVD tray



- 1 Document cover
- 2 Scanner glass
- 3 Release button
- 4 Memory card slot
- 5  USB Type A port for external devices

Parent topic: [Product Parts Locations](#)

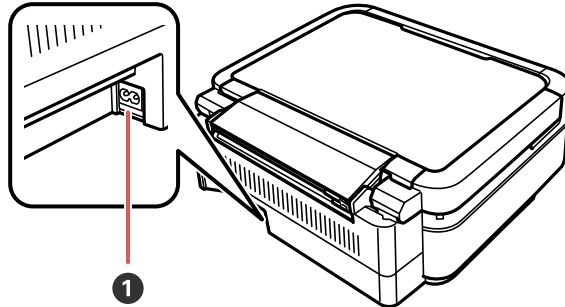
Product Parts - Inside



- 1 Scanner cover
- 2 Ink tubes
- 3 Ink tank unit
- 4 Ink tanks
- 5 Print head
- 6 **USB** port

Parent topic: [Product Parts Locations](#)

Product Parts - Back



- 1 AC inlet

Parent topic: [Product Parts Locations](#)

The Power Off and Sleep Timers

The product enters sleep mode or turns off automatically if it is not used for a period of time. You can adjust the time period before power management begins, but increasing the time reduces the product's energy efficiency.

[Changing the Power Off Timer Setting from the Control Panel](#)

[Changing the Sleep Timer Setting from the Control Panel](#)


[Changing the Power Off and Sleep Timer Settings - Windows](#)

[Changing the Power Off and Sleep Timer Settings - Mac](#)

Parent topic: [Product Basics](#)

Changing the Power Off Timer Setting from the Control Panel

You can use the product's control panel to change the time period before the printer turns off automatically.

1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.


You see this screen:



4. Select **Power Off Timer** and press the **OK** button.

You see this screen:




5. Select the time period you want before the product automatically turns off when it is not in use and press the **OK** button.
6. Press the  home button to exit.

Parent topic: [The Power Off and Sleep Timers](#)

Changing the Sleep Timer Setting from the Control Panel

You can use the product's control panel to change the time period before the product enters sleep mode.

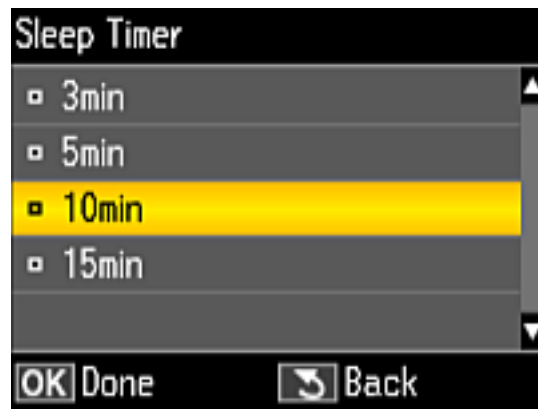
1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.


You see this screen:



4. Select **Sleep Timer** and press the **OK** button.

You see this screen:





5. Select the time period you want before the product goes to sleep and press the **OK** button.
6. Press the  home button to exit.

Parent topic: [The Power Off and Sleep Timers](#)

Changing the Power Off and Sleep Timer Settings - Windows

You can use the printer software to change the time period before the product enters sleep mode or turns off automatically.

1. Make sure your product is turned on.
2. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
3. Select **Printer Settings**.
4. Click the **Maintenance** tab.
5. Click the **Printer and Option Information** button.

You see this screen:

Printer and Option Information

Power Off Timer
Current Printer Setting : Off
Off Send

Sleep Timer
Current Printer Setting : 10 minutes
10 minutes Send

Printer ID
ID 0 Settings Sheet...

Option information has already been stored. Therefore, you do not need to enter any information.

Number of Sheets of Paper Fed into the Printer
The number of sheets is displayed when EPSON Status Monitor 3 is enabled.
Number of Sheets 5

OK Cancel Help

6. Select the length of time after which you want the product to automatically turn off when it is not in use as the **Power Off Timer** setting.
7. Click **Send**.
8. Select the time period you want before the product goes to sleep as the **Sleep Timer** setting.
9. Click **Send**.

10. Click **OK** to close the open program windows.

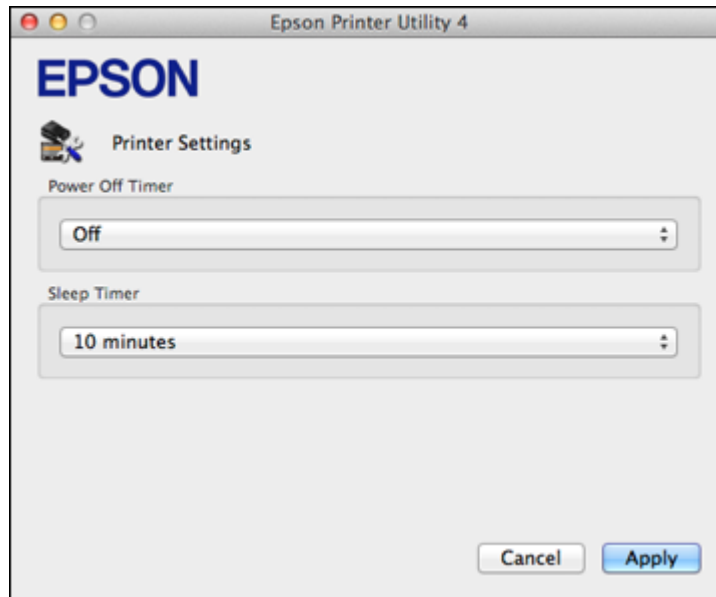
Parent topic: [The Power Off and Sleep Timers](#)

Changing the Power Off and Sleep Timer Settings - Mac

You can use the printer software to change the time period before the product enters sleep mode or turns off automatically.

1. Make sure your product is turned on.
2. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
3. Select **Printer Settings**.

You see this window:



4. Select the length of time after which you want the product to automatically turn off when it is not in use as the **Power Off Timer** setting.
5. Select the time period you want before the product goes to sleep as the **Sleep Timer** setting.

6. Click **Apply**.
7. Close the Printer Settings window.

Parent topic: [The Power Off and Sleep Timers](#)

Loading Paper

Before you print, load paper for the type of printing you will do.

[Loading Paper in the Printer](#)

[Paper Loading Capacity](#)

[Compatible Epson Papers](#)

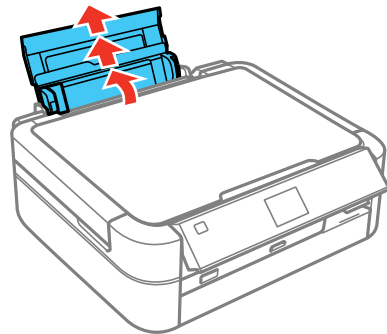
[Borderless Paper Type Compatibility](#)

[Paper or Media Type Settings](#)

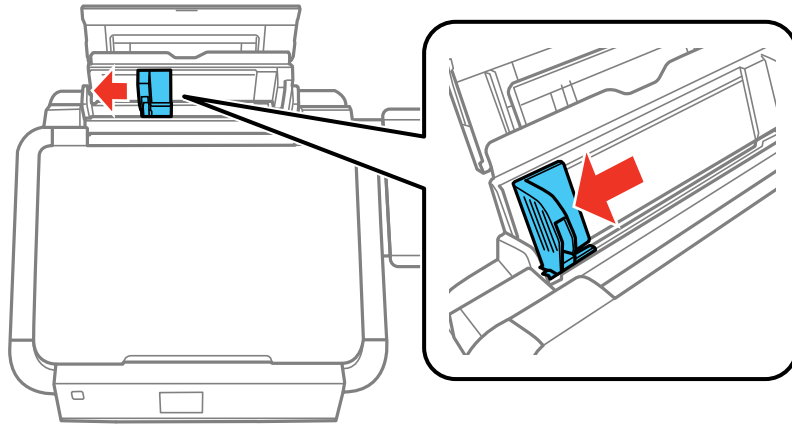
Loading Paper in the Printer

You can print on a variety of paper types and sizes.

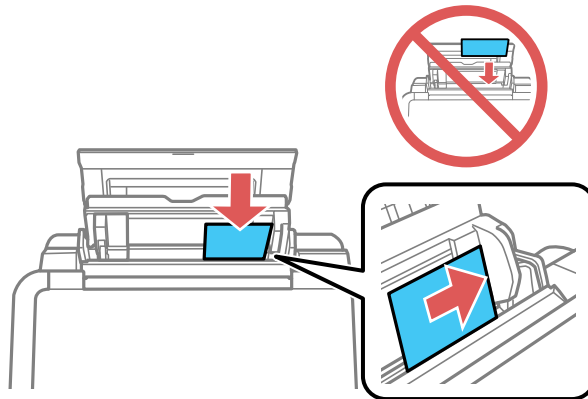
1. Open the rear paper feed slot and extend the paper support.



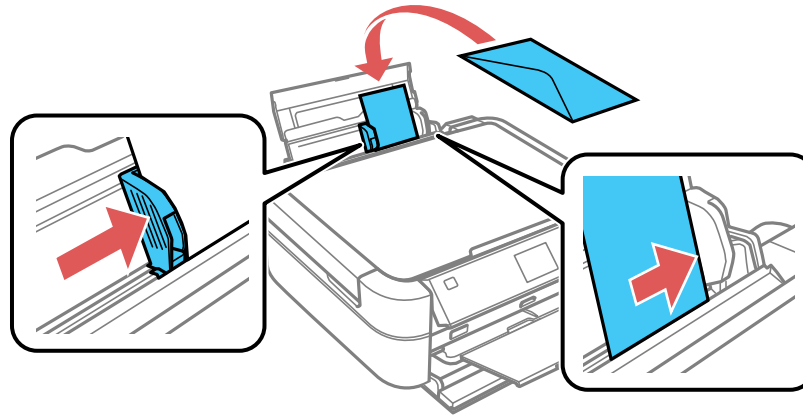
2. Slide the edge guide left.



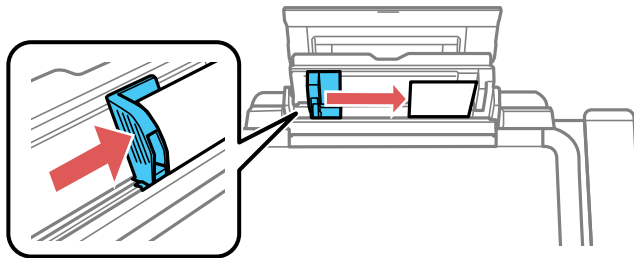
3. Insert paper, glossy or printable side up and short edge first, against the right side and behind the tab. If you are inserting a stack of paper, fan the sheets first and tap the stack on a flat surface to even the edges.



Note: To load envelopes, insert up to 10 envelopes against the right side and behind the tab, printable side up, and flap edge left.



4. Slide the edge guide against the paper, but not too tightly.



Caution: Do not move the tray lever while the product is printing.

Always follow these paper loading guidelines:

- Load only the recommended number of sheets.
- Load paper short edge first and printable side up.
- Load letterhead or pre-printed paper top edge first.
- Do not load paper above the arrow mark inside the edge guide.

- If you have trouble loading a stack of envelopes, press each envelope flat before loading it or load one envelope at a time.
- Do not load binder paper with holes in it.
- Check the paper package for any additional loading instructions.

Parent topic: [Loading Paper](#)

Related references

[Paper Loading Capacity](#)

Paper Loading Capacity

Paper type	Load up to this many sheets
Plain paper* Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm])	Approximately 100 sheets For manual two-sided printing, load up to 30 sheets.
Plain paper* Legal (8.5 × 14 inches [216 × 356 mm]) or user-defined	1 sheet
Epson Bright White Paper	80 sheets For manual two-sided printing, load up to 30 sheets.
Epson Presentation Paper Matte Epson High Quality Ink Jet Paper	100 sheets
Epson Photo Paper Glossy Epson Premium Photo Paper Glossy Epson Ultra Premium Photo Paper Glossy Epson Premium Photo Paper Semi-gloss Epson Premium Presentation Paper Matte Epson Ultra Premium Photo Paper Luster	20 sheets

Paper type	Load up to this many sheets
Epson Premium Presentation Paper Matte Double-sided	1 sheet
Epson Photo Quality Self-adhesive Sheets	
Epson Iron-on Cool Peel Transfer paper	
Envelopes	10

* Based on 20 lb (75 g/m²) paper weight. Do not load paper above the arrow mark inside the edge guide.

Parent topic: [Loading Paper](#)

Compatible Epson Papers

You can purchase genuine Epson ink and paper from an Epson authorized reseller. To find the nearest reseller, visit epson.com.jm or call your nearest Epson sales office.

Note: Paper/media availability varies by country.

Paper Type	Size	Part number	Sheet count
Epson Bright White Paper	Letter (8.5 × 11 inches [216 × 279 mm])	S041586	500
Epson High Quality Ink Jet Paper	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041117	100
	Letter (8.5 × 11 inches [216 × 279 mm])	S041111	100
Epson Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S041809	50
		S042038	100
	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041140-ML	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S041141	20
S041649		50	
		S041271	100

Paper Type	Size	Part number	Sheet count
Epson Premium Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S041808	40
		S041727	100
	5 × 7 inches (127 × 178 mm)	S041464	20
	8 × 10 inches (203 × 254 mm)	S041465	20
Epson Ultra Premium Photo Paper Glossy	Letter (8.5 × 11 inches [216 × 279 mm])	S042183	25
		S041667	50
	4 × 6 inches (102 × 152 mm)	S042181	60
		S042174	100
Epson Ultra Premium Photo Paper Glossy	5 × 7 inches (127 × 178 mm)	S041945	20
	8 × 10 inches (203 × 254 mm)	S041946	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S042182	25
	S042175	50	
Epson Ultra Premium Photo Paper Luster	Letter (8.5 × 11 inches [216 × 279 mm])	S041405	50
Epson Premium Photo Paper Semi-gloss	4 × 6 inches (102 × 152 mm)	S041982	40
	Letter (8.5 × 11 inches [216 × 279 mm])	S041331	20
Epson Presentation Paper Matte	Letter (8.5 × 11 inches [216 × 279 mm])	S041062	100
	Legal (8.5 × 14 inches [216 × 356 mm])	S041067	100
Epson Premium Presentation Paper Matte	8 × 10 inches (203 × 254 mm)	S041467	50
	Letter (8.5 × 11 inches [216 × 279 mm])	S041257	50
		S042180	100
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 inches [216 × 279 mm])	S041568	50
Epson Photo Quality Self-adhesive Sheets	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041106	10

Paper Type	Size	Part number	Sheet count
Epson Iron-on Cool Peel Transfer paper	Letter (8.5 × 11 inches [216 × 279 mm])	S041153	10

Parent topic: [Loading Paper](#)

Borderless Paper Type Compatibility

You can print borderless photos on compatible paper types in compatible sizes:

Borderless Paper Types

- Epson Photo Paper Glossy
- Epson Premium Photo Paper Glossy
- Epson Ultra Premium Photo Paper Glossy
- Epson Premium Photo Paper Semi-gloss
- Epson Ultra Premium Photo Paper Luster
- Epson Premium Presentation Paper Matte

Borderless Paper Sizes

- 3.5 × 5 inches (89 × 127 mm)
- 4 × 6 inches (102 × 152 mm)
- 5 × 7 inches (127 × 178 mm)
- 8 × 10 inches (203 × 254 mm)
- 16:9 wide (4 × 7.1 inches [102 × 181 mm])
- Letter (8.5 × 11 inches [216 × 279 mm])
- A4 (8.3 × 11.7 inches [210 × 297 mm])

Parent topic: [Loading Paper](#)

Paper or Media Type Settings

For this paper	Select this paper Type or Media Type setting
Plain paper Epson Bright White Paper Epson Photo Quality Self-adhesive Sheets Epson Iron-on Cool Peel Transfer paper	Plain Paper/Bright White Paper
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Presentation Paper Matte Epson High Quality Ink Jet Paper	Presentation Paper Matte
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss
Epson Ultra Premium Photo Paper Luster	Ultra Premium Photo Paper Luster
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided	Premium Presentation Paper Matte
Envelopes	Envelope

Note: The settings listed here are available only when printing from your computer; they do not apply to your product's control panel settings.

Parent topic: [Loading Paper](#)

Placing Originals on the Product

Follow the instructions here to place your original documents or photos on the product.

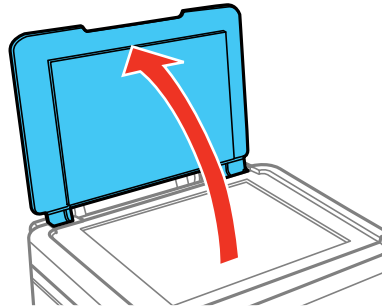
Caution: Do not place anything on top of your product or use its cover as a writing surface to avoid damaging it.

[Placing Originals on the Scanner Glass](#)

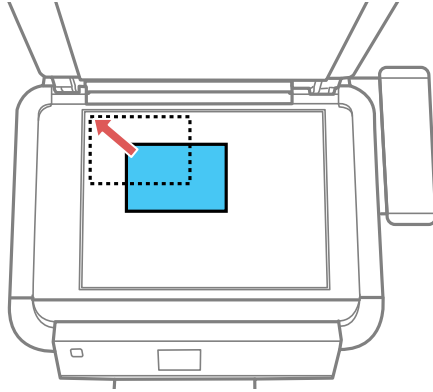
Placing Originals on the Scanner Glass

You can place originals up to this size on the scanner glass: Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]).

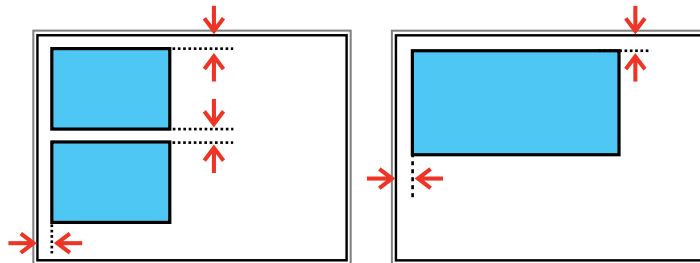
1. Open the document cover.



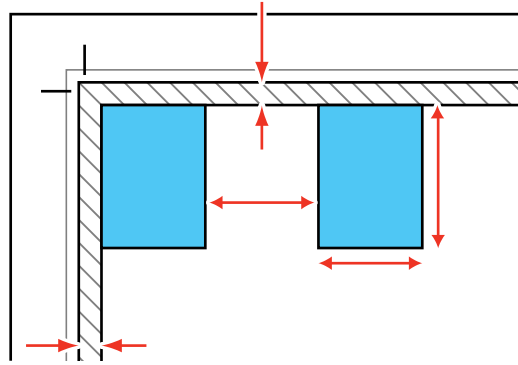
2. Place your original facedown on the scanner glass with the top facing as shown. Slide the original to the edges of the indicated corner.



3. To place multiple originals, do one of the following:
 - Place photos 0.2 inch (5 mm) from the edges of the scanner glass. Depending on the size of the photos, you can place up to two photos of the same or different size on the scanner glass. Just make sure they are at least 0.2 inch (5 mm) away from each other.



- If you are scanning using Epson Scan Full Auto Mode or thumbnail preview, place up to two photos 0.18 inch (4.5 mm) from the edges of the scanner glass and 0.79 inch (20 mm) away from each other. (Your photos must be at least 0.6 inch x 0.6 inch (15 × 15 mm) or larger.)



4. Close the document cover gently to keep your original in place.

Parent topic: [Placing Originals on the Product](#)

Related topics

[Copying](#)

[Scanning](#)

Copying

See the information here to copy documents or photos using your product.

Note: Copies may not be exactly the same size as your originals.

[Copying Documents or Photos](#)

[Copying and Restoring Photos](#)

Copying Documents or Photos

You can copy documents or photos onto various sizes and types of paper, including Epson special papers.



1. Place your original document or photo on the scanner glass.
2. Load the paper you want to print on.


Note: Load only the recommended number of sheets.

3. Press the arrow buttons to select **Copy** and press the **OK** button.



4. To print more than one copy, press the + or – button to select the number (up to 99).
5. Press the up or down arrow buttons to select **Color** or **B&W**.

6. If you need to adjust the darkness of your copy, press the left or right arrow buttons to change the **Density** setting.
7. Press the  menu button, select **Paper and Copy Settings**, and then press the **OK** button to view and change additional copy settings, if necessary.
8. When you are ready to copy, press the  start button.

Note: To cancel printing, press the  stop button.

[Paper Type Settings - Copying](#)

[Paper Size Settings - Copying](#)

[Copying Options](#)

Parent topic: [Copying](#)

Related references

[Paper Loading Capacity](#)

[Compatible Epson Papers](#)

Related tasks

[Loading Paper in the Printer](#)

[Placing Originals on the Scanner Glass](#)

Paper Type Settings - Copying

Select a **Paper Type** setting that matches the paper you loaded.

Paper type loaded	Paper Type setting
Plain paper Epson Bright White Paper Epson Iron-on Cool Peel Transfer paper	Plain Paper
Epson Presentation Paper Matte Epson High Quality Ink Jet Paper Epson Premium Presentation Paper Matte	Matte
Epson Premium Photo Paper Glossy	Prem. Glossy
Epson Ultra Premium Photo Paper Glossy	Ultra Glossy

Paper type loaded	Paper Type setting
Epson Photo Paper Glossy	Glossy

Parent topic: [Copying Documents or Photos](#)

Paper Size Settings - Copying

Select the **Paper Size** setting that matches the paper you loaded.

Note: You can copy photos only on these paper sizes.

- 4 × 6 inches (102 × 152 mm)
- 5 × 7 inches (127 × 178 mm)
- 8 × 10 inches (203 × 254 mm)
- Letter (8.5 × 11 inches [216 × 279 mm])
- A4 (8.3 × 11.7 inches [210 × 297 mm])

Parent topic: [Copying Documents or Photos](#)

Copying Options

Select the copying options you want to use for your copies.

Note: Not all options or settings may be available, depending on other copying settings.



Copying option	Available settings	Description
Layout	With Border	Leaves a small margin around the image
	Borderless	Expands the image to the edge of the paper (slight cropping may occur)
	2-up Copy	Copies 2 originals onto a single sheet

Copying option	Available settings	Description
Reduce/Enlarge	Custom Size	Automatically sizes the image by the percentage you select
	Actual Size	Copies at 100% size
	Auto Fit Page	Automatically sizes the image to fit the selected paper size setting
	Letter->4x6in and other conversions	Automatically converts from one size to another
Paper Size	Various sizes	Selects the paper size for the copy printout
Paper Type	Plain Paper	Adjusts printer settings for the selected paper type
	Matte	
	Prem. Glossy	
	Ultra Glossy	
	Glossy	
Document Type	Text	Copies a text document
	Text & Image	Copies a document that includes text and images
	Photo	Copies a photograph
Quality	Draft	Provides lower quality for draft copies (plain paper only)
	Standard Quality	Provides good quality for most copies
	Best	Provides the highest quality for special copies
Expansion	Standard	Adjusts the amount of expansion for printing borderless photos
	Medium	
	Minimum	

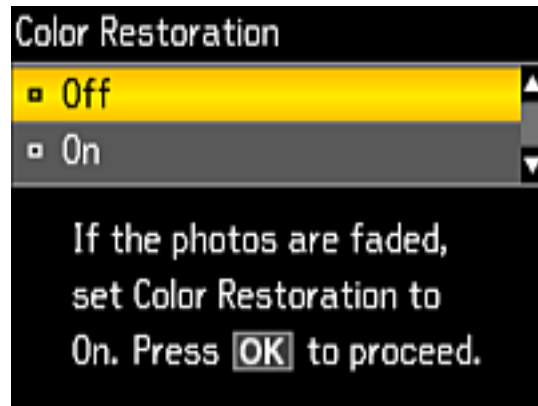
Parent topic: [Copying Documents or Photos](#)

Copying and Restoring Photos

You can restore the colors in faded photos as you copy them.

1. Load photo paper in the product.
2. Press the  home button, if necessary.
3. Press the arrow buttons to select **Copy** and press the **OK** button.
4. Press the  menu button, select **Copy/Restore Photos**, and press the **OK** button.

You see this screen:






5. Select **On** and press the **OK** button.
6. Press the **OK** button and follow the instructions on the LCD screen to place up to two original photos on the product.

The product prescans your photos.

7. Press the + or – button to select one or more copies of the photo (up to 99).



8. If you placed two originals on the scanner, press the left or right arrow button to view the second original, then press + or – button to select one or more copies of the photo (up to 99).
9. To select settings for the photos, press the  menu button, select **Paper and Copy Settings**, press the **OK** button, and select the necessary settings.
10. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

Parent topic: [Copying](#)

Related references

[Paper Type Settings - Copying](#)

[Paper Size Settings - Copying](#)

[Copying Options](#)

Related tasks

[Loading Paper in the Printer](#)

[Placing Originals on the Scanner Glass](#)

Printing from a Computer

Before printing from your computer, make sure you have set up your product and installed its software as described on the *Start Here* sheet.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website. If you see a Software Update screen, select **Enable automatic checking** and click **OK**. The update scans your system to see if you have the latest product software. Follow the on-screen instructions.

[Printing with Windows](#)

[Printing on a Mac](#)

[Cancelling Printing Using a Product Button](#)

Printing with Windows

You can print with your product using any Windows application, as described in these sections.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

[Selecting Basic Print Settings - Windows](#)

[Selecting Double-sided Printing Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting a Printing Preset - Windows](#)

[Selecting Extended Settings - Windows](#)

[Printing Your Document or Photo - Windows](#)

[Checking Print Status - Windows](#)

[Selecting Default Print Settings - Windows](#)

[Changing Automatic Update Options](#)

Parent topic: [Printing from a Computer](#)

Selecting Basic Print Settings - Windows

Select the basic settings for the document or photo you want to print.

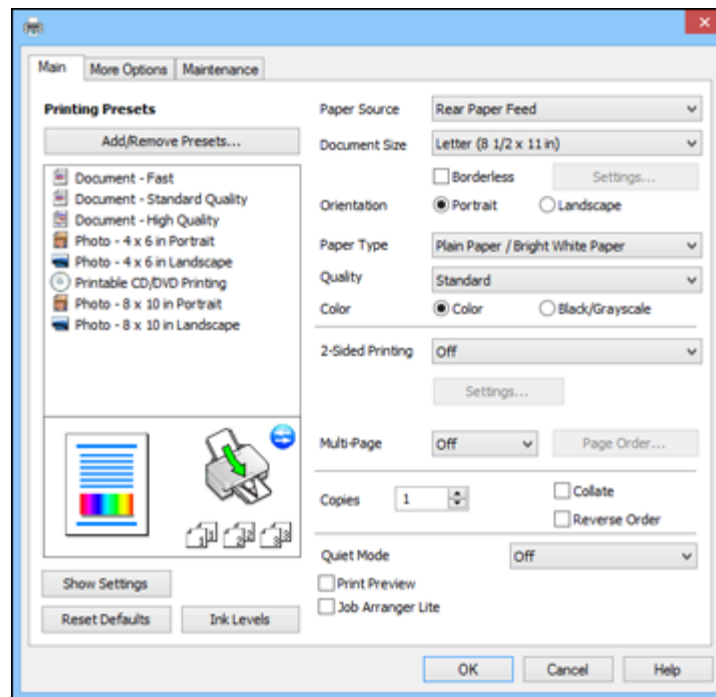
1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select your product name as the printer you want to use.

Note: You may also need to select **Properties** or **Preferences** to view your print settings.

You see the Main tab of your printer settings window:



4. For the **Paper Source** setting, select where you loaded the paper you want to print on.

5. Select the size of the paper you loaded as the **Document Size** setting.
6. If you are printing a borderless photo, select **Borderless**. You can click **Settings** to access additional options for borderless printing.

Note: You must select a compatible borderless paper type and size to print without borders. Check the borderless paper compatibility list for details.

7. Select the orientation of your document.

Note: If you are printing an envelope, select **Landscape**.

8. Select the type of paper you loaded as the **Paper Type** setting.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

9. Select the **Quality** setting that matches the print quality you want to use.
10. Select a Color option:
 - To print a color document or photo, select the **Color** setting.
 - To print text and graphics in black or shades of gray, select the **Black/Grayscale** setting.
11. To print on both sides of the paper, select a **2-Sided Printing** option.
12. To print multiple pages on one sheet of paper, or print one image on multiple sheets of paper, select one of the settings in the **Multi-Page** menu and select the printing options you want.
13. To print multiple copies and arrange their print order, select the **Copies** options.
14. To reduce noise during printing when you select **Plain Paper/Bright White Paper**, turn on **Quiet Mode** (printing will be slower).
15. To preview your job before printing, select **Print Preview**.

[Paper Source Options - Windows](#)

[Print Quality Options - Windows](#)

[Multi-Page Printing Options - Windows](#)

Parent topic: [Printing with Windows](#)

Related references

[Borderless Paper Type Compatibility](#)

[Paper or Media Type Settings](#)

Related tasks

[Selecting Double-sided Printing Settings - Windows](#)

[Printing Your Document or Photo - Windows](#)

Paper Source Options - Windows

You can select any of the available options in the Paper Source menu to print on the paper loaded in that source.

Rear Paper Feed

Selects the paper in the rear feed slot as the paper source.

CD/DVD Tray

Selects the CD or DVD loaded in the CD/DVD tray.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Print Quality Options - Windows

You can select any of the available Quality options to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type and border setting you have chosen.

Draft

For draft printing on plain paper.

Standard

For everyday text and image printing.

High

For photos and graphics with high print quality.

More Settings

Opens a window that lets you choose among levels of speed and quality.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Multi-Page Printing Options - Windows

You can select any of the available options in the Multi-Page menu to set up your multi-page print job.

2-Up and 4-Up

Prints 2 or 4 pages on one sheet of paper. Click the **Page Order** button to select page layout and border options.

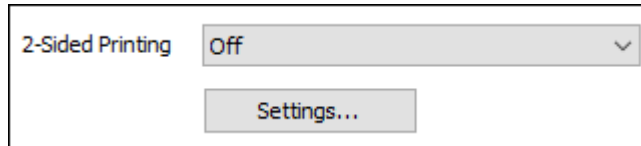
2×1 Poster, 2×2 Poster, 3×3 Poster, 4×4 Poster

Prints one image on multiple sheets of paper to create a larger poster. Click the **Settings** button to select image layout and guideline options.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Selecting Double-sided Printing Settings - Windows

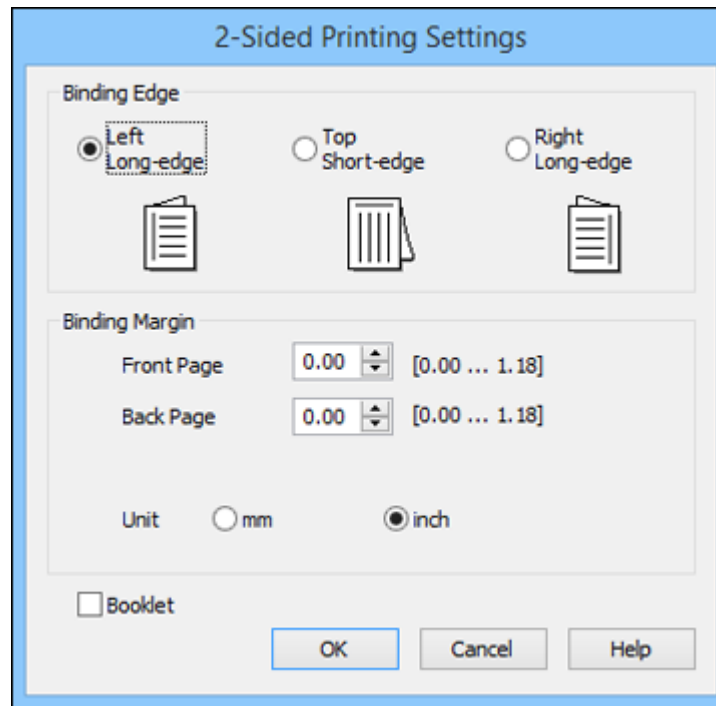
You can print on both sides of the paper by selecting one of the **2-Sided Printing** options on the Main tab.



Note: Some options may be pre-selected or unavailable, depending on other settings you have chosen.

1. Select one of the following options for **2-Sided Printing**:
 - **Manual (Long-edge binding)** to print your double-sided print job by printing one side and prompting you to flip the paper over on the long edge to print the other side.
 - **Manual (Short-edge binding)** to print your double-sided print job by printing one side and prompting you to flip the paper over on the short edge to print the other side.
2. Click the **Settings** button.

You see a window like this:



3. Select the double-sided printing options you want to use.
4. Click **OK** to return to the Main tab.
5. Print a test copy of your double-sided document to test the selected settings.
6. Follow any instructions displayed on the screen during printing.

[Double-sided Printing Options - Windows](#)

Parent topic: [Printing with Windows](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

Double-sided Printing Options - Windows

You can select any of the available options on the 2-Sided Printing Settings window to set up your double-sided print job.

Binding Edge Options

Select a setting that orients double-sided print binding in the desired direction.

Binding Margin Options

Select options that define a wider margin to allow for binding.

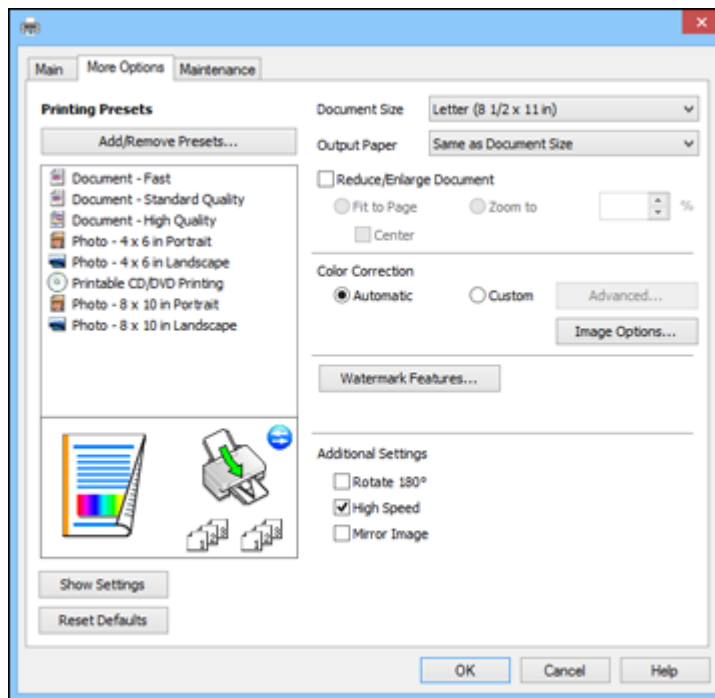
Booklet

Select the **Booklet** checkbox to print double-sided pages as a booklet.

Parent topic: [Selecting Double-sided Printing Settings - Windows](#)

Selecting Additional Layout and Print Options - Windows

You can select a variety of additional layout and printing options for your document or photo on the **More Options** tab.



1. To change the size of your printed document or photo, select the **Reduce/Enlarge Document** checkbox and select one of these sizing options:
 - Select the **Fit to Page** option to size your image to fit the paper you loaded. Select the size of your document or photo as the **Document Size** setting, and the size of your paper as the **Output Paper** setting. If you want to center your image on the paper, select the **Center** option.
 - Select the **Zoom to** option to reduce or enlarge your document or photo by a specific percentage. Select the percentage in the % menu.
2. Select one of the following Color Correction options:
 - Select **Automatic** to automatically adjust the sharpness, brightness, contrast, and color saturation for your image.
 - Select **Custom** and click the **Advanced** button to manually adjust the color correction settings or turn off color management in your printer software.
 - Select **Image Options** to access additional settings for improving printed images.
3. Select one of the following Tone Correction options:
 - Select **Automatic** to automatically adjust the brightness and contrast for your image.
 - Select **Custom** and click the **Advanced** button to manually adjust the tone correction settings or turn off color management in your printer software.
 - Select **Image Options** to access additional settings for improving printed images.
4. To add the following features, click the **Watermark Features** button:
 - **Watermark**: adds a visible watermark to your printout
 - **Header/Footer**: adds information such as the date and time to the top or bottom of your printout

Note: Click the **Settings** button to customize the text and location of the header or footer.

5. Select any of the Additional Settings options to customize your print.

[Custom Color Correction Options - Windows](#)

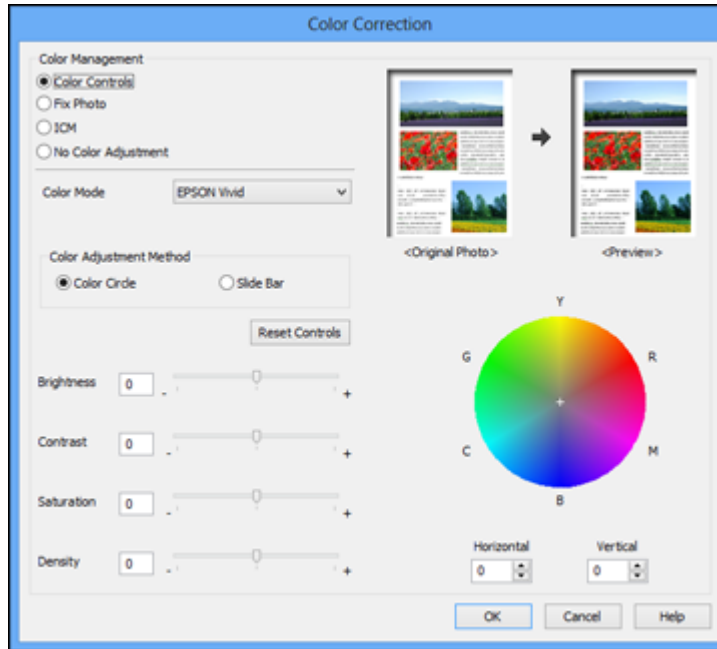
[Image Options and Additional Settings - Windows](#)

[Header/Footer Settings - Windows](#)

Parent topic: [Printing with Windows](#)

Custom Color Correction Options - Windows

You can select any of the available options in the Color Correction window to customize the image colors for your print job.



Color Controls

Lets you select a **Color Mode** setting, individual settings for **Brightness**, **Contrast**, **Saturation**, and **Density**, and individual color tones. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

Fix Photo

Improves the color, contrast, and sharpness of flawed photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

ICM

Lets you manage color using installed color printing profiles.

No Color Adjustment

Turns off color management in your printer software so you can manage color using only your application software.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

Image Options and Additional Settings - Windows

You can select any of the Image Options and Additional Settings to customize your print. Some options may be pre-selected or unavailable, depending on other settings you have chosen.

Image Options**Emphasize Text**

Adjusts the weight of printed text to increase readability.

Emphasize Thin Lines

Adjusts the weight of printed lines to increase visibility.

Edge Smoothing

Smooths jagged edges in low-resolution images such as screen captures or images from the Web.

Fix Red-Eye

Reduces or removes red-eye in photos.

Additional Settings Options**Rotate 180°**

Prints the image rotated 180° from its original orientation.

High Speed

Speeds up printing but may reduce print quality.

Mirror Image

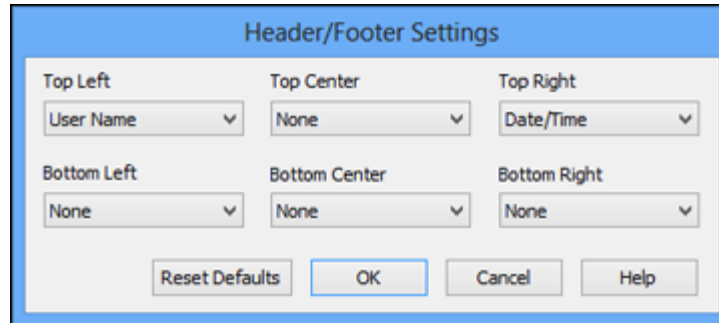
Flips the printed image left to right.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

Header/Footer Settings - Windows

You can select any of the Header/Footer Settings options to add headers or footers when you print. The items are available to print at the top or bottom of your pages, in either the left, right, or center of the page.

Note: These settings are not saved with your document.



Top Left	Top Center	Top Right
User Name	None	Date/Time
Bottom Left	Bottom Center	Bottom Right
None	None	None

Reset Defaults OK Cancel Help

You can select to print the following information:

- User Name
- Computer Name
- Date
- Date/Time
- Collate Number (copy number)

Note: The user name, computer name, date, and time come from the Windows Control Panel on your computer.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

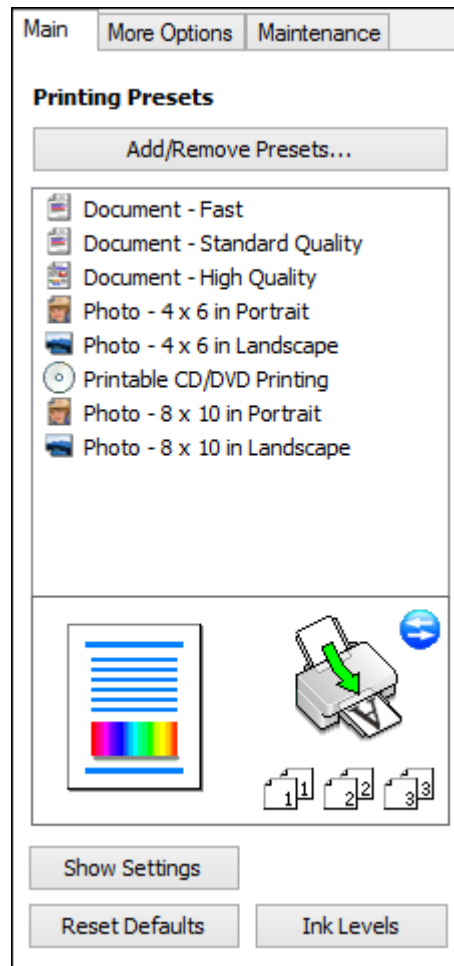
Selecting a Printing Preset - Windows

For quick access to common groups of print settings, you can select a printing preset on the **Main** or **More Options** tab.

Note: You can create your own preset by clicking the **Add/Remove Presets** button.

1. Click the **Main** or **More Options** tab.

You see the available **Printing Presets** on the left:





2. Place your cursor over one of the **Printing Presets** to view its list of settings.
3. Click on a preset to change its settings, or use any of the available options on the screen to control your printing presets.
4. To choose a preset for printing, select it.
5. Click **OK**.

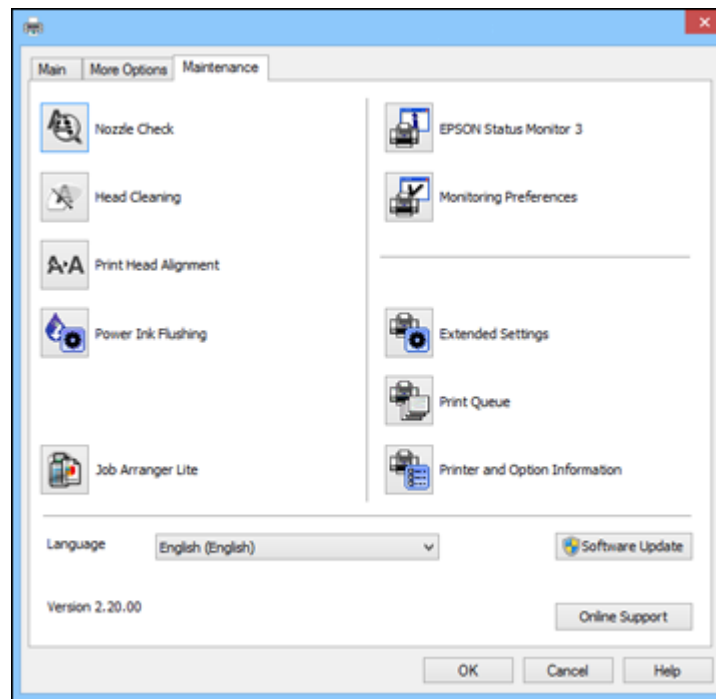
Parent topic: [Printing with Windows](#)

Selecting Extended Settings - Windows

You can select additional settings that apply to all the print jobs you send to your product.

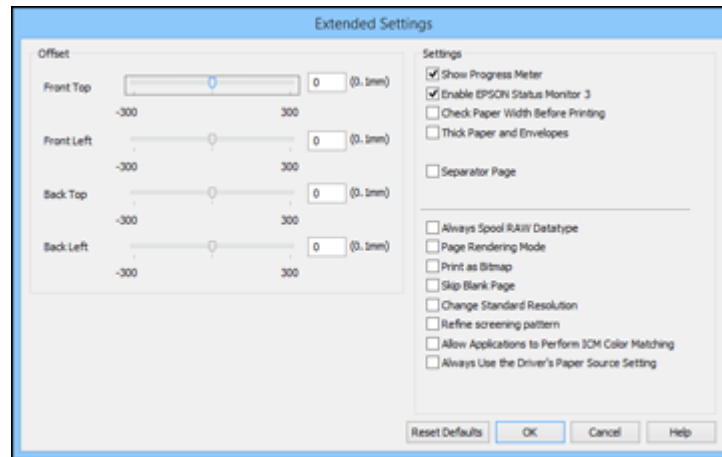
1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.

You see the maintenance options:



4. Click the **Extended Settings** button.

You see this window:



5. Select any of the extended settings to customize your print.
6. Click **OK** to close the Extended Settings window.
7. Click **OK** to close the printer software window.

[Extended Settings - Windows](#)

Parent topic: [Printing with Windows](#)

Extended Settings - Windows

You can select from these settings on the Extended Settings window.

Show Progress Meter

Displays the progress of print jobs as they are being printed.

Enable EPSON Status Monitor 3

Enables product monitoring for ink and paper supplies and other issues.

Check Paper Width Before Printing

Prevents printing beyond the edges of the paper if the paper size setting is incorrect; may reduce print speed.

Thick Paper and Envelopes

Prevents ink from smearing when you print on envelopes or other thick paper.

Separator Page

Before each document, prints a separator page containing the title, user, date, and time.

Always Spool RAW Datatype

Increases print speed and may solve other printing problems.

Page Rendering Mode

Increases print speed when printing is extremely slow or the print head stops during printing.

Print as Bitmap

Increases print speed when printing is extremely slow or the print head stops during printing, and other settings do not help.

Skip Blank Page

Ensures that your product does not print pages that contain no text or images.

Change Standard Resolution

Reduces the resolution of print data to correct printing problems.

Refine screening pattern

Prints graphics with a finer screening pattern.

Allow Applications to Perform ICM Color Matching

Allows applications to perform ICM color matching.

Always Use the Driver's Paper Source Setting

Prints using the paper source setting in the printer driver, rather than the setting in your application.

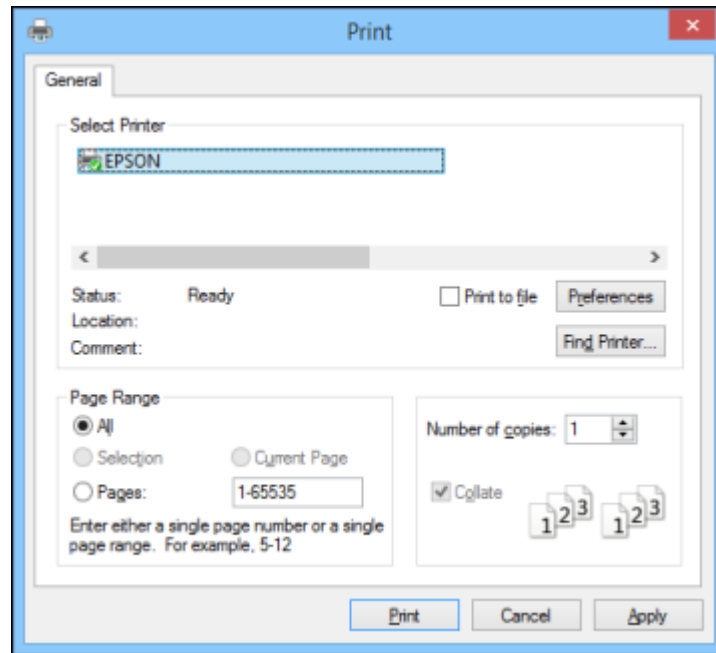
Parent topic: [Selecting Extended Settings - Windows](#)

Printing Your Document or Photo - Windows

Once you have selected your print settings, you are ready to save your settings and print.

1. Click **OK** to save your settings.

You see your application's Print window, such as this one:



2. Click **OK** or **Print** to start printing.

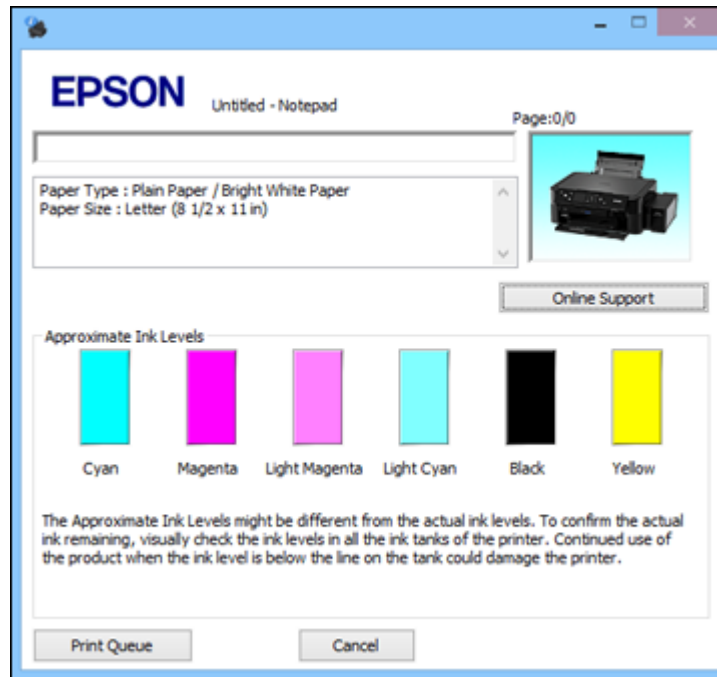
Parent topic: [Printing with Windows](#)

Related tasks

[Checking Print Status - Windows](#)

Checking Print Status - Windows

During printing, you see this window showing the progress of your print job. It allows you to control printing and check ink status.





- To cancel printing, click **Cancel**.
- To see print jobs lined up for printing, click **Print Queue**.

Parent topic: [Printing with Windows](#)

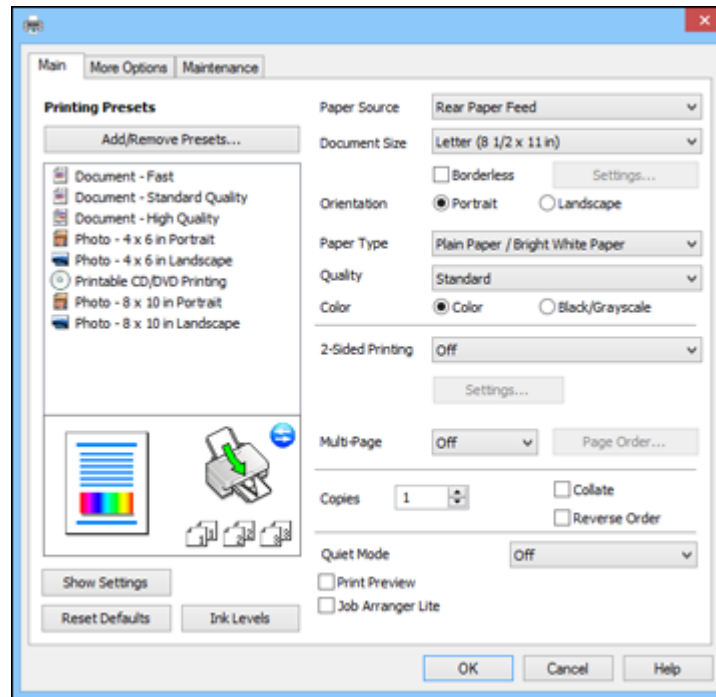
Selecting Default Print Settings - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .

2. Select **Printer Settings**.

You see the printer settings window:



3. Select the print settings you want to use as defaults in all your Windows programs.

4. Click **OK**.



These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

[Changing the Language of the Printer Software Screens](#)

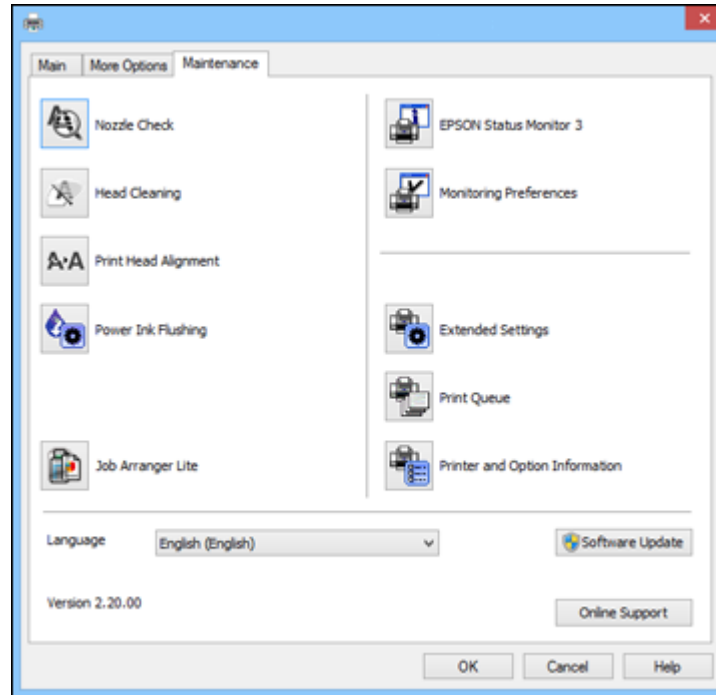
Parent topic: [Printing with Windows](#)

Changing the Language of the Printer Software Screens

You can change the language used on the Windows printer software screens.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .

2. Select **Printer Settings**.
You see the printer settings window.
3. Click the **Maintenance** tab.
You see the maintenance options:





4. Select the language you want to use as the **Language** setting.
5. Click **OK** to close the printer software window.

The printer software screens appear in the language you selected the next time you access them.

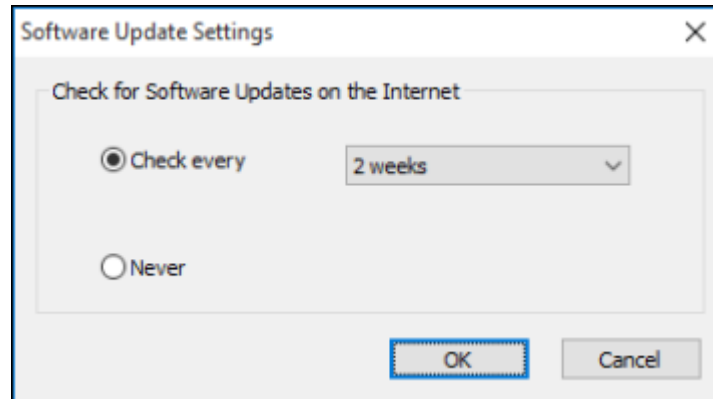
Parent topic: [Selecting Default Print Settings - Windows](#)

Changing Automatic Update Options

Your printer software for Windows automatically checks for updates to the product software. You can change how often the software checks for updates or disable this feature.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select **Software Update Settings**.

You see this window:



3. Do one of the following:
 - To change how often the software checks for updates, select a setting in the **Check every** menu.
 - To disable the automatic update feature, select the **Never** option.
4. Click **OK** to exit.

Note: If you choose to disable the automatic update feature, you can check for updates manually.

Parent topic: [Printing with Windows](#)

Related tasks

[Checking for Software Updates](#)

Printing on a Mac

You can print with your product using any Mac printing program, as described in these sections.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website.

- [Selecting Basic Print Settings - Mac](#)
 - [Selecting Page Setup Settings - Mac](#)
 - [Selecting Print Layout Options - Mac](#)
 - [Managing Color - Mac](#)
 - [Selecting Printing Preferences - Mac](#)
 - [Printing Your Document or Photo - Mac](#)
- Parent topic:** [Printing from a Computer](#)

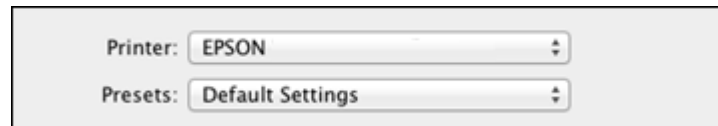
Selecting Basic Print Settings - Mac

Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

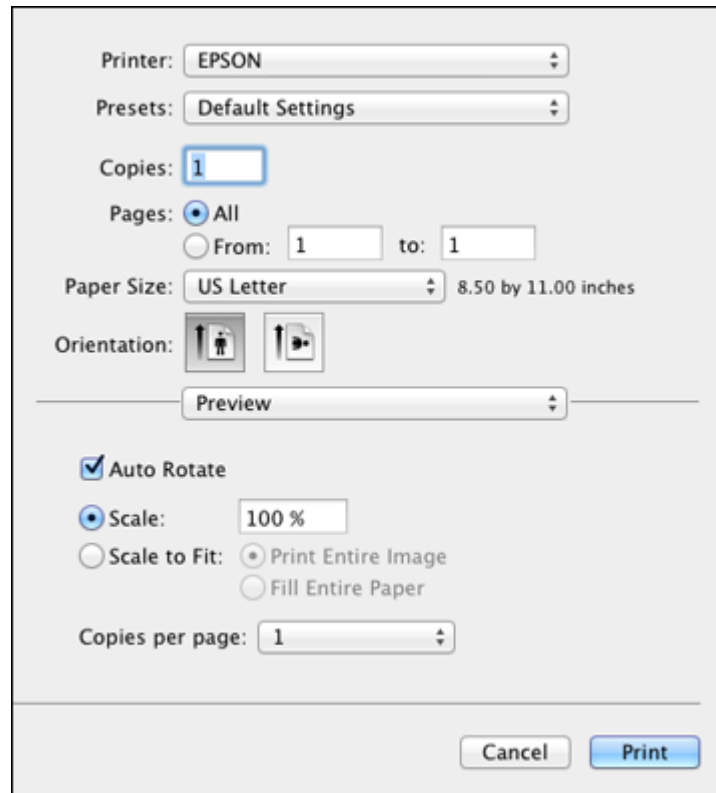
Note: You may need to select a print icon on your screen, the **Print** option in the File menu, or another command. See your application's help utility for details.

3. Select your product as the **Printer** setting.



4. If necessary, click the arrow next to the Printer setting or the **Show Details** button to expand the print window.

You see the expanded printer settings window for your product:



Note: The print window may look different, depending on your version of the Mac operating system and the application you are using.

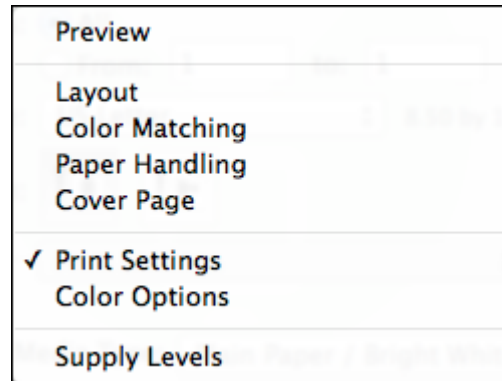
5. Select the **Copies** and **Pages** settings as necessary.

Note: If you do not see these settings in the print window, check for them in your application before printing.

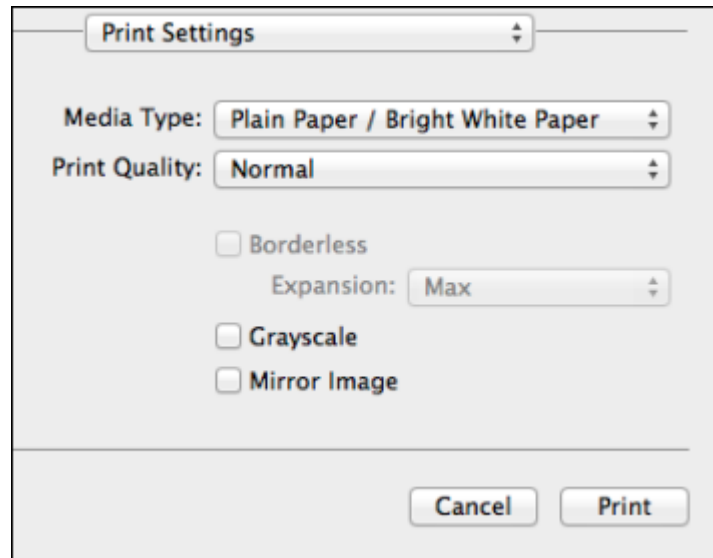
6. Select the page setup options: **Paper Size** and **Orientation**.

Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

7. Select any application-specific settings that appear on the screen, such as those shown in the image above for the Preview application.
8. Select **Print Settings** from the pop-up menu.



You see these settings:



9. Select the type of paper you loaded as the **Media Type** setting.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

10. Select the **Print Quality** setting you want to use.
11. Select any of the available print options.

[Print Quality Settings - Mac](#)

[Print Options - Mac](#)

Parent topic: [Printing on a Mac](#)

Related references

[Paper or Media Type Settings](#)

Related tasks

[Selecting Page Setup Settings - Mac](#)

[Printing Your Document or Photo - Mac](#)

Print Quality Settings - Mac

You can select any of the **Print Quality** settings to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type and border setting you have chosen.

Draft

For draft printing on photo paper.

Fast Economy

For the fastest printing with draft quality.

Economy

For fast printing with reduced quality.

Normal

For everyday text and image printing.

Fine

For text and graphics with good quality and print speed.

Quality

For photos and graphics with good quality and print speed.

Best Quality

For the best print quality, but the slowest print speed.

Parent topic: [Selecting Basic Print Settings - Mac](#)

Print Options - Mac

You can select any of the print options to customize your print. Some options may be unavailable, depending on other settings you have chosen.

Expansion

If you selected a borderless paper size setting, this option adjusts the image expansion settings to control printing at the edges of borderless prints.

Grayscale

Prints text and graphics in black or shades of gray.

Mirror Image

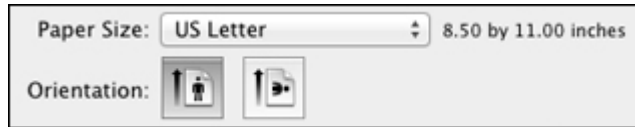
Lets you flip the printed image horizontally.

Note: If you select the **Min** option for the Expansion setting, you may see white borders on your printed photo.

Parent topic: [Selecting Basic Print Settings - Mac](#)

Selecting Page Setup Settings - Mac

Depending on your application, you may be able to select the paper size and orientation settings from the print window.




Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

1. Select the size of the paper you loaded as the **Paper Size** setting. If you are printing a borderless photo, select the **Borderless** checkbox or a paper size with a **Borderless** option. You can also select a custom setting to create a custom paper size, but the Quality setting will be limited to **Normal**.

Note: You must select a compatible borderless paper type and size to print without borders. Check the borderless paper compatibility list for details.

2. Select the orientation of your document or photo as shown in the print window.

Note: If you are printing an envelope, select the  icon.

Note: You can reduce or enlarge the size of the printed image by selecting **Paper Handling** from the pop-up menu and selecting a scaling option.

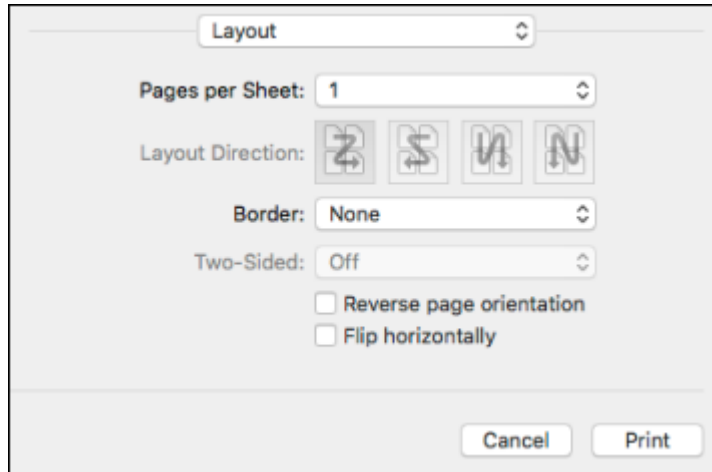
Parent topic: [Printing on a Mac](#)

Related references

[Borderless Paper Type Compatibility](#)

Selecting Print Layout Options - Mac

You can select a variety of layout options for your document or photo by selecting **Layout** from the pop-up menu on the print window.



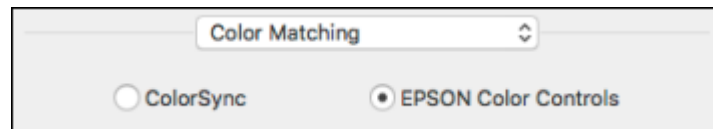
- To print multiple pages on one sheet of paper, select the number of pages in the **Pages per Sheet** pop-up menu. To arrange the print order of the pages, select a **Layout Direction** setting.
- To print borders around each page on the sheet, select a line setting from the **Border** pop-up menu.
- To invert or flip the printed image, select the **Reverse page orientation** or **Flip horizontally** settings.

Parent topic: [Printing on a Mac](#)

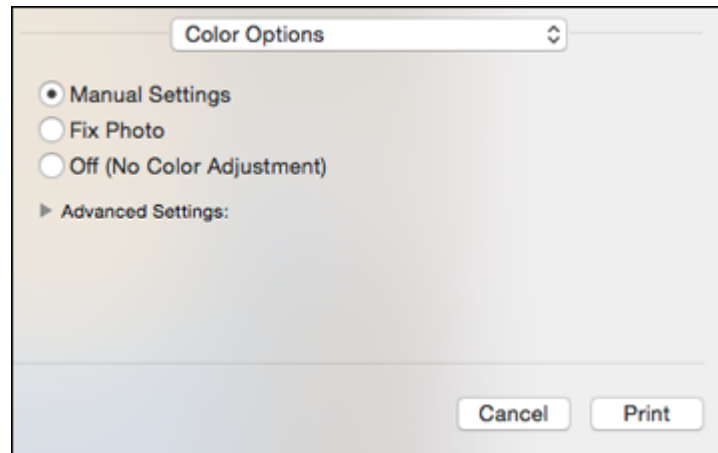
Managing Color - Mac

You can adjust the Color Matching and Color Options settings to fine-tune the colors in your printout, or turn off color management in your printer software.

1. Select **Color Matching** from the pop-up menu in the print window.



2. Select one of the available options.
3. Select **Color Options** from the pop-up menu in the print window.



Note: The available settings on the Color Options menu depend on the option you selected on the Color Matching menu.

4. Select one of the available options.
- [Color Matching and Color Options - Mac](#)

Parent topic: [Printing on a Mac](#)

Color Matching and Color Options - Mac

You can select from these settings on the **Color Matching** and **Color Options** menus.

Color Matching Settings

EPSON Color Controls

Lets you manage color using controls in your printer software or turn off color management.

ColorSync

Prints using standard color profiles for your product and paper to help match image colors. You can customize the conversion method and filter settings on the ColorSync pop-up menu in the print window.

Color Options Settings

Manual Settings

Lets you select manual color adjustments. Click the arrow next to **Advanced Settings** and select settings for **Brightness**, **Contrast**, **Saturation**, and individual color tones. You can also select a color **Mode** setting for printing photos and graphics and the **Fix Red-Eye** setting to reduce or remove red-eye in photos. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

Fix Photo

Improves the color, contrast, and sharpness of flawed photos. Click the arrow next to **Advanced Settings** and select the **Fix Red-Eye** setting to reduce or remove red-eye in photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Off (No Color Adjustment)

Turns off color management in your printer software so you can manage color using only your application software.

Note: An ICC profile is required if color management is turned off.

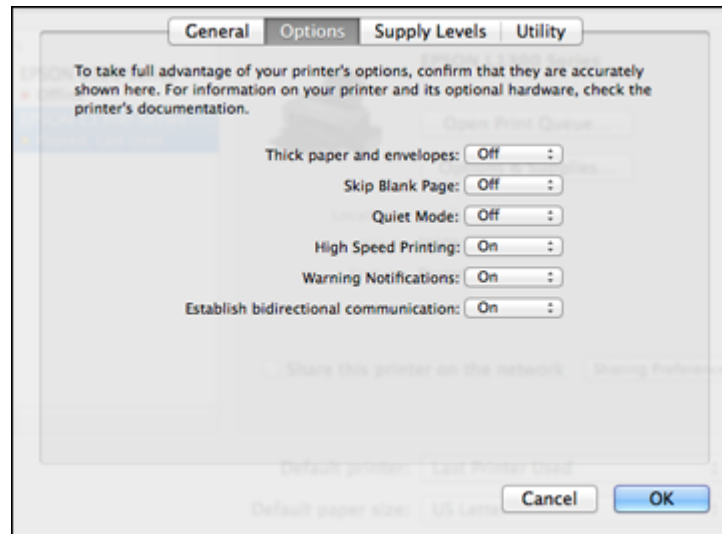
Parent topic: [Managing Color - Mac](#)

Selecting Printing Preferences - Mac

You can select printing preferences that apply to all the print jobs you send to your product.

1. In the Apple menu or the Dock, select **System Preferences**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select any of the available printing preferences.
5. Click **OK**.

[Printing Preferences - Mac](#)

Parent topic: [Printing on a Mac](#)

Printing Preferences - Mac

You can select from these settings on the **Options** or **Driver** tab.

Thick Paper and Envelopes

Prevents ink from smearing when you print on envelopes or other thick paper.

Skip Blank Page

Ensures that your product does not print pages that contain no text or images.

Quiet Mode

Lessens noise during printing when you select **Plain Paper/Bright White Paper** as the paper Type or Media Type setting.

High Speed Printing

Speeds up printing but may reduce print quality.

Warning Notifications

Lets you choose whether or not to receive warning notifications from the printer software for various operating conditions.

Establish bidirectional communication

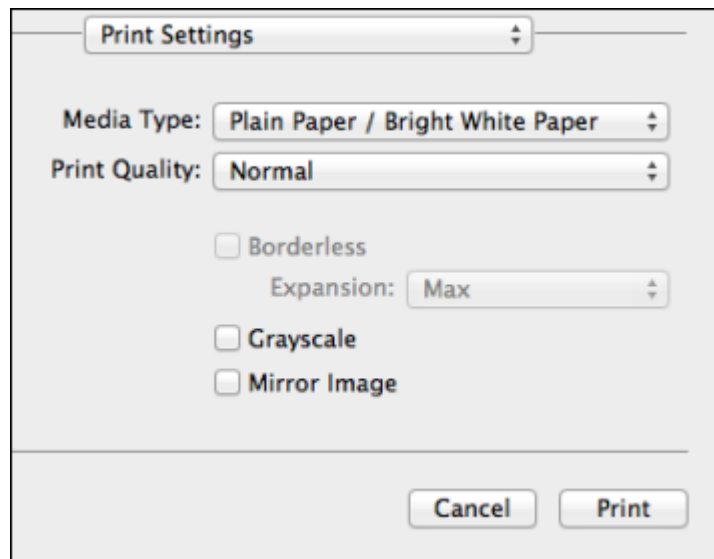
Allows the product to communicate with the computer. Do not change the default setting unless you experience issues when using a shared printing pool.

Parent topic: [Selecting Printing Preferences - Mac](#)

Printing Your Document or Photo - Mac

Once you have selected your print settings, you are ready to print.

Click **Print** at the bottom of the print window.



[Checking Print Status - Mac](#)

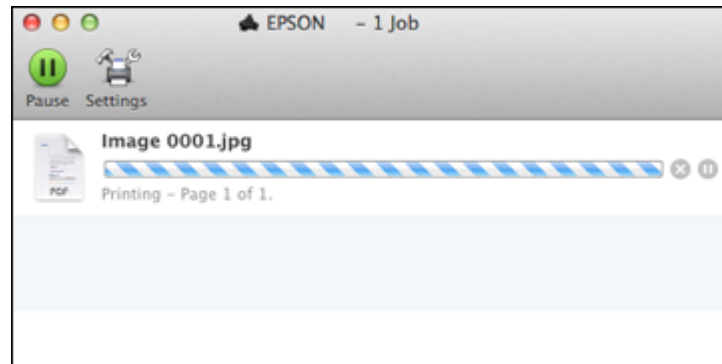
Parent topic: [Printing on a Mac](#)

Checking Print Status - Mac




During printing, you can view the progress of your print job and control printing.

1. Click the printer icon when it appears in the Dock.

You see the print status window:




2. Select the following options as necessary:

- To cancel printing, click the print job and click  or **Delete**.
- To pause a print job, click the print job and click  or **Hold**. To resume a print job, click the paused print job and click  or **Resume**.
- To pause printing for all queued print jobs, click **Pause** or **Pause Printer**.
- To check ink levels, click **Supply Levels**, or click **Settings** and click the **Supply Levels** tab.
- To display other printer information, click **Settings**.

Parent topic: [Printing Your Document or Photo - Mac](#)

Cancelling Printing Using a Product Button

If you need to cancel printing, press the  stop button on your product.

Parent topic: [Printing from a Computer](#)

Scanning

You can scan your originals and save them as digital files.

[Starting a Scan](#)

[Selecting Epson Scan Settings](#)

[Scanning on a Mac Using Image Capture](#)

[Scanning Special Projects](#)

Starting a Scan

After placing your originals on your product for scanning, start scanning using one of these methods.

[Starting a Scan Using the Product Control Panel](#)

[Starting a Scan Using the Epson Scan Icon](#)

[Starting a Scan from a Scanning Program](#)

Parent topic: [Scanning](#)

Related tasks

[Placing Originals on the Scanner Glass](#)


Starting a Scan Using the Product Control Panel

You can scan an image to your computer using your product's control panel buttons.

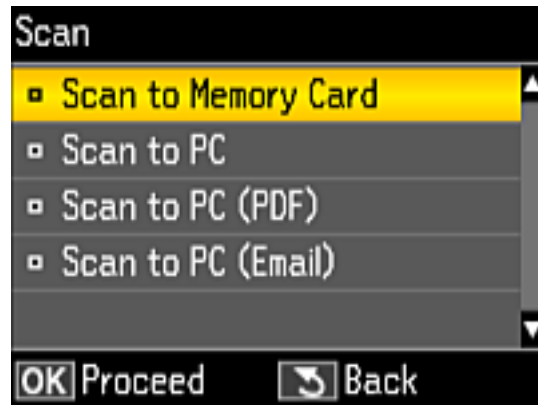
Your product automatically selects suitable default scan settings, but you can view or change them as necessary.

1. Make sure you installed the product software and connected the product to your computer.

Note: Restart your computer after installing the product software to enable scanning from the control panel. Also make sure the Event Manager program is not being blocked by your firewall or security software.

2. Press the  home button, if necessary.
3. Press the arrow buttons to select **Scan** and press the **OK** button.

You see this screen:



4. Select a scan option and press the **OK** button.
 - **Scan to Memory Card** saves your scan file on a memory card and lets you select the file format, quality, and other settings.
 - **Scan to PC** saves your scan file directly to your computer or as an image capture on a Mac.
 - **Scan to PC (PDF)** saves your scan as a PDF file to your computer or as an image capture on a Mac.
 - **Scan to PC (Email)** scans your original and attaches it to a message in your email program. You can select the email program you want to use and resize your image, if necessary, from an option screen on your computer.

Note: **Scan to PC (Email)** works with MAPI-type email such as Microsoft Outlook, Windows Live Mail, Mac Mail, and Entourage, but not web-based email such as Gmail.

5. Select any necessary scan settings.
6. Press the \diamond start button to start scanning.

[Scan to Memory Card Options](#)

[Changing Default Scan Job Settings](#)

Parent topic: [Starting a Scan](#)

Scan to Memory Card Options



Select the **Scan to Memory Card** options you want to use.

Scan to Memory Card setting	Available options	Description
Format	JPEG PDF	JPEG : for photos PDF : for documents
Scan Area	Letter A4 Auto Cropping Max Area	Selects the page size for documents or special settings for photos. Auto Cropping : for photos with dark edges Max Area : for most photos
Document	Text Photograph	Selects the type of original you are scanning
Quality	Standard Best	Selects the scan quality

Parent topic: [Starting a Scan Using the Product Control Panel](#)

Changing Default Scan Job Settings

You can view or change the default scan job settings your product uses when you scan to your computer. You do this using the Event Manager program.



- Do one of the following to open Event Manager:
 - Windows 10**: Click  and select **EPSON Software > Event Manager**.
 - Windows 8.x**: Navigate to the **Apps** screen and select **Event Manager**.
 - Windows (other versions)**: Click  or **Start > All Programs** or **Programs > EPSON Software > Event Manager**.
 - Mac**: Open the **Applications** folder, click **Epson Software**, and select **Event Manager**.
- Open the **Scanner** (Windows) or **Select Scanner** (Mac) drop-down list and select your product, if necessary.
- Click **Make Job Settings**.

4. Open the **Edit Job Settings** drop-down list and select the scan job settings you want to view or change.
5. Change the settings as necessary.
6. Click **OK**.
7. Click **Close** to close the Event Manager window.

Parent topic: [Starting a Scan Using the Product Control Panel](#)

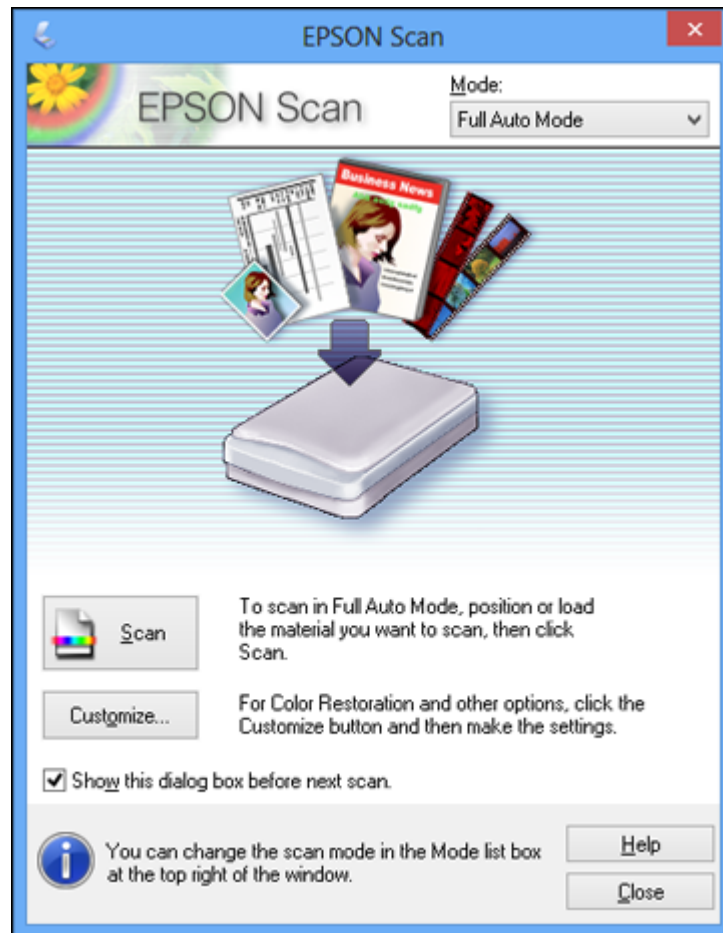
Starting a Scan Using the Epson Scan Icon

You can start the Epson Scan program to select scan settings, scan, and save the scanned image to a file.

- **Windows 10:** Click  and select **EPSON Software > EPSON Scan**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **EPSON Scan** under **EPSON** or **EPSON Software**.
- **Windows (other versions):** Click  or **Start**, and select **All Programs** or **Programs**. Select **EPSON** or **EPSON Software** and click **EPSON Scan**.
- **Mac:** Open the **Applications** folder, open the **Epson Software** folder, and double-click the **EPSON Scan** icon.

Note: On a Mac, if you see a message asking if you want to use TWAIN to scan with your product, select **Yes** to scan using Epson Scan.

You see an Epson Scan window like this:



Parent topic: [Starting a Scan](#)

Related tasks

[Scanning on a Mac Using Image Capture](#)

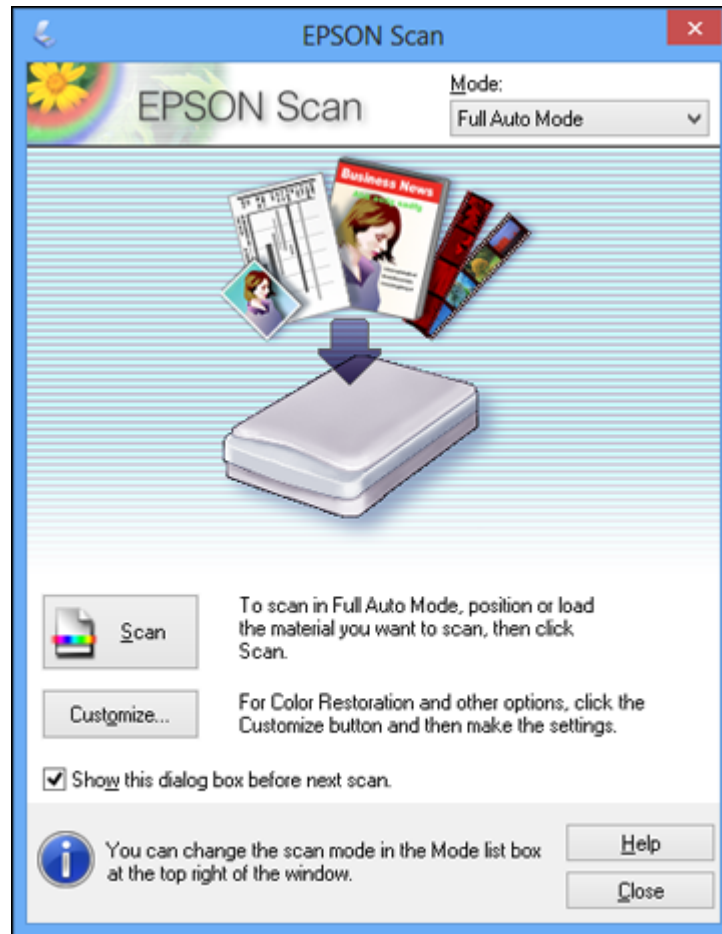
Starting a Scan from a Scanning Program

You can start Epson Scan from a TWAIN-compliant scanning program to select scan settings, scan, and open the scanned image in the program.

1. Open your scanning program and select its scanning option. (See your scanning program help for instructions.)
2. Select your product.

Note: In certain programs, you may need to select your product as the "source" first. If you see a **Select Source** option, choose it and select your product.

You see an Epson Scan window like this:



Note: In certain programs, you may see the program's scan window instead of the Epson Scan window. Select scanning options as necessary.

Parent topic: [Starting a Scan](#)

Related tasks

[Scanning on a Mac Using Image Capture](#)

Selecting Epson Scan Settings

After starting Epson Scan, you can select settings in various modes to customize your scan.

[Scan Modes](#)

[Selecting the Scan Mode](#)

[Scanning in Full Auto Mode](#)

[Scanning in Home Mode](#)

[Scanning in Office Mode](#)

[Scanning in Professional Mode](#)

[Image Preview Guidelines](#)

[Scan Resolution Guidelines](#)

[Selecting Scan File Settings](#)

Parent topic: [Scanning](#)

Scan Modes

Epson Scan provides a choice of scan modes with different levels of control over your settings.

Full Auto Mode

This mode automatically detects the type of content you are scanning, selects settings for it, and saves your scanned image. You can also select various image adjustment options.

Home Mode

You can select setting groups based on the type of content you are scanning. You can also select various image adjustment options, and preview and size your scanned image.

Office Mode

You can quickly scan text documents and adjust them on a preview screen. You can also select various image adjustment options and preview your scanned image.

Professional Mode

You can manually customize all available settings, and preview and size your scanned image.

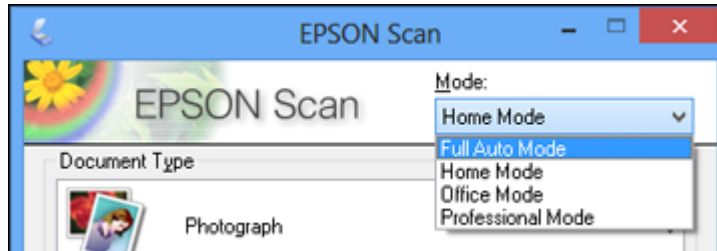
Parent topic: [Selecting Epson Scan Settings](#)

Related tasks

[Selecting the Scan Mode](#)

Selecting the Scan Mode

Select the Epson Scan mode you want to use from the Mode box in the upper right corner of the Epson Scan window:



Parent topic: [Selecting Epson Scan Settings](#)

Related tasks

[Scanning in Full Auto Mode](#)

[Scanning in Home Mode](#)

[Scanning in Office Mode](#)

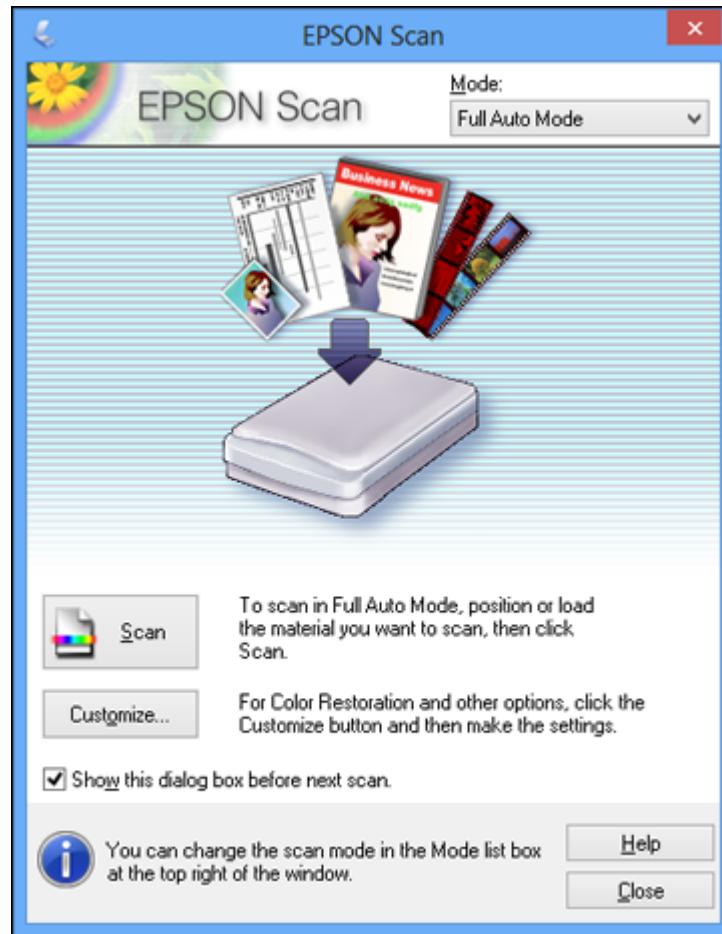
[Scanning in Professional Mode](#)

Scanning in Full Auto Mode

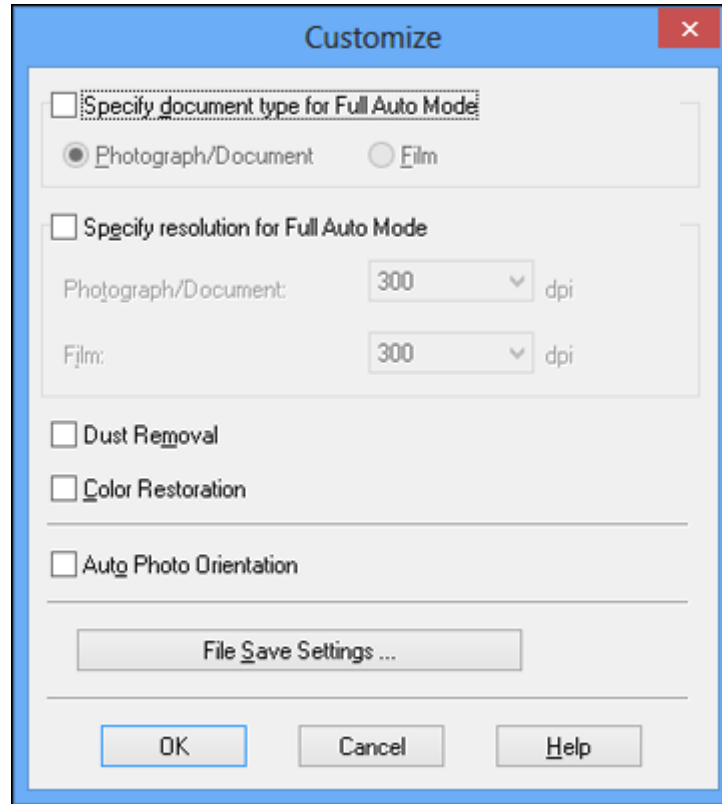
When you scan in Full Auto Mode, Epson Scan automatically saves your scanned file in JPEG format in your operating system's Pictures or My Pictures folder, or opens it in your scanning program. You can change the scanned file settings and select various image adjustment options before you scan, if necessary.

1. Start Epson Scan and select **Full Auto Mode** as the Mode setting.

You see this window:



2. To select image adjustment options or change your scanned file settings, click **Customize**, select the settings you want, and click **OK**.



- To choose any of the available image adjustment options, select the checkbox for the option.
- To change the scanned file settings, click **File Save Settings**.

3. Click **Scan**.

Epson Scan scans your original, and saves the file in the selected folder or opens it in your scanning program. If the file was saved directly to your computer, you see the file in the Windows Explorer or Mac Finder, where you can view and print the image, if desired.

[Available Image Adjustments - Full Auto Mode](#)

Parent topic: [Selecting Epson Scan Settings](#)

Available Image Adjustments - Full Auto Mode

You can select these image adjustment options in Epson Scan Full Auto Mode.

Dust Removal

Removes dust marks from your originals automatically.

Color Restoration

Restores the colors in faded photos automatically.

Auto Photo Orientation

Checks the preview image for faces, the sky, and other features, and then correctly rotates the photo when it is scanned, if necessary. (If your photo is not oriented correctly using this option, deselect this option and scan again.)

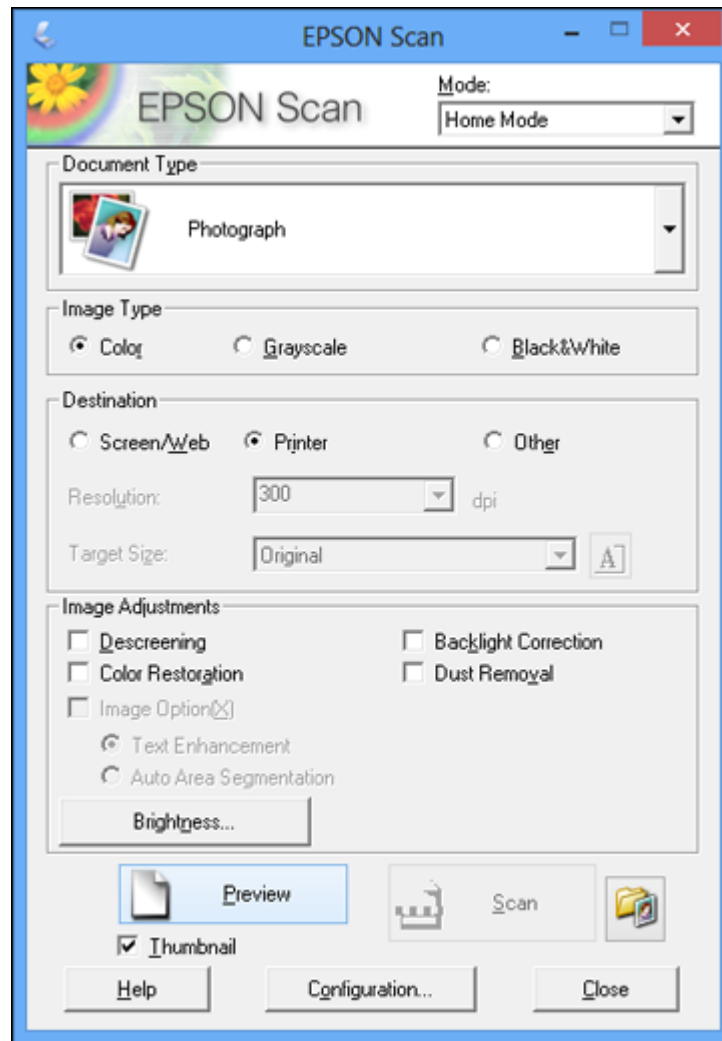
Parent topic: [Scanning in Full Auto Mode](#)

Scanning in Home Mode

When you scan in Home Mode, Epson Scan automatically saves your scanned file in JPEG format in your operating system's Pictures or My Pictures folder, or opens it in your scanning program. You can select settings, preview, and change the scanned file settings as necessary.

1. Start Epson Scan and select **Home Mode** as the Mode setting.

You see this window:



2. Select the **Document Type** setting that matches your original, such as **Photograph** or **Text/Line Art**.
3. Select the **Image Type** setting that matches your original.

4. Select the way you plan to use your scanned image as the **Destination** setting. (The Resolution setting is selected automatically based on the Destination setting you choose.)
 - **Screen/Web**: Select this option for images you will email, view on a computer screen, or post on the web.
 - **Printer**: Select this option for images you will print or documents you will convert to editable text using OCR (Optical Character Recognition) software.
 - **Other**: Select this option if you want to select a custom resolution for your image.
5. If you selected **Other** in the last step, select the **Resolution** setting you want to use for your scan.
6. Click the **Preview** button.

Epson Scan previews your original and displays the result in a separate Preview window.
7. If desired, select the area in your preview image that you want to scan (scan area).
8. Select any of the image adjustment settings you want to use. Before making adjustments, click the image or scan area in the Preview window.
9. If you want to reduce or enlarge your image as you scan, select the **Target Size** setting you want to use.
10. Click **Scan**.

You see the File Save Settings window.
11. Change any of the necessary file save settings and click **OK**.

Epson Scan scans your original, and saves the file in the selected folder or opens it in your scanning program. If the file was saved directly to your computer, you see the file in the Windows Explorer or Mac Finder, where you can view and print the image, if desired.

[Selecting a Scan Area - Home Mode](#)

[Available Image Adjustments - Home Mode](#)

[Selecting a Scan Size - Home Mode](#)

Parent topic: [Selecting Epson Scan Settings](#)

Related concepts

[Image Preview Guidelines](#)

[Scan Resolution Guidelines](#)

Related tasks

[Selecting Scan File Settings](#)

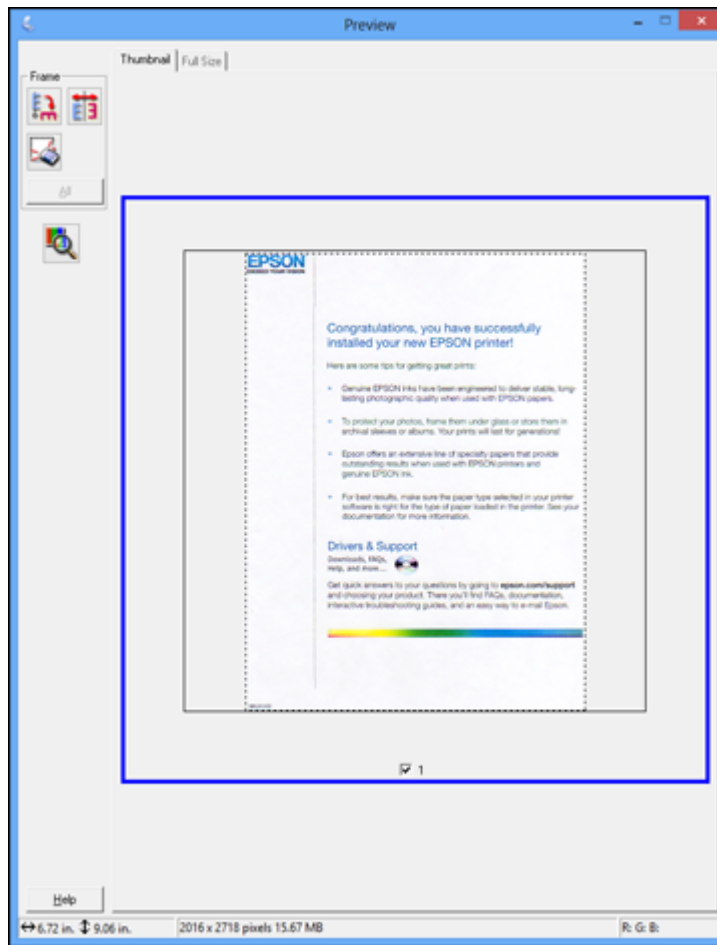
Selecting a Scan Area - Home Mode


You can select a specific area in your preview image to include in your scanned image. You can select the entire image area or a portion of it. You can even select multiple scan areas to create multiple scanned images of different areas (Normal Preview mode only).

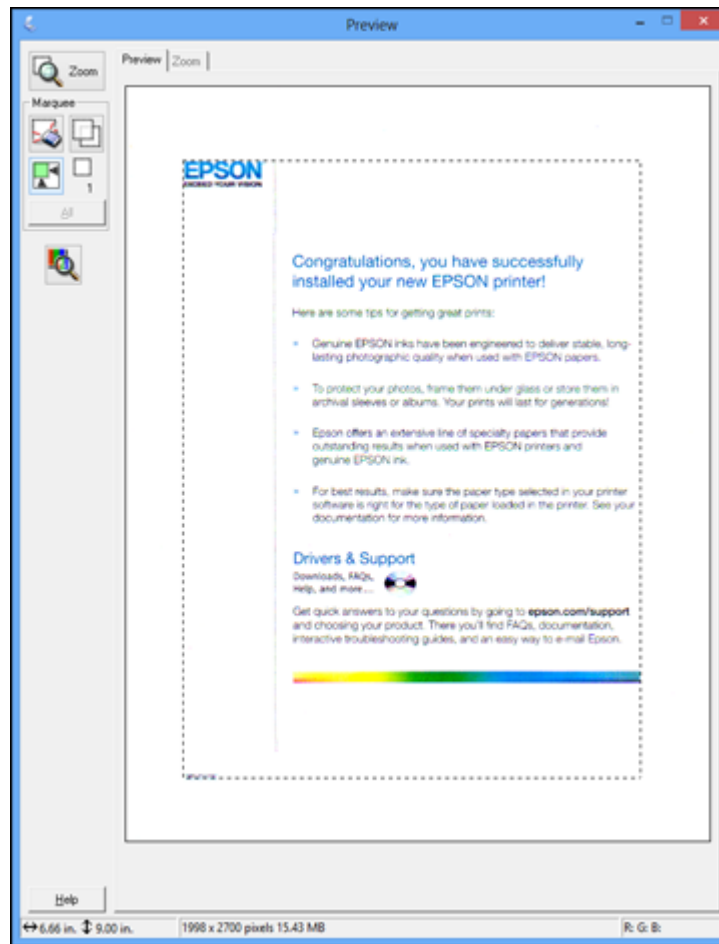
You can also use the scan area to select specific Image Adjustments settings for a scanned image. Just be sure to click inside the scan area before selecting the settings.

1. Do one of the following to select your scan area in the Preview image:


- **Thumbnail preview:** Your scan area is selected automatically, but you can change it. Place your cursor in one corner of the desired scan area, then click and drag the cursor to the opposite corner to create a marquee (dotted line) on the preview image.



- **Normal preview:** Click the  Auto Locate icon to create a marquee (dotted line) on the preview image.



2. Do the following, as necessary, to work with the selected scan area:
 - If the marquee is correct, continue with the next step.
 - To move the marquee, click inside the scan area and drag the marquee where you want it.

- To resize the scan area, place your cursor over the edge or corner of the marquee, then click and drag the edges where you want them. (Hold down the **Shift** key as you resize the marquee to retain the same width/height proportions.)
- **Normal preview:** To create additional marquees (up to 50), click the  Copy Marquee icon to copy the existing marquee and paste it on the preview image.

Note: If you draw multiple marquees, make sure you select the **All** button in the Preview window before you scan. Otherwise, only the area inside the currently selected marquee will be scanned.

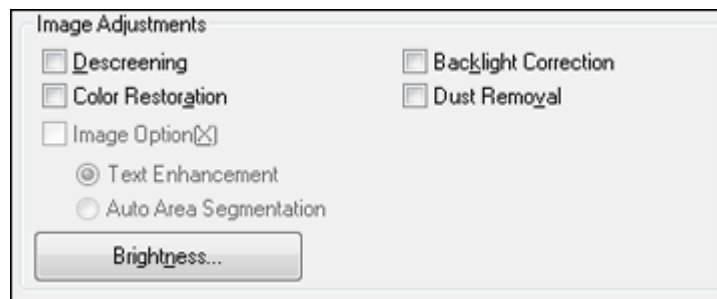
- To delete a marquee, click the marquee, then click the  Delete Marquee icon.

3. Click inside the scan area and make any necessary settings in the Epson Scan window.

Parent topic: [Scanning in Home Mode](#)

Available Image Adjustments - Home Mode

You can select these Image Adjustments options in Epson Scan Home Mode.



Note: Select the **Image Option** checkbox if you need to set any of the grayed-out image adjustments. Not all adjustment settings may be available, depending on the Document Type and Image Type setting. Click the **Brightness** button to access additional settings.

Descreening

Removes the ripple pattern that might appear in subtly shaded image areas, such as skin tones. This option improves results when scanning magazines or newspapers. (The results of descreening do not appear in the preview image, only in your scanned image.)

Color Restoration

Restores the colors in faded photos automatically.

Backlight Correction

Removes shadows from photos that have too much background light.

Dust Removal

Removes dust marks from your originals automatically.

Text Enhancement

Sharpens the appearance of letters in text documents.

Auto Area Segmentation

Makes grayscale images clearer and text recognition more accurate by separating the text from the graphics.

Brightness

Adjusts the overall lightness and darkness of the scanned image.

Contrast

Adjusts the difference between the light and dark areas of the overall scanned image.

Threshold

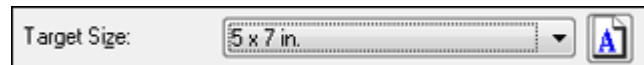
Adjusts the level at which black areas in text and line art are delineated, improving text recognition in OCR (Optical Character Recognition) programs.


Parent topic: [Scanning in Home Mode](#)

Selecting a Scan Size - Home Mode

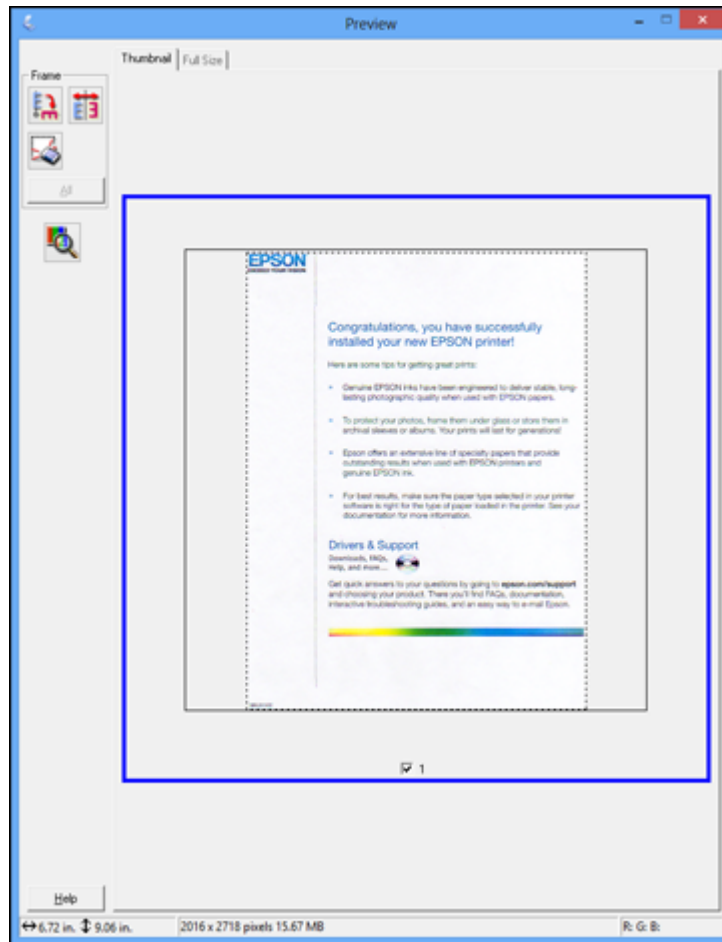
You can reduce or enlarge the size of your image as you scan. You can also select a specific scan size, such as a common photo size like 4 × 6 inches (102 × 152 mm). This places a scan area of that size on the preview image so you can use it to help crop the image in the correct proportions.

1. Click the **Preview** button to preview your image.
2. In the Epson Scan window, select the size you want your scanned image to be from the **Target Size** list.



Note: If you need to rotate the orientation of the target size for your image, click the  Orientation icon.

A marquee (dotted line) appears on your preview image proportioned for the size you selected.



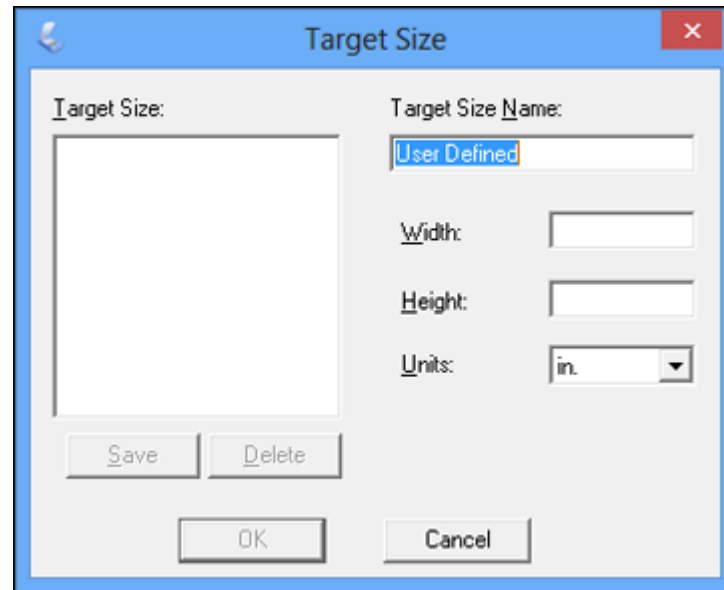
3. Do the following, as necessary, to work with the selected scan area:
 - To move the marquee, click inside the scan area and drag the marquee where you want it.

- To resize the scan area, place your cursor over the edge or corner of the marquee, then click and drag the edge where you want it.

Note: Manually adjusting the marquee will not change the target size of the scanned file. The marquee only indicates the area of the image that will be scanned.

4. To create a scanned image size that is not available in the Target Size list, click the **Customize** option.

You see this window:



5. Name the custom size, enter the size, click **Save**, and click **OK**. Then adjust the marquee on the preview image.

The marquee is automatically proportioned for your custom scan size.

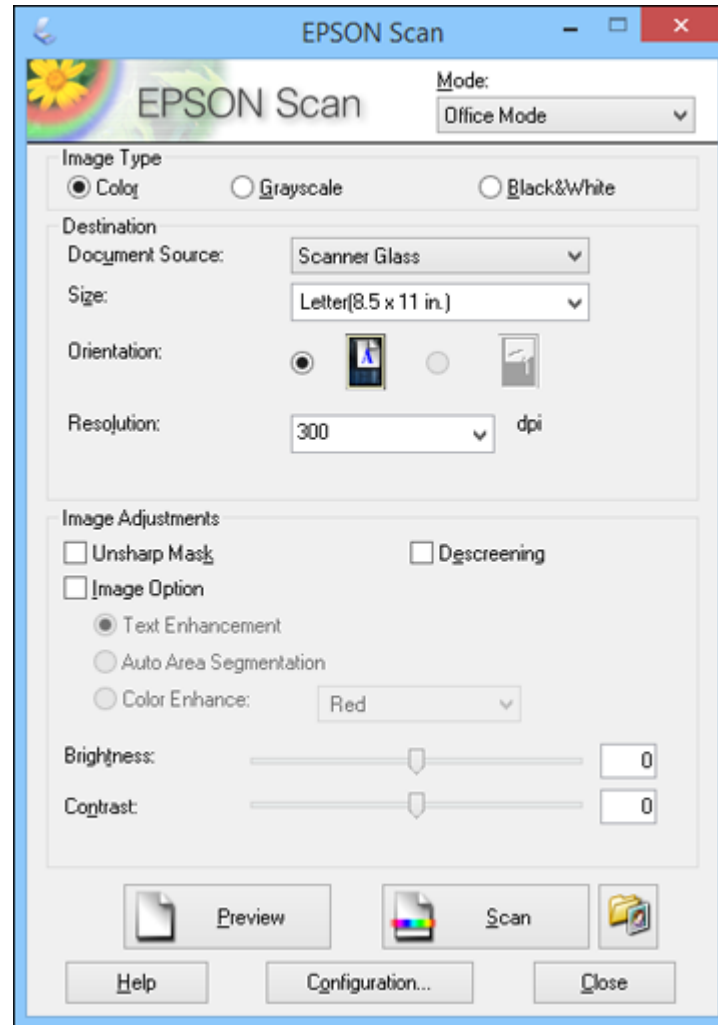
Parent topic: [Scanning in Home Mode](#)

Scanning in Office Mode

When you scan in Office Mode, Epson Scan automatically saves your scanned file in JPEG format in your operating system's Pictures or My Pictures folder, or opens it in your scanning program. You can select settings, preview, and change the scanned file settings as necessary.

1. Start Epson Scan and select **Office Mode** as the Mode setting.

You see this window:



2. Select the **Image Type** setting that matches your original.
3. Select the **Document Source** setting indicating where you placed your original.
4. Select the **Size** and **Orientation** settings that match your original.
5. Select the **Resolution** setting you want to use for your scan.
6. Click the **Preview** button.
Epson Scan previews your original and displays the result in a separate Preview window.
7. If desired, select the area in your preview image that you want to scan (scan area).
8. Select any of the image adjustment settings you want to use. Before making adjustments, click the image or scan area in the Preview window.
9. Click **Scan**.
You see the File Save Settings window.
10. Change any of the necessary file save settings and click **OK**.

Epson Scan scans your original, and saves the file in the selected folder or opens it in your scanning program. If the file was saved directly to your computer, you see the file in the Windows Explorer or Mac Finder, where you can view and print the image, if desired.

[Selecting a Scan Area - Office Mode](#)

[Available Image Adjustments - Office Mode](#)

Parent topic: [Selecting Epson Scan Settings](#)

Related concepts

[Image Preview Guidelines](#)

[Scan Resolution Guidelines](#)


Related tasks

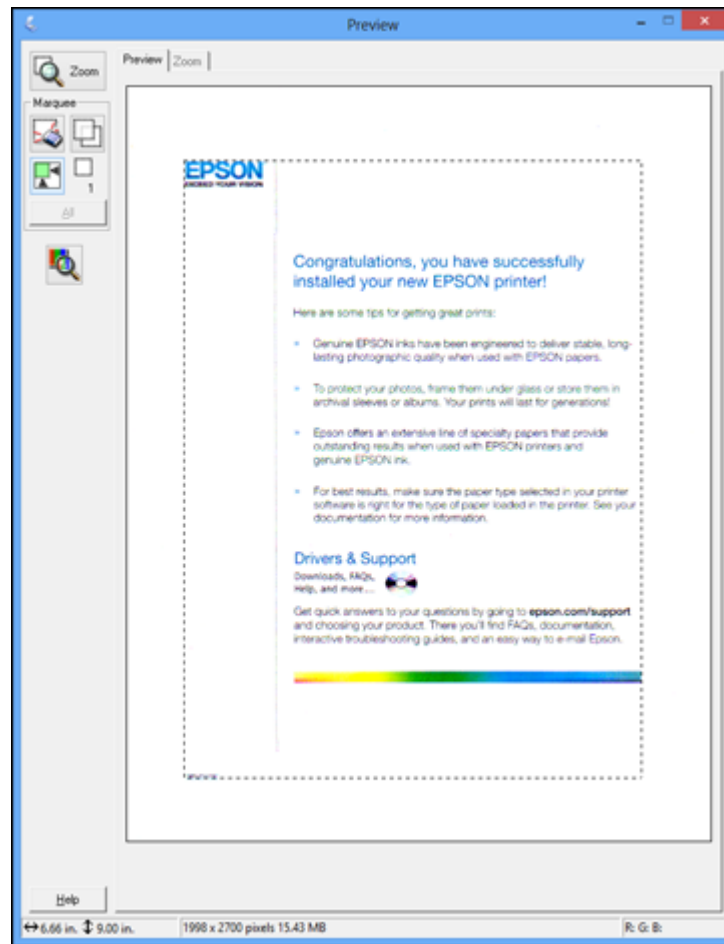
[Selecting Scan File Settings](#)

Selecting a Scan Area - Office Mode


You can select a specific area in your preview image to include in your scanned image. You can select the entire image area or a portion of it. You can even select multiple scan areas to create multiple scanned images of different areas.

You can also use the scan area to select specific Image Adjustments settings for a scanned image. Just be sure to click inside the scan area before selecting the settings.


1. In the Preview window, click the  Auto Locate icon to create a marquee (dotted line) on the preview image.



2. Do the following, as necessary, to work with the selected scan area:
 - If the marquee is correct, continue with the next step.
 - To move the marquee, click inside the scan area and drag the marquee where you want it.

- To resize the scan area, place your cursor over the edge or corner of the marquee, then click and drag the edges where you want them. (Hold down the **Shift** key as you resize the marquee to retain the same width/height proportions.)
- To create additional marquees (up to 50, if available), click the  Copy Marquee icon to copy the existing marquee and paste it on the preview image.

Note: If you draw multiple marquees, make sure you select the **All** button in the Preview window before you scan. Otherwise, only the area inside the currently selected marquee will be scanned.

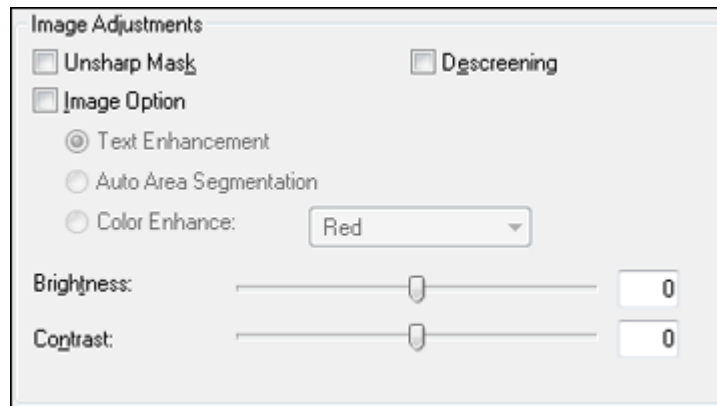
- To delete a marquee, click the marquee, then click the  Delete Marquee icon.

3. Click inside each scan area and make any necessary settings in the Epson Scan window.

Parent topic: [Scanning in Office Mode](#)

Available Image Adjustments - Office Mode

You can select these Image Adjustments options in Epson Scan Office Mode. Not all adjustment settings may be available, depending on other settings you have chosen.



Note: Select the **Image Option** checkbox if you need to set any of the grayed-out image adjustments beneath the checkbox. Not all adjustment settings may be available, depending on the Image Type setting.

Unsharp Mask

Makes the edges of certain image areas clearer. Turn off this option to leave softer edges.

Descreening

Removes the ripple pattern that might appear in subtly shaded image areas, such as skin tones. This option improves results when scanning magazines or newspapers. (The results of descreening do not appear in the preview image, only in your scanned image.)

Text Enhancement

Sharpens the appearance of letters in text documents.

Auto Area Segmentation

Makes grayscale images clearer and text recognition more accurate by separating the text from the graphics.

Color Enhance

Enhances the red, green, or blue shades in the scanned image.

Brightness

Adjusts the overall lightness and darkness of the scanned image.

Contrast

Adjusts the difference between the light and dark areas of the overall scanned image.

Threshold

Adjusts the level at which black areas in text and line art are delineated, improving text recognition in OCR (Optical Character Recognition) programs.

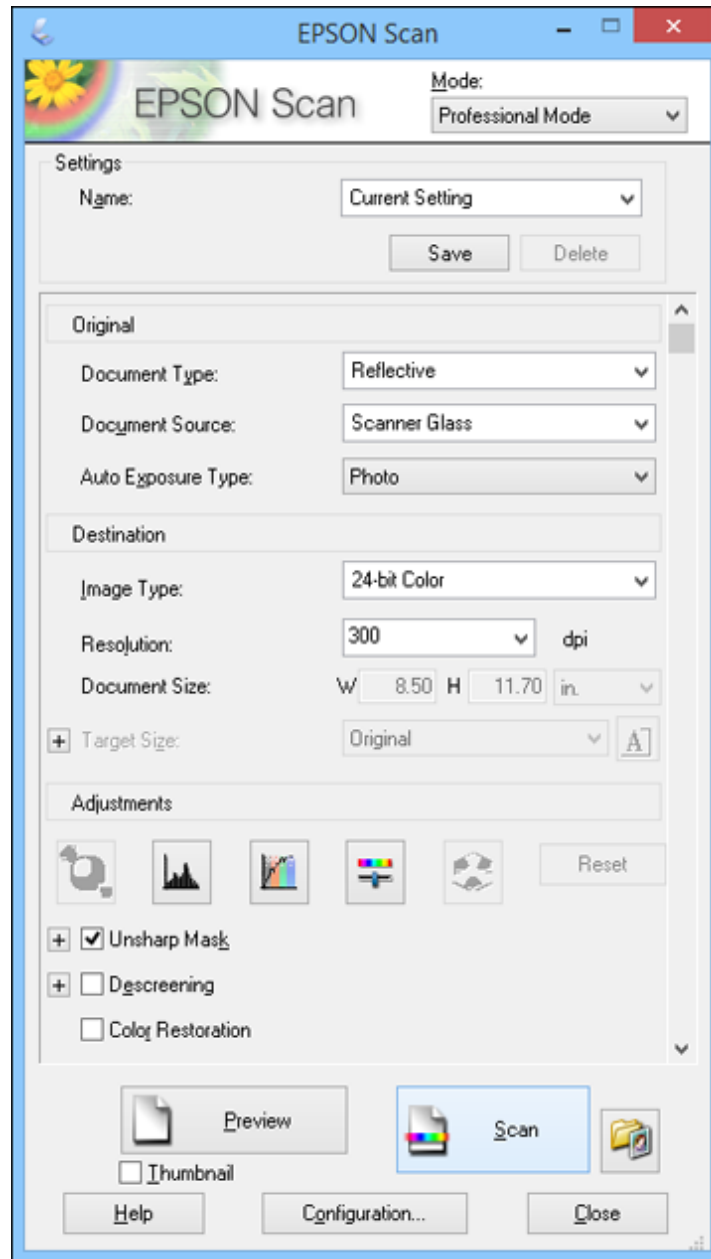
Parent topic: [Scanning in Office Mode](#)

Scanning in Professional Mode

When you scan in Professional Mode, Epson Scan automatically saves your scanned file in JPEG format in your operating system's Pictures or My Pictures folder, or opens it in your scanning program. You can select settings, preview, and change the scanned file settings as necessary.

1. Start Epson Scan and select **Professional Mode** as the Mode setting.

You see this window:



2. Select the **Document Type** setting that matches your original, such as **Reflective** for documents or photos.
3. Select the **Document Source** setting indicating where you placed your original.
4. Select the specific type of original you are scanning as the **Auto Exposure Type** setting: **Document** or **Photo**.
5. Select the details of your original and how you want it scanned as the **Image Type** setting.
6. Select the **Resolution** setting you want to use for your scan.
7. Click the **Preview** button.

Epson Scan previews your original and displays the result in a separate Preview window.

8. If desired, select the area in your preview image that you want to scan (scan area).
9. Select any of the image adjustment settings you want to use. Before making adjustments, click the image or scan area in the Preview window.
10. If you want to reduce or enlarge your image as you scan, select the **Target Size** setting you want to use.
11. Click **Scan**.

You see the File Save Settings window.

12. Change any of the necessary file save settings and click **OK**.

Epson Scan scans your original, and saves the file in the selected folder or opens it in your scanning program. If the file was saved directly to your computer, you see the file in the Windows Explorer or Mac Finder, where you can view and print the image, if desired.

[Available Image Types - Professional Mode](#)

[Selecting a Scan Area - Professional Mode](#)

[Available Image Adjustments - Professional Mode](#)

[Selecting a Scan Size - Professional Mode](#)

Parent topic: [Selecting Epson Scan Settings](#)

Related concepts

[Image Preview Guidelines](#)

[Scan Resolution Guidelines](#)

Related tasks

[Selecting Scan File Settings](#)

Available Image Types - Professional Mode

You can select these Image Type options in Epson Scan Professional Mode.

24-bit Color

Select this setting for color photos.

Color Smoothing

Select this setting for color graphic images, such as charts or graphs.

8-bit Grayscale

Select this setting for black-and-white photos.

Black & White

Select this setting for black text documents or line art.

Parent topic: [Scanning in Professional Mode](#)


Selecting a Scan Area - Professional Mode

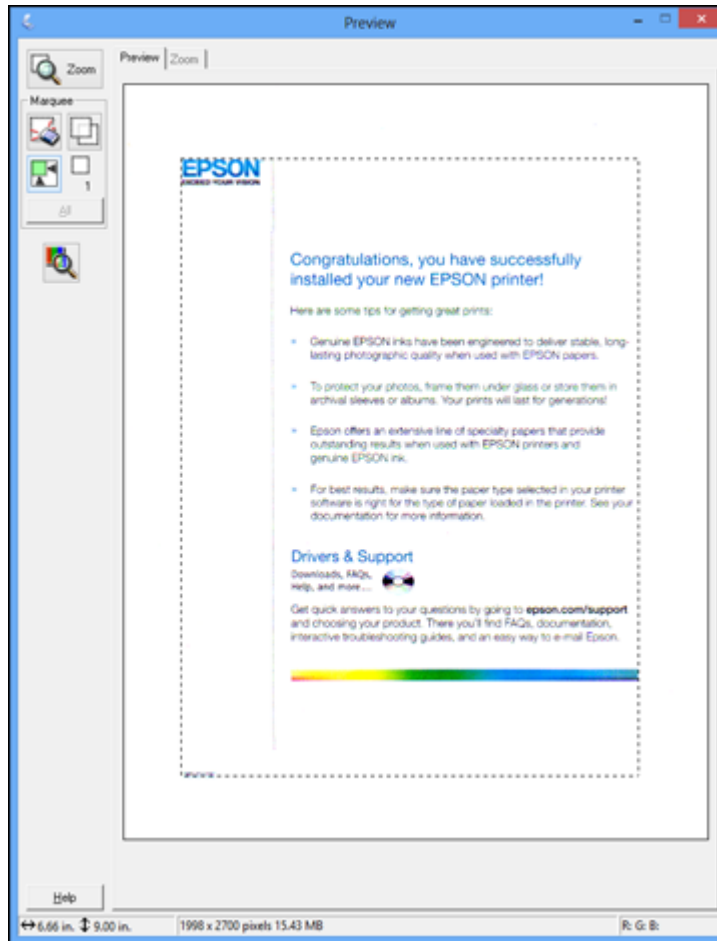
You can select a specific area in your preview image to include in your scanned image. You can select the entire image area or a portion of it. You can even select multiple scan areas to create multiple scanned images of different areas (Normal Preview mode only).

You can also use the scan area to select specific image Adjustments settings for a scanned image. Just be sure to click inside the scan area before selecting the settings.

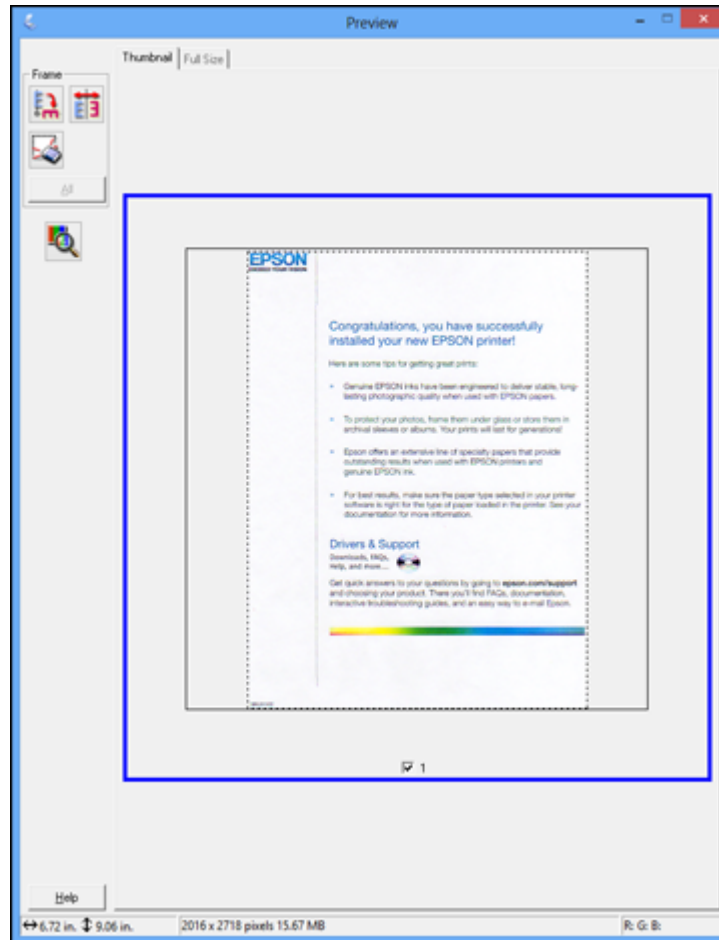
Note: In Professional Mode, the default Preview mode is Normal Preview mode. To use Thumbnail Preview mode instead, select the **Thumbnail** checkbox beneath the Preview button (if available), then click the **Preview** button to preview your image again.

1. Do one of the following to select your scan area in the Preview image:



- **Normal preview:** Click the  Auto Locate icon to create a marquee (dotted line) on the preview image.



- **Thumbnail preview:** Your scan area is selected automatically, but you can change it. Place your cursor in one corner of the desired scan area, then click and drag the cursor to the opposite corner to create a marquee (dotted line) on the preview image.



2. Do the following, as necessary, to work with the selected scan area:
 - If the marquee is correct, continue with the next step.
 - To move the marquee, click inside the scan area and drag the marquee where you want it.

- To resize the scan area, place your cursor over the edge or corner of the marquee, then click and drag the edges where you want them. (Hold down the **Shift** key as you resize the marquee to retain the same width/height proportions.)
- **Normal preview:** To create additional marquees (up to 50, if available), click the  Copy Marquee icon to copy the existing marquee and paste it on the preview image.
- To delete a marquee, click the marquee, then click the  Delete Marquee icon.

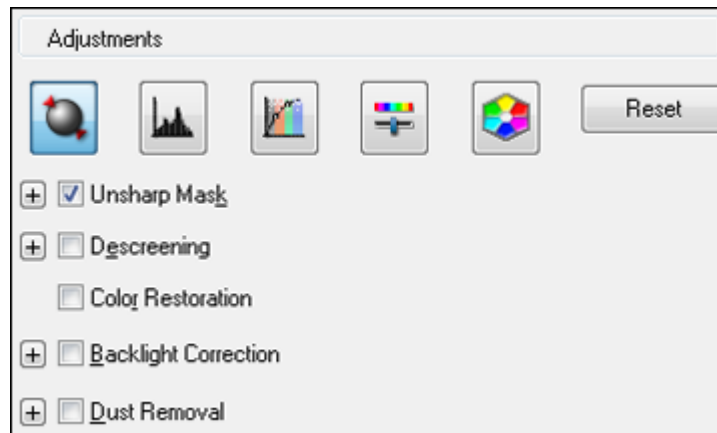
Note: If you draw multiple marquees, make sure you select the **All** button in the Preview window before you scan. Otherwise, only the area inside the currently selected marquee will be scanned.


3. Click inside the scan area and make any necessary settings in the Epson Scan window.

Parent topic: [Scanning in Professional Mode](#)

Available Image Adjustments - Professional Mode

You can select these Adjustments options in Epson Scan Professional Mode. Not all adjustment settings may be available, depending on other settings you have chosen.



Click the  image adjustment icon to access additional settings.

Click the **+** (Windows) or **▶** (Mac) icon next to a setting to change the level of adjustment.

Unsharp Mask

Makes the edges of certain image areas clearer. Turn off this option to leave softer edges.

Descreening

Removes the ripple pattern that might appear in subtly shaded image areas, such as skin tones. This option improves results when scanning magazines or newspapers. (The results of descreening do not appear in the preview image, only in your scanned image.)

Color Restoration

Restores the colors in faded photos automatically.


Backlight Correction

Removes shadows from photos that have too much background light.


Dust Removal

Removes dust marks from your originals automatically.


Auto Exposure

Automatically adjusts the image exposure settings when you click the  Auto Exposure icon. To automatically adjust image exposure settings continuously, click the **Configuration** button, click the **Color** tab, and select **Continuous auto exposure**. You can adjust the level of auto exposure using a slider.

Histogram Adjustment

Provides a graphical interface for adjusting highlight, shadow, and gamma levels individually. (For advanced users only.) Click the  histogram icon to access the settings.

Tone Correction

Provides a graphical interface for adjusting tone levels individually. (For advanced users only.) Click the  tone correction icon to access the settings.

Brightness

Adjusts the overall lightness and darkness of the scanned image.

Contrast

Adjusts the difference between the light and dark areas of the overall scanned image.


Saturation

Adjusts the density of colors in the overall image.

Color Balance

Adjusts the balance of colors in the overall image.

Color Palette

Provides a graphical interface for adjusting mid-tone levels, such as skin tones, without affecting the highlight and shadow areas of the image. (For advanced users only.) Click the  Color Palette icon to access the settings.

Threshold

Adjusts the level at which black areas in text and line art are delineated, improving text recognition in OCR (Optical Character Recognition) programs.


Parent topic: [Scanning in Professional Mode](#)

Selecting a Scan Size - Professional Mode

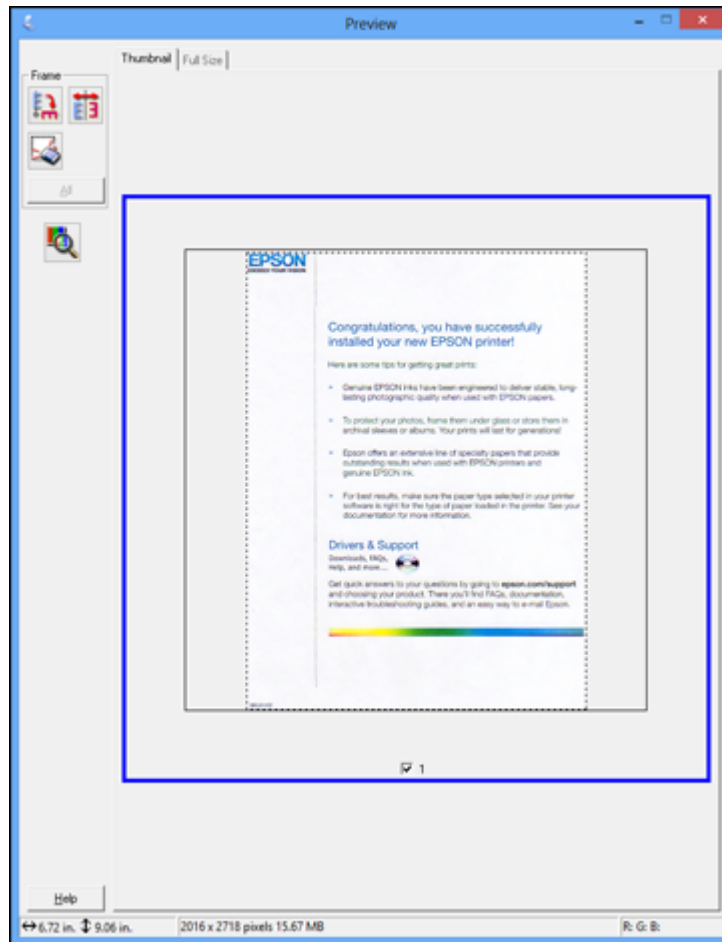
You can reduce or enlarge the size of your image as you scan. You can also select a specific scan size, such as a common photo size like 4 × 6 inches (102 × 152 mm). This places a scan area of that size on the preview image so you can use it to help crop the image in the correct proportions.

1. Click the **Preview** button to preview your image.
2. In the Epson Scan window, select the size you want your scanned image to be from the **Target Size** list.



Note: If you need to rotate the orientation of the target size for your image, click the  orientation icon.

A marquee (dotted line) appears on your preview image proportioned for the size you selected.



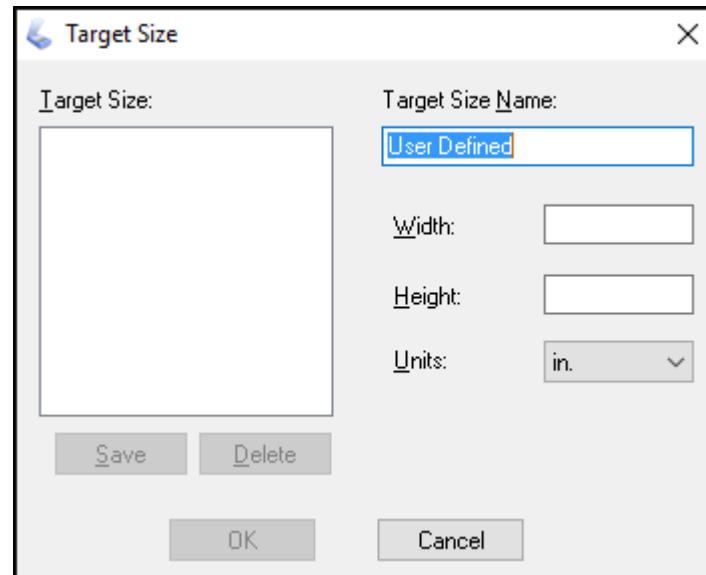
3. Do the following, as necessary, to work with the selected scan area:
 - To move the marquee, click inside the scan area and drag the marquee where you want it.

- To resize the scan area, place your cursor over the edge or corner of the marquee, then click and drag the edge where you want it.

Note: Manually adjusting the marquee will not change the target size of the scanned file. The marquee only indicates the area of the image that will be scanned.

4. To create a scanned image size that is not available in the Target Size list, click the **Customize** option.

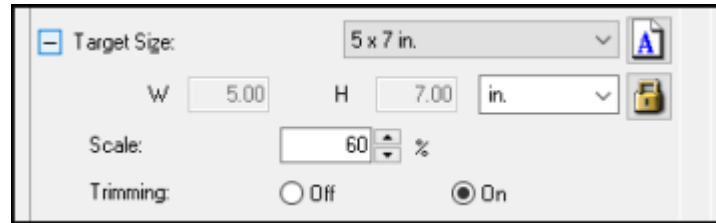
You see this window:




5. Name the custom size, enter the size, click **Save**, and click **OK**. Then adjust the marquee on the preview image.

The marquee is automatically proportioned for your custom scan size.

- To use additional sizing tools, click the + (Windows) or ► (Mac) icon next to the Target Size setting and select options as desired.



- **Scale:** Reduces or enlarges your image by the percentage you enter.
- **Trimming:** Turns automatic image cropping on or off.
-  **Unlock icon:** Unlocks the width/height proportions of the scanned image size so you can adjust it without constraint.

Parent topic: [Scanning in Professional Mode](#)

Image Preview Guidelines

You can preview your scanned image so you can adjust the scan settings using the preview as a guide. There are two types of preview available, depending on the scan mode and selected settings:

Thumbnail preview

A thumbnail preview displays your previewed images as thumbnails with the scanned image area and exposure automatically selected. If the **Thumbnail** checkbox is selected, clicking the **Preview** button opens a thumbnail preview.

Normal preview

A normal preview displays your previewed images in their entirety so you can select the scanned image area and other settings manually. If the **Thumbnail** checkbox is deselected, clicking the **Preview** button opens a normal preview.

Parent topic: [Selecting Epson Scan Settings](#)

Scan Resolution Guidelines

If you plan to enlarge a scanned image so you can print it at a larger size, you may need to increase the resolution from the default resolution set by Epson Scan. Follow these guidelines to determine the resolution setting you need:

- You will enlarge the image as you scan it.

If you will enlarge the image using Epson Scan's Target Size setting, you do not need to increase the Resolution setting.

- You will scan the image at its original size but enlarge it later in an image-editing program.

Increase Epson Scan's Resolution setting in your scan. Increase the resolution by the same amount you will increase the image size to retain a high image quality. For example, if the resolution is 300 dpi (dots per inch) and you will double the image size later, change the Resolution setting to 600 dpi.

- You will scan the image at 100% or smaller size.

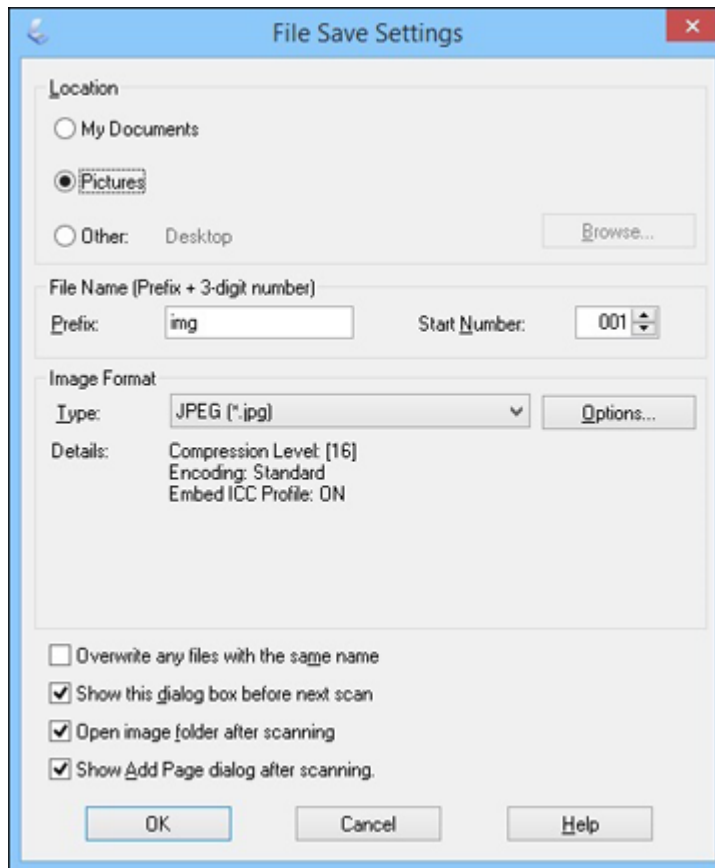
Select Epson Scan's Resolution setting based on how you will use the scanned image:


- Email/view on a computer screen/post on the web: 96 to 150 dpi
- Print/convert to editable text (OCR): 300 dpi
- Fax: 200 dpi

Parent topic: [Selecting Epson Scan Settings](#)

Selecting Scan File Settings

You can select the location, name, and format of your scan file on the File Save Settings window. You can also select various optional settings that control how Epson Scan behaves when you scan and save files.



The File Save Settings window may appear after you click **Scan** on the Epson Scan window. You may also be able to access the window by clicking the  icon on the Epson Scan window.

1. Do one of the following to select the folder in which you want to save your scanned image:
 - Click the button for one of the displayed folders.

- Click the **Other** button, click the **Browse** or **Choose** button, and select a folder.
- 2. Type in a file name in the **Prefix** field. This name is used along with numbers to automatically name your scanned files.
- 3. Select a different number as the **Start Number** setting, if you like.
- 4. Select the file format you want to use in the Image Format **Type** menu.
- 5. If your file format provides optional settings, click the **Options** button to select them.
- 6. Choose any of the optional settings you want to use by selecting their checkboxes.
- 7. Click **OK**.

[Available Scanned File Types and Optional Settings](#)

Parent topic: [Selecting Epson Scan Settings](#)

Available Scanned File Types and Optional Settings

You can select from a variety of scanned file types and optional settings on the File Save Settings window in Epson Scan.

File Formats

Bitmap (*.bmp)

A standard image file format for most Windows programs.

JPEG (*.jpg)

An image format that lets you highly compress image data. However, the higher the compression, the lower the image quality. (The TIFF format is recommended when you need to modify or retouch your scanned image.)

Multi-TIFF (*.tif)

A TIFF file format when multiple pages are saved to the same file, allowing you to edit the images using a compatible program.

PDF (*.pdf)

A document format that is readable by Windows and Mac systems using Adobe Reader, Acrobat, or other programs. You can save multi-page documents in one PDF file.

PICT (*.pct)

A standard image file format for most Mac programs.

PRINT Image Matching II (*.jpg or *.tif)

File formats that include Epson PRINT Image Matching II data for enhanced quality and a wider color range (does not affect the way the image displays on the screen).

TIFF (*.tif)

A file format created for exchanging data between many programs, such as graphic and DTP software.

Optional Settings**Overwrite any files with the same name**

Select to overwrite previous files with the same names.

Show this dialog box before next scan

Select to have the File Save Settings window appear automatically before you scan (in certain Epson Scan modes).

Open image folder after scanning

Select to have Windows Explorer or Mac Finder automatically open to the folder where your scanned image is saved after scanning.

Show Add Page dialog after scanning

If you are scanning a multi-page document using the PDF or Multi-TIFF format, select to display a prompt for scanning additional pages after the first page is scanned.

Parent topic: [Selecting Scan File Settings](#)

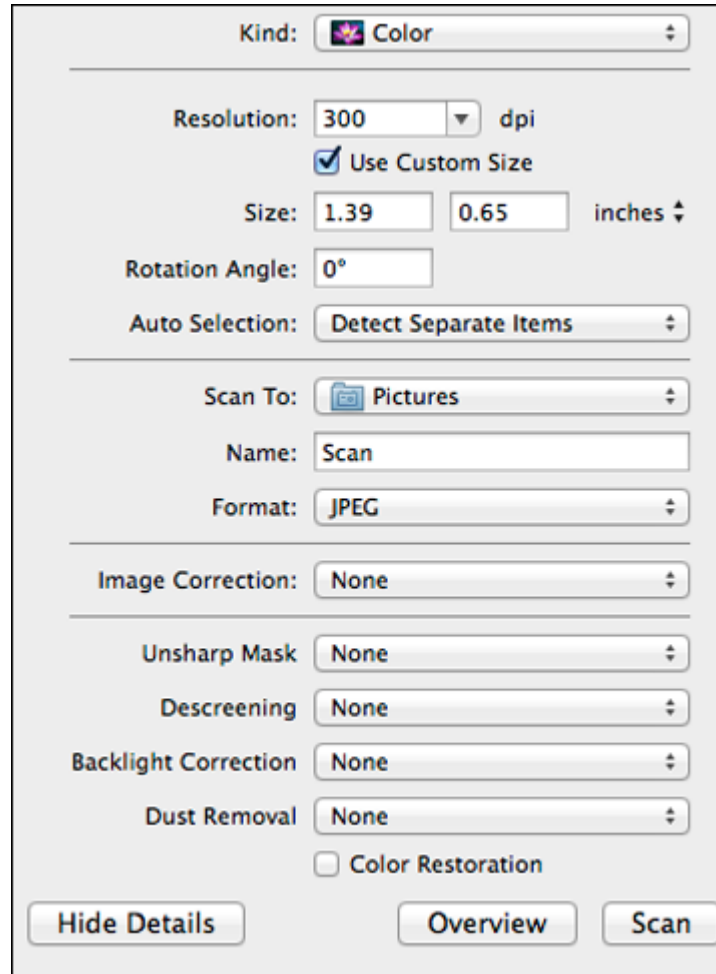
Scanning on a Mac Using Image Capture

On a Mac, you can scan with your product using an image-editing application such as Image Capture.

1. Open an image editing application, such as Image Capture.
2. Select your Epson product from the **DEVICES** or **SHARED** list in the Finder, if necessary. (You may need to hover over the **DEVICES** or **SHARED** list, click **Show**, and select your product.)
3. If you see the **Show Details** button, click it.

If you are scanning an item on the scanner glass, your product begins a preview scan.

4. Select the **Scan Mode** setting indicating where you placed your original (if available). Select any other available scan settings as necessary.



The image shows a screenshot of the Mac Image Capture application's scan settings dialog box. The dialog is organized into several sections separated by horizontal lines. At the top, the 'Kind' is set to 'Color'. Below this, the 'Resolution' is set to '300 dpi' with a dropdown arrow, and the 'Use Custom Size' checkbox is checked. The 'Size' is set to '1.39' by '0.65' inches. The 'Rotation Angle' is set to '0°'. The 'Auto Selection' is set to 'Detect Separate Items'. The next section is for saving the scan: 'Scan To' is set to 'Pictures', 'Name' is 'Scan', and 'Format' is 'JPEG'. Below this, there are several image correction options, all set to 'None': 'Image Correction', 'Unsharp Mask', 'Descreening', 'Backlight Correction', and 'Dust Removal'. There is also an unchecked 'Color Restoration' checkbox. At the bottom, there are three buttons: 'Hide Details', 'Overview', and 'Scan'.

5. Select the folder in which you want to save your scanned file in the **Scan To** pop-up menu.
6. Click **Scan**.
Your scanned file is saved in the folder you selected.

[Available Scan Settings - Mac Image Capture](#)

Parent topic: [Scanning](#)

Available Scan Settings - Mac Image Capture

You can select these scan settings in your imaging editing application for Mac, if available.

Image Correction

Provides a graphical interface for adjusting brightness, tint, temperature, and saturation.

Unsharp Mask

Makes the edges of certain image areas clearer. Turn off this option to leave softer edges.

Descreening

Removes the ripple pattern that might appear in subtly shaded image areas, such as skin tones. This option improves results when scanning magazines or newspapers. (The results of descreening do not appear in the preview image, only in your scanned image.)

Backlight Correction

Removes shadows from photos that have too much background light.

Dust Removal

Removes dust marks from your originals automatically.

Color Restoration

Restores the colors in faded photos automatically.

Parent topic: [Scanning on a Mac Using Image Capture](#)

Scanning Special Projects

Your product's scanning software offers various options to help you quickly complete special scan projects.

[Scanning to a PDF File](#)

[Restoring Photo Colors as You Scan](#)

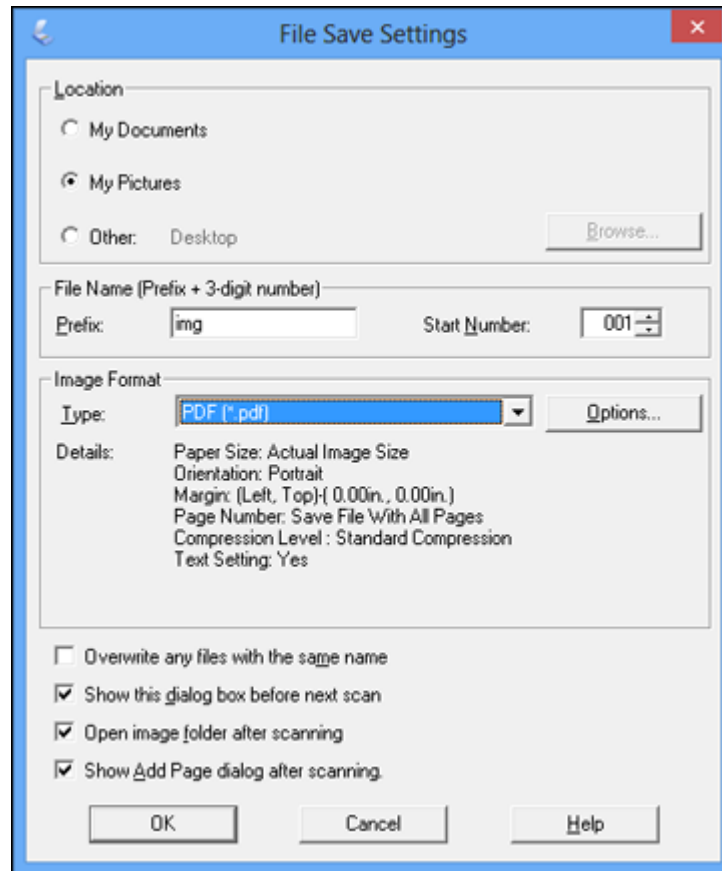
Parent topic: [Scanning](#)

Scanning to a PDF File

Using Epson Scan in Office, Home, or Professional Mode, you can scan a multi-page document and save it in one PDF (Portable Document Format) file on your computer.

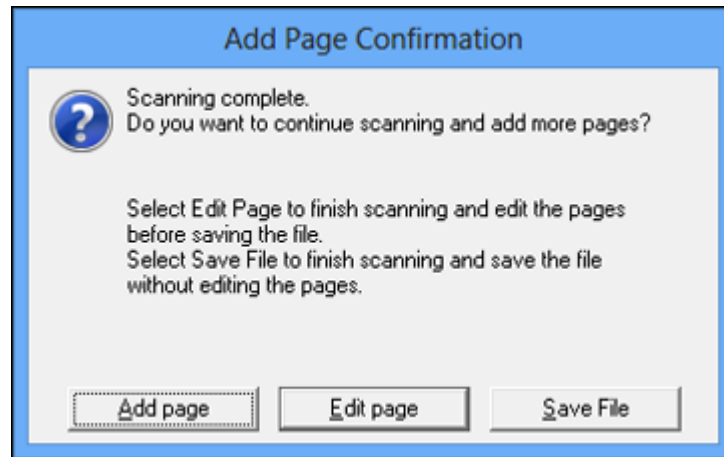
1. Place your original on your product for scanning.
2. Start Epson Scan.
3. Select the scan mode you want to use.

4. Select the scan settings for your scan.
5. Preview your image.
6. When you finish selecting all your settings, click **Scan**.
You see the File Save Settings window.



7. Select **PDF** as the Type setting.
8. Select any other settings you want to use on the File Save Settings window. Click the **Options** button to access additional settings.
9. Click **OK**.

Epson Scan scans your document and you see this window:



10. Choose one of the following options:

- If you are scanning only one page, click **Save File**.
- If you need to scan additional pages in a document, click **Add page**. Place additional pages on the product for scanning, click **Scan**, and repeat until you have scanned all the pages. When you are finished, click **Save File**.
- If you need to delete or reorder the scanned pages, click **Edit page**. Delete or reorder the pages using the icons that appear on the bottom of the editing window. When you are finished, click **OK**.

Note: If you installed an OCR (Optical Character Recognition) program, you may see a screen indicating the program is converting your page to text. Wait until the program re-scans the page and close the program, if necessary.

11. Click **Close** to exit the Epson Scan window, if necessary.

Epson Scan scans your original, and saves the PDF file in the selected folder or opens it in your scanning program. If the file was saved directly to your computer, you see the file in the Windows Explorer or Mac Finder, where you can view and print the document, if desired.

Parent topic: [Scanning Special Projects](#)

Related tasks

[Placing Originals on the Scanner Glass](#)

[Selecting the Scan Mode](#)

Related topics

[Starting a Scan](#)

[Selecting Epson Scan Settings](#)

Restoring Photo Colors as You Scan

You can restore the colors in faded photos as you scan them using Epson Scan's Color Restoration setting. You can select this setting in any of the available scan modes.

Note: Color restoration is not available in Office Mode, if Epson Scan offers that mode.

1. Place your original on your product for scanning.
2. Start Epson Scan.
3. Select the scan mode you want to use.
4. Select the scan settings for your scan.
5. Preview your image.
6. Locate or access the image adjustment settings.
7. Select the **Color Restoration** checkbox.



8. When you finish selecting all your settings, click **Scan**.
9. Click **Close** to exit the Epson Scan window, if necessary.

Epson Scan scans your original, and saves the color-restored file in the selected folder or opens it in your scanning program. If the file was saved directly to your computer, you see the file in the Windows Explorer or Mac Finder, where you can view and print the image, if desired.

Parent topic: [Scanning Special Projects](#)

Related tasks

[Placing Originals on the Scanner Glass](#)

[Selecting the Scan Mode](#)

Related topics[Starting a Scan](#)[Selecting Epson Scan Settings](#)

Using Memory Cards with Your Product

Follow the instructions here to work with a memory card inserted into your product.

[Inserting a Memory Card](#)

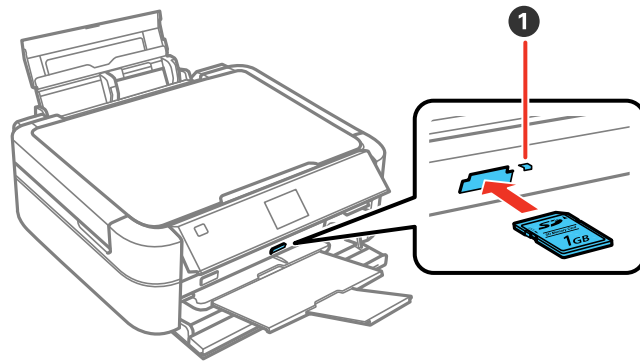
[Printing from a Memory Card](#)

[Transferring Photos on a Memory Card](#)

Inserting a Memory Card

Insert only one memory card at a time into the memory card slot on your product.

1. Make sure the memory card and the files on it are compatible with your product before inserting the card.
2. Insert your memory card into the slot, making sure the card is oriented correctly.



1 Memory card access light

Note: Do not force the card all the way into the slot. Insert it only until it meets resistance.

The memory card access light flashes and then stays lit.

Caution: Do not remove the memory card or turn off your product while the memory card access light is flashing, or you may lose data from the memory card.

[Memory Card Types](#)
[Memory Card File Specifications](#)
[Removing a Memory Card](#)

Parent topic: [Using Memory Cards with Your Product](#)

Memory Card Types

You can insert these types of memory cards in your product.

Note: Cards marked with an asterisk (*) require an adapter; consult your adapter documentation for details on using it.

You can insert the following cards in the memory card slot:

- SD
- SDHC
- SDXC
- Memory Stick
- Memory Stick PRO
- MagicGate Memory Stick
- Memory Stick Duo*
- Memory Stick PRO Duo*
- Memory Stick PRO-HG Duo*
- Memory Stick Micro*
- MagicGate Memory Stick Duo*
- miniSD*
- miniSDHC*
- microSD*
- microSDHC*
- microSDXC*

Parent topic: [Inserting a Memory Card](#)

Memory Card File Specifications

You can insert memory cards in your product containing files that meet these specifications.

File format	JPEG with the Exif version 2.3 standard
Image size	80 × 80 pixels to 9200 × 9200 pixels
File size	Up to 2GB
Number of files	Up to 9990

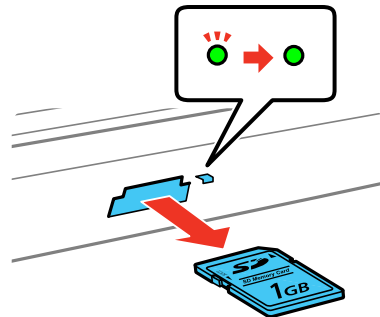
Parent topic: [Inserting a Memory Card](#)

Removing a Memory Card

After you finish working with a memory card, check to make sure it is safe to remove it from your product.

Caution: Do not remove a memory card or turn off your product while the memory card access light is flashing or you may lose data from the memory card.

1. Make sure the memory card access light is not flashing.



2. If your product is connected to your computer using a USB cable, do one of the following:
 - **Windows:** Open the **My Computer**, **Computer**, **Windows Explorer**, or **File Explorer** utility. Then right-click the name of your memory card (listed as a removable disk) and select **Eject**.
 - **Mac:** Drag the removable disk icon for your memory card from the desktop or computer window into the trash.

3. Pull the memory card straight out of its slot.

Parent topic: [Inserting a Memory Card](#)

Printing from a Memory Card

See these sections to print photos from a memory card inserted into your product:

[Viewing and Printing Photos](#)

[Printing Photo Greeting Cards](#)

[Printing Photo Layouts from a Memory Card](#)

[Printing Photo Proofsheets from a Memory Card](#)

Parent topic: [Using Memory Cards with Your Product](#)

Viewing and Printing Photos

See these sections to view and print photos displayed on your product's LCD screen.

[Viewing and Printing Photos from the LCD Screen](#)

[Viewing and Printing Photos from a Slide Show](#)


[Print Setting Options - Memory Card](#)

[Photo Adjustment Options - Memory Card](#)

Parent topic: [Printing from a Memory Card](#)



Viewing and Printing Photos from the LCD Screen

You can select photos for printing as you view them on the LCD screen.

1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **View and Print Photos** and press the **OK** button.


A photo on your memory card is displayed:




4. Press the right and left arrow buttons to scroll through your photos and display one that you want to view or print.
5. Press the + or – buttons to select one or more copies of the photo (up to 99).
6. To crop, zoom into, or rotate a photo, press the  display/crop button.
7. To view and select additional photos for printing, repeat the steps above.
8. To view additional settings, press the  menu button.

You see this screen:





9. Do one of the following:
 - To select photos by date or all photos, select **Select Photos**, press the **OK** button, and make your selection.
 - To change the print settings, select **Print Settings**, press the **OK** button, and select the necessary settings.
 - To change the appearance (e.g., brightness and contrast) of your printed photos, select **Photo Adjustments**, press the **OK** button, and select the necessary settings.
10. When you are ready to print, press the  start button.


Note: To cancel printing, press the  stop button.

Parent topic: [Viewing and Printing Photos](#)

Viewing and Printing Photos from a Slide Show

You can view photos one at a time as a slide show on the LCD screen and select the one you want to print.

1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **Slide Show** and press the **OK** button.
4. To select a displayed photo for printing, press the **OK** button. (Press the up or down arrow buttons to pause or resume the slide show as necessary.)
5. Follow the instructions on the LCD screen to select any additional settings.
6. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

Parent topic: [Viewing and Printing Photos](#)

Print Setting Options - Memory Card

Select the **Print Settings** options you want to use when printing photos displayed on the LCD screen.

Print settings	Available options	Description
Paper Size	Various paper sizes	Indicates the size of paper you have loaded

Print settings	Available options	Description
Paper Type	Various paper types	Indicates the type of paper you have loaded; see the list of paper types for copying (available options depend on the selected Paper Size setting)
Borderless	Borderless	Expands the image to the edge of the paper (slight cropping may occur)
	With Border	Leaves a small margin around the image
Quality	Draft	Provides lower quality for draft printing
	Standard	Provides good quality for most prints
	Best	Provides the highest quality for important prints
Expansion	Standard	Expands images correctly for most borderless prints
	Medium	Expands images slightly less for borderless prints
	Minimum	Expands images the least for borderless prints (you may see some white border)
Date	Various date formats	Prints the date the photo was taken on the photo in the format you select
Fit Frame	On	Automatically crops the photo to fit into the selected photo layout
	Off	Turns off automatic cropping
Bidirectional	On	Prints at normal speed
	Off	Slows down printing to improve print quality

Note: To return to default print settings, press the  stop button, select **Yes** and press the **OK** button.

Parent topic: [Viewing and Printing Photos](#)

Photo Adjustment Options - Memory Card

Select the **Photo Adjustment** options you want to use when viewing and printing photos displayed on the LCD screen. The modifications affect only the printed copy of the photo, not the original file.

Photo Adjustment settings	Available options	Description
Fix Photo	Fix Photo On	Automatically adjusts the brightness, contrast, and saturation of the photo based on the Scene Detection setting that is selected
	Fix Photo Off	Turns off automatic adjustments; see Note below
	P.I.M.	Uses your camera's PRINT Image Matching or Exif Print adjustments
Scene Detection	Automatic	Optimizes the Fix Photo adjustments for specific types of photos; select the option that best matches your photo content
	People	
	Landscape	
	Night Scene	
Fix Red-Eye	Off - Current	Automatically fixes the red-eye effect in photos
	On - Current	
	Off - All	
	On - All	
Filter	Off	Applies a sepia tone or black-and-white filter to your photo
	Sepia	
	B&W	
Brightness	Various settings	Adjust individual qualities in your photo
Contrast		
Sharpness		
Saturation		

Note: **Fix Photo** uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Parent topic: [Viewing and Printing Photos](#)

Printing Photo Greeting Cards

You can create custom greeting cards using photos on your memory card or other device, and add your own handwritten or printed text.

First you select your photo and print a template on plain paper. Then you fill out the template, add your message, and print your cards.



[Creating and Printing a Greeting Card Template](#)

[Printing a Greeting Card from a Template](#)

Parent topic: [Printing from a Memory Card](#)

Creating and Printing a Greeting Card Template

Before you start, make sure plain paper is loaded and your memory card is inserted.

1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **Print Photo Greeting Card** and press the **OK** button.
4. Select **Select Photo and Print Template** and press the **OK** button.
5. Press the left or right arrow buttons to select the photo you want, and press the **OK** button.
6. Select **Letter** to print three cards on one letter-size sheet or **4x6in** to print one card. Then press the **OK** button.
7. Select the type of paper you plan to use and press the **OK** button.
8. Select the other print settings as necessary, pressing the **OK** button after each selection.
9. When you are ready to print your greeting card template on plain paper, press the  start button.

Parent topic: [Printing Photo Greeting Cards](#)

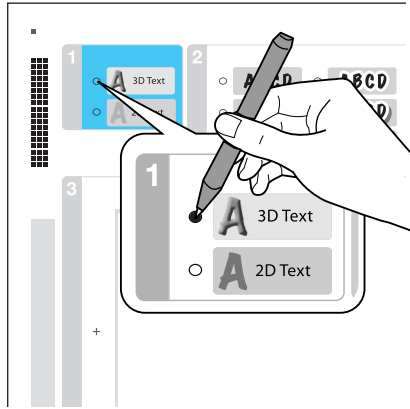
Related tasks

[Printing a Greeting Card from a Template](#)

Printing a Greeting Card from a Template

After your greeting card template is printed, you fill it out to create your card and add your message.

1. Use a dark pen or pencil to fill in the circles and select the Text Style and Text Effects.

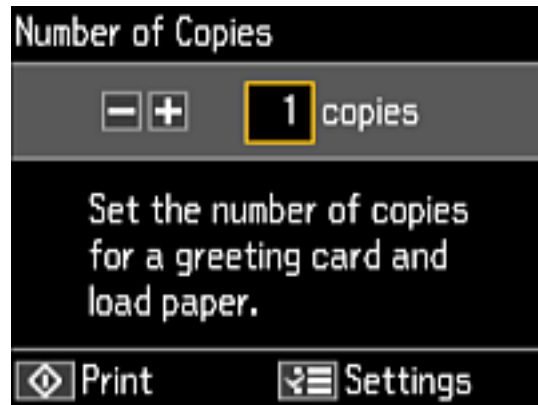




2. Add your greeting card message within the box. You can write it in by hand, print a message and paste it into the box, or draw a picture.


Note: When adding text, place it in the direction that your photo faces.

3. Load photo paper in the rear paper feed slot.
4. Select **Print Greeting Cards from Template** and press the **OK** button. (If you don't see the option, press the **Home** button, and select **Print Photos > Print Photo Greeting Card > Print Greeting Cards from Template**.)
5. Follow the instructions on the LCD screen to place the template facedown on the scanner glass, with the blue triangle facing into the back left corner.
6. Close the document cover and press the **OK** button.

7. When you see the screen below, select from the following options:



- If you want to change the print settings, press the  menu button.
 - To print more than one copy, press the **+** or **-** buttons to select the number (up to 99).
 - If you are finished, press the **OK** button.
8. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

When you finish printing, cut your greeting cards apart, if necessary.

Parent topic: [Printing Photo Greeting Cards](#)

Related references


[Photo Adjustment Options - Memory Card](#)

Related tasks

[Creating and Printing a Greeting Card Template](#)

Printing Photo Layouts from a Memory Card

You can print one or more photos from a memory card in special layouts on various sizes of photo paper.

1. Load photo paper in your product.
2. Press the  home button, if necessary.

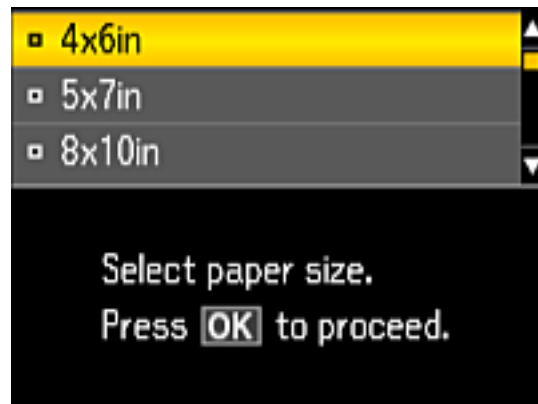
3. Press the arrow buttons to select **Print Photos** and press the **OK** button.
4. Select **Photo Layout Sheet** and press the **OK** button.

You see this screen:



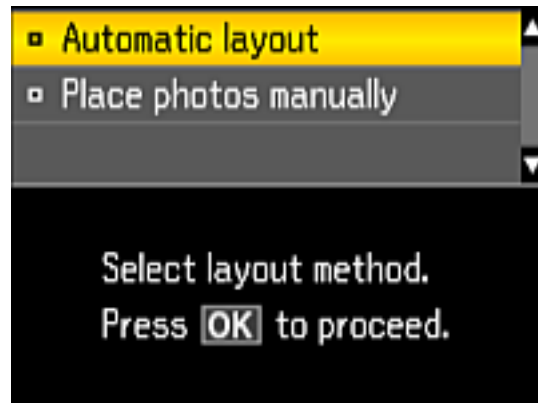
5. Select one of the layout options and press the **OK** button.

You see a screen like this:



6. Select the paper size setting that matches the paper you loaded and press the **OK** button.
7. Select the paper type setting that matches the paper you loaded and press the **OK** button.

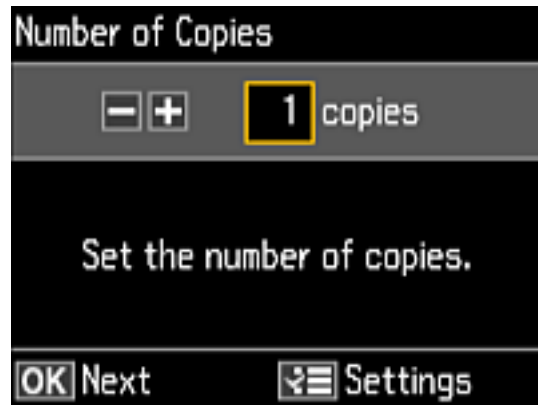
8. If you see the screen below, do one of the following:





- To allow your product to place photos in the layout automatically, select **Automatic Layout** and press the **OK** button. Follow the instructions on the LCD screen to select the photos to print. Press the **OK** button when you're finished.
- To place photos in the layout manually, select **Place Photos Manually** and press the **OK** button. Follow the instructions on the LCD screen to select and place photos on your layout sheet.


Note: If the printer does not automatically advance to the next screen when you're finished placing your photos, select **Finished** and press the **OK** button.

9. When you see the screen below, select from the following options:



- If you want to change the print settings, press the  menu button.
- To print more than one copy, press the **+** or **-** buttons to select the number (up to 99).
- If you are finished, press the **OK** button.

10. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

[Photo Layout Options](#)

Parent topic: [Printing from a Memory Card](#)

Related references

[Print Setting Options - Memory Card](#)

[Photo Adjustment Options - Memory Card](#)

Related tasks

[Loading Paper in the Printer](#)

Photo Layout Options

Select the layout you want to use when printing your photos in a layout.

Picture Package

Prints one photo in multiple sizes on one sheet.

2-up, 4-up, 8-up, or 20-up

Print 2, 4, 8, or 20 photos on one sheet.

Upper ½ or Lower ½

Print one photo in the upper or lower half of the sheet.

Photo ID

Prints 4 ID-sized photos on one sheet.

Jewel Upper

Prints one photo on the upper half of a folded jewel case insert.


Jewel Index

Prints 24 to 48 thumbnail images on a folded jewel case insert.

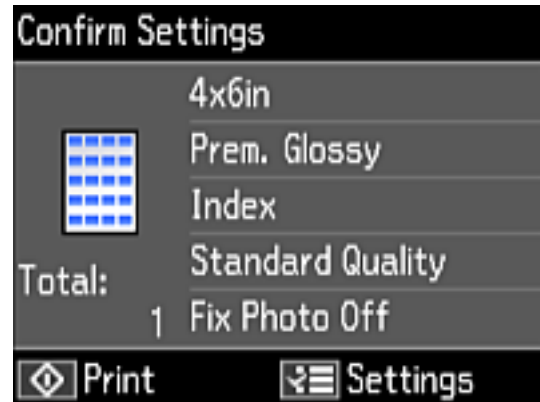
Parent topic: [Printing Photo Layouts from a Memory Card](#)


Printing Photo Proofsheets from a Memory Card

You can print a proof sheet containing small versions of all the photos on your memory card.


1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **Print Proof Sheet** and press the **OK** button.

You see a screen like this:



4. To change any of the print settings displayed on the LCD screen, press the  menu button, select **Print Settings**, press the **OK** button, and select the necessary settings.

5. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

Parent topic: [Printing from a Memory Card](#)

Related references

[Print Setting Options - Memory Card](#)

Transferring Photos on a Memory Card

You can transfer photos to and from a memory card inserted into a memory card slot on your product.

[Transferring Photos from a Memory Card to Your Computer](#)

[Transferring Photos From a Memory Card to an External Device](#)

Parent topic: [Using Memory Cards with Your Product](#)

Transferring Photos from a Memory Card to Your Computer

You can transfer photos to and from a memory inserted into a memory card slot on your product and a computer connected to your product.

Note: Do not transfer photos to and from a memory card while you are printing from the memory card.

1. Make sure your product is connected to a computer.
2. Insert a memory card into a memory card slot on your product.
3. Do one of the following to access your memory card files from your computer:
 - **Windows:** Open the **Computer**, **My Computer**, **Windows Explorer**, or **File Explorer** utility.
 - **Mac:** Look for the removable disk icon on your desktop or computer window.
4. Select the removable disk icon.
5. Select the folder that contains your photos.
6. Drag the photos you want to transfer to the desired folder on your computer or on your memory card.

Note: Your product's LCD screen does not update to display new photos transferred to the memory card. Wait until the memory card access light stops flashing, then remove and insert the memory card to update the photos displayed.

Parent topic: [Transferring Photos on a Memory Card](#)



Related tasks

[Inserting a Memory Card](#)

Transferring Photos From a Memory Card to an External Device

You can back up photos from your memory card to an external storage device connected to the product, such as a USB flash drive or external hard drive.

Note: Epson cannot guarantee the compatibility of your storage device.

1. Insert a memory card into a memory card slot on your product.
2. Insert your USB flash drive or the USB cable for your external drive into the  USB port on the front of your product.
3. Insert storage media (such as a CD) into your drive, if necessary.
4. Press the  home button, if necessary.
5. Press the arrow buttons to select **Back Up Data** and press the **OK** button.
6. Select **Back Up Memory Card** and press the **OK** button.
7. Disconnect the product from your computer and press the **OK** button, then follow the instructions on the screen begin copying files to the external device.
8. When the backup is finished, you can remove your memory card and disconnect the external device.

The files are saved in folders numbered for each backup session.

Parent topic: [Transferring Photos on a Memory Card](#)

Related tasks

[Removing a Memory Card](#)

Using an External Device with Your Product

Follow the instructions in these sections to use your product with an external device, such as a camera, USB flash drive, or other USB device.

[Printing from a Camera Connected to Your Product](#)

[Viewing or Printing from a USB Flash Drive or External Device](#)

Printing from a Camera Connected to Your Product

If you have a digital camera that supports PictBridge printing, you can connect it to the product and print your photos directly from the camera. Check your camera manual to see if it is compatible.

Note: Your photos must be in JPG format and sized from 80 × 80 to 9200 × 9200 pixels. Epson cannot guarantee the compatibility of your camera. Some combinations of paper type, size, and layout may not be supported, depending on your camera and the product settings.

[Selecting Print and Photo Adjustment Settings](#)

[Connecting and Printing from a Camera](#)

Parent topic: [Using an External Device with Your Product](#)

Related tasks

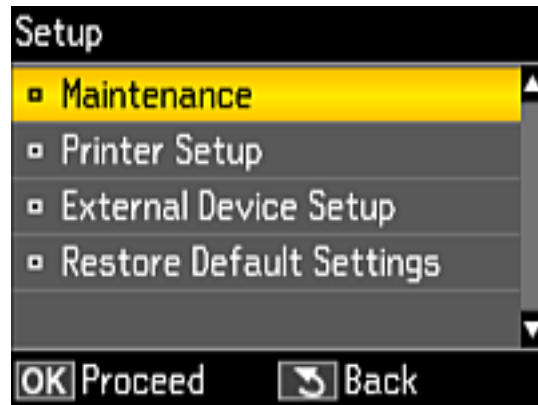
[Connecting and Printing from a Camera](#)

Selecting Print and Photo Adjustment Settings

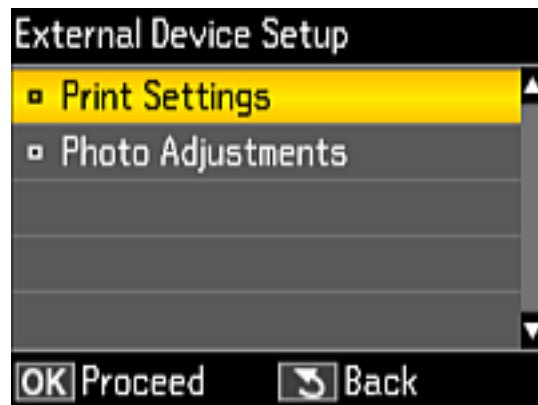
Before printing from your camera, you can make image adjustments and select the print settings for your photos. Image adjustments affect only the printed copy of the photo, not the original file.

1. Press the  home button, if necessary.

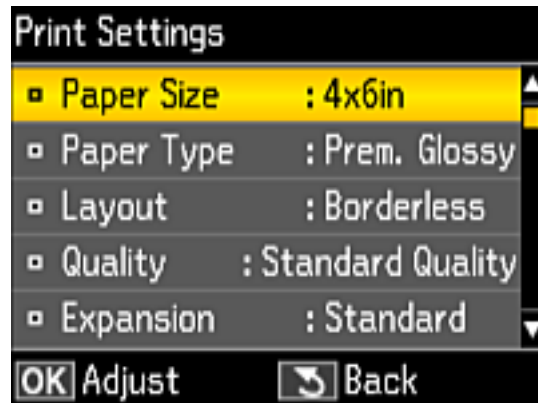
2. Press the arrow buttons to select **Setup** and press the **OK** button.



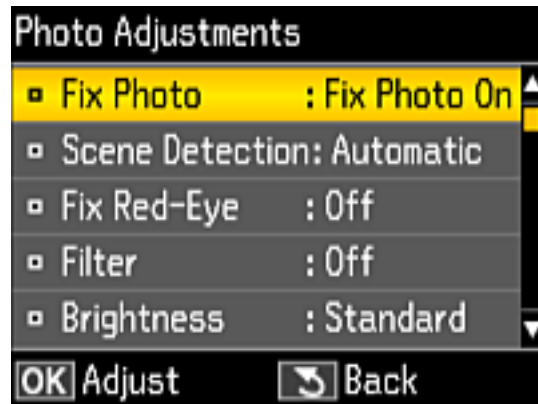
3. Select **External Device Setup** and press the **OK** button.



4. Select **Print Settings** and press the **OK** button.



5. Select the print settings you want to use.
6. When you are done, press the ↵ back button.
7. Select **Photo Adjustments** and press the **OK** button.



8. Select the photo adjustments you want to use, then press the 🏠 home button to exit.
After you select settings, you are ready to connect your camera and print your photos.
[Print Settings - Camera](#)

Photo Adjustments - Camera

Parent topic: [Printing from a Camera Connected to Your Product](#)

Print Settings - Camera

Select these print settings options when printing photos from your camera.

Print settings	Available options	Description
Paper Size	Various paper sizes	Indicates the size of paper you have loaded
Paper Type	Various paper types	Indicates the type of paper you have loaded; see the list of paper types for copying (available options depend on the selected Paper Size setting)
Layout	Borderless	Expands the image to the edge of the paper (slight cropping may occur)
	With Border	Leaves a small margin around the image
	Picture Package	Prints one photo in multiple sizes on one sheet
	1-up, 2-up, 4-up, 8-up, 20-up, and 80-up, Variety	Prints the selected number of photos on one sheet or CD/DVD
	Upper ½ or Lower ½	Prints one photo in the upper or lower half of the sheet
	Photo ID	Prints 4 ID-sized photos on one sheet
	Jewel Upper	Prints one photo on the upper half of a folded jewel case insert
	Jewel Index	Prints 24 to 48 thumbnail images on a folded jewel case insert
Quality	Draft	Provides lower quality for draft printing
	Standard	Provides good quality for most prints
	Best	Provides the highest quality for important prints

Print settings	Available options	Description
Expansion	Standard	Expands images correctly for most borderless prints
	Medium	Expands images slightly less for borderless prints
	Minimum	Expands images the least for borderless prints (you may see some white border)
Date	Off	Does not print the date on which the photo was taken
	On	Prints the date on which the photo was taken
Fit Frame	On	Automatically crops the photo to fit into the selected photo layout
	Off	Turns off automatic cropping
Bidirectional	On	Prints at normal speed
	Off	Slows down printing to improve print quality
CD Inner/Outer	Range of measurements	Selects inner and outer diameter for printing on CDs/DVDs from your camera
CD Density	Standard Density	Adjusts the print density when printing on CDs/DVDs from your camera
	Darker	
	Darkest	

Parent topic: [Selecting Print and Photo Adjustment Settings](#)

Photo Adjustments - Camera

Select these photo adjustment options when printing photos from your camera. The modifications affect only the printed copy of the photo, not the original file.


Photo Adjustments settings	Available options	Description
Fix Photo	Fix Photo On	Automatically adjusts the brightness, contrast, and saturation of the photo based on the Scene Detection setting that is selected
	Fix Photo Off	Turns off automatic adjustments; see Note below
	P.I.M	Uses your camera's PRINT Image Matching or Exif Print adjustments
Scene Detection	Automatic	Optimizes the Fix Photo adjustments for specific types of photos; select the option that best matches your photo content
	People	
	Landscape	
	Night Scene	
Fix Red-Eye	Off	Does not automatically fix the red-eye effect in photos
	On	Automatically fixes the red-eye effect in photos
Filter	Off	Turns off the filter setting
	Sepia	Applies a sepia tone filter to the viewed or printed photo
	B&W	Applies a black-and-white filter to the viewed or printed photo
Brightness	Various settings	Adjust individual qualities in your photo
Contrast		
Sharpness		
Saturation		

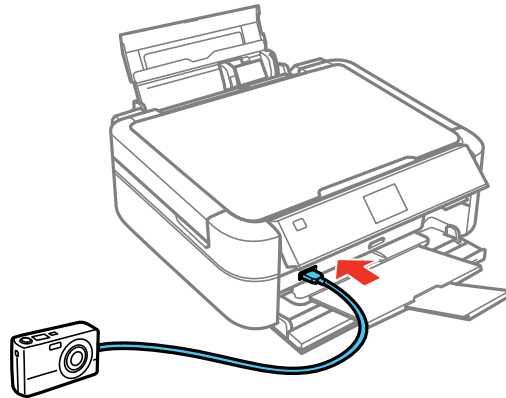
Note: **Fix Photo** uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Parent topic: [Selecting Print and Photo Adjustment Settings](#)

Connecting and Printing from a Camera

Before you connect your camera, make sure the product is turned on but not printing.

1. Remove any memory cards from the product.
2. Load the paper you want to use for printing.
3. Connect the USB cable that came with your camera to the  USB port on the front of your product.



Note: You cannot use the USB port to transfer images from your camera to your computer.

4. Turn on your camera.
5. Follow the instructions that came with your camera to select and print your photos.

When you finish printing, turn off your camera and disconnect it from the product.

Parent topic: [Printing from a Camera Connected to Your Product](#)

Related tasks

[Loading Paper in the Printer](#)

[Removing a Memory Card](#)

Viewing or Printing from a USB Flash Drive or External Device

You can view and print photos from a USB flash drive or other external USB device, such as an external hard drive or CD/DVD burner.

Note: Make sure the files on your device are compatible with the product.

[USB Device File Specifications](#)

[Connecting and Using a USB Flash Drive or External Device](#)

Parent topic: [Using an External Device with Your Product](#)

USB Device File Specifications

You can print external device files that meet these specifications.



File format	JPEG with the Exif version 2.3 standard
Image size	80 × 80 pixels to 9200 × 9200 pixels
File size	Up to 2GB
Number of files	Up to 9990

Parent topic: [Viewing or Printing from a USB Flash Drive or External Device](#)

Connecting and Using a USB Flash Drive or External Device

Before you connect your thumb drive or device, make sure the product is turned on but not printing.

Note: Epson cannot guarantee the compatibility of your drive.

1. Remove any memory cards from the product.
2. Load the paper you want to use for printing.
3. Insert your USB thumb drive or the USB cable that came with your device into the  USB port on the front of your product.
4. Insert storage media (such as a CD) into your drive, if necessary.
5. Press the  home button, if necessary.
6. Press the arrow buttons to select **Print Photos** and press the **OK** button.
7. Select **View and Print Photos** and press the **OK** button
8. Select the photos to print from the LCD screen.

When you finish printing, make sure the access light on the drive is not flashing, then remove or disconnect it from the product.

Caution: Do not remove the USB drive or turn off the product when the access light is flashing, or you may lose photos on the drive.

Parent topic: [Viewing or Printing from a USB Flash Drive or External Device](#)

Related tasks

[Removing a Memory Card](#)

[Loading Paper in the Printer](#)

Related topics

[Viewing and Printing Photos](#)

Printing on CDs/DVDs

Follow the instructions in this section to print a design onto ink jet-printable CDs or DVDs to create a custom label.

[CD/DVD Printing Features](#)

[Loading a CD/DVD](#)

[Removing a Printed CD/DVD](#)

[Placing a CD/DVD on the Scanner Glass](#)

[Copying onto a CD/DVD](#)

[Printing Photos from a Memory Card Onto a CD/DVD](#)

[Printing a Jewel Case Insert from a Memory Card](#)

[Printing on CDs/DVDs from a Computer](#)

CD/DVD Printing Features

You can use any of the following features to print custom CD/DVD/Blu-ray Disc labels and accessories:

- Copy an existing label onto a new CD/DVD/Blu-ray Disc
- Use your product's control panel to print photos from a memory card onto a CD/DVD/Blu-ray Disc
- Print text and images from your computer using the Epson Print CD software

You can also use your product's control panel to create a jewel case insert with photos from a memory card.

Parent topic: [Printing on CDs/DVDs](#)

Related tasks

[Copying onto a CD/DVD](#)

[Printing Photos from a Memory Card Onto a CD/DVD](#)

[Printing a Jewel Case Insert from a Memory Card](#)

Related topics

[Printing on CDs/DVDs from a Computer](#)

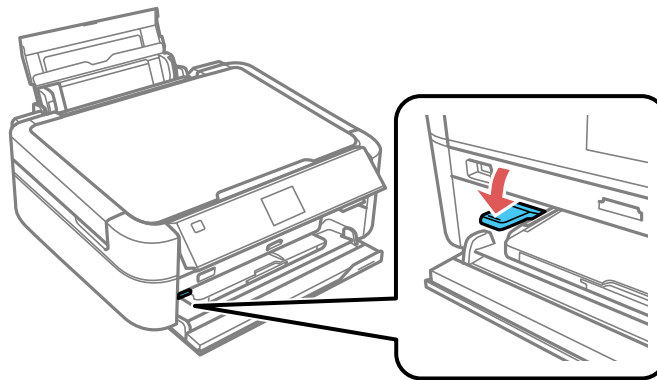
Loading a CD/DVD

You can print on any compatible, ink jet-printable CDs or DVDs, including Blu-ray Discs.

Caution: Do not turn the product off or on with the CD/DVD tray inserted. Do not insert the CD/DVD tray while the product is printing or performing other operations. Otherwise, your product may be damaged or the surface of the CD/DVD may become dirty or scratched.

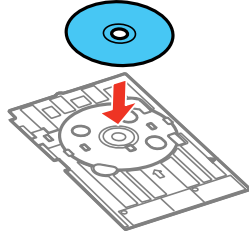
Note: If you are using discs where the printable area extends to within 0.16 inch (4 mm) of the center hole, you may need to adjust the inner diameter setting using the control panel or Epson Print CD software.

1. Burn your files, music, or video onto your disc before printing on it.
2. Make sure the product is turned on.
3. Open the front cover.
4. Remove any paper from the output tray and make sure the output tray is closed.
5. Lower the tray lever.

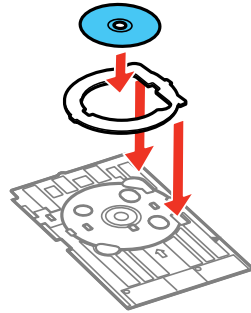


Caution: Do not move the tray lever while the product is printing.

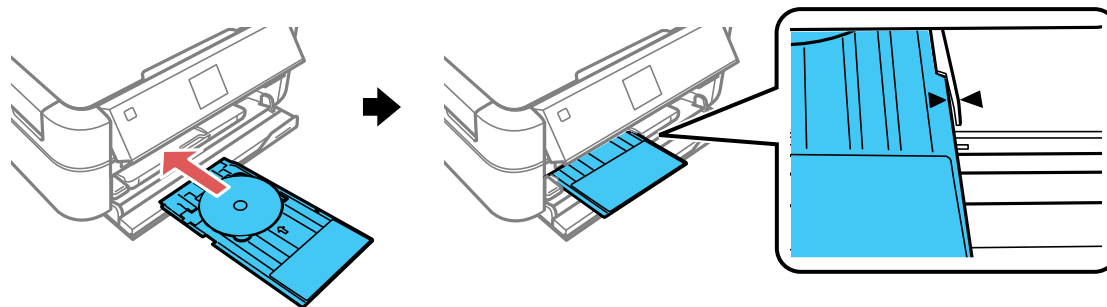
6. Place a CD or DVD on the CD/DVD tray with the printable side faceup.



Note: For small 8-cm discs, place the adapter on the tray and then place the disc in the adapter.



7. Gently insert the CD/DVD tray into the CD/DVD feed tray. Push in the tray until the arrows on the tray and the feed tray are aligned.

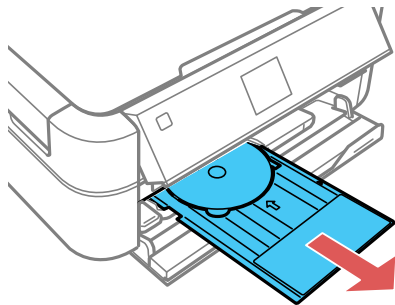


Parent topic: [Printing on CDs/DVDs](#)

Removing a Printed CD/DVD

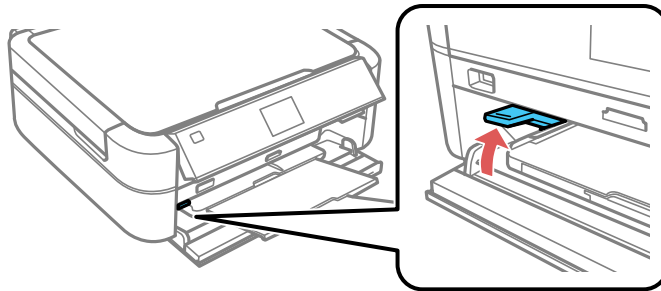
After your CD or DVD is printed, the tray ejects partially from the product.

1. Pull the CD/DVD tray out of the product and remove your CD or DVD from the tray.



Note: Store the CD/DVD tray on a flat surface to prevent it from warping.

2. Raise the tray lever.



Caution: Do not move the tray lever while the product is printing.

After printing, handle the CD or DVD carefully. You may need to wait up to 24 hours for the ink to dry fully before inserting it in a drive, depending on the type of disc you used. Keep printed discs away from moisture and direct sunlight.

Parent topic: [Printing on CDs/DVDs](#)

Placing a CD/DVD on the Scanner Glass



You can place a CD or DVD on the scanner glass and copy the label design onto another CD or DVD.

1. Open the document cover.
2. Place your CD or DVD facedown in the center of the scanner glass.
3. Close the document cover gently to keep your disc in place.

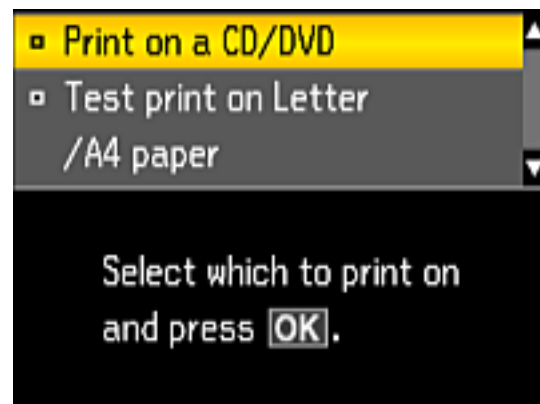
Parent topic: [Printing on CDs/DVDs](#)

Copying onto a CD/DVD

You can copy a printed photo or CD/DVD label directly onto an ink jet-printable CD or DVD. If you want, you can first print a test design on plain paper.

1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Copy** and press the **OK** button.
3. Press the  menu button, select **CD/DVD Copy** and press the **OK** button.
4. Follow the instructions on the LCD screen to place your original CD, DVD, or photo on the scanner glass and press the **OK** button.
5. If necessary, adjust the inner and outer diameter of your CD as shown on the screen, and press the **OK** button.

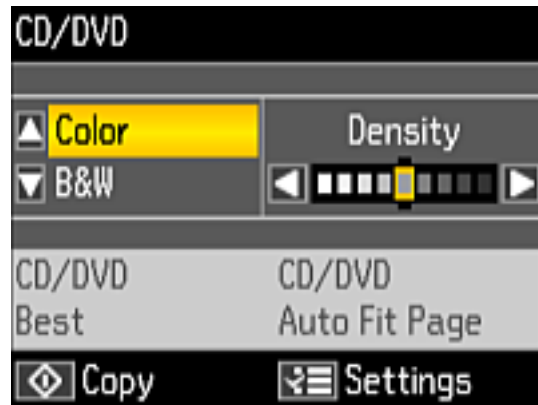
You see this screen:





6. Select **Print on a CD/DVD** and press the **OK** button.

Note: You can also select **Test print on Letter/A4 paper** to print a test page of your design on plain paper before printing on a CD/DVD.

7. Load the CD, DVD, or plain paper you want to print on.
8. Follow the instructions on the LCD screen until you see this screen:



9. Select any copy settings as needed.
10. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

Parent topic: [Printing on CDs/DVDs](#)

Related tasks


[Loading a CD/DVD](#)

[Placing a CD/DVD on the Scanner Glass](#)

[Placing Originals on the Scanner Glass](#)

Printing Photos from a Memory Card Onto a CD/DVD

You can print one or more photos from a memory card directly onto a CD/DVD. If you want, you can first print a test design on plain paper.

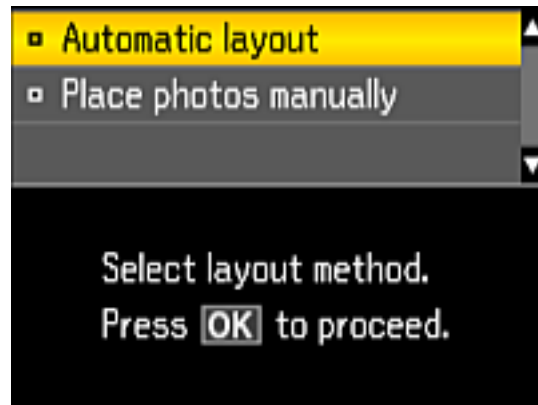
1. Insert a memory card into a memory card slot on your product.
2. Press the  home button, if necessary.
3. Press the arrow buttons to select **Print Photos** and press the **OK** button.
4. Select **Print on CD/DVD** and press the **OK** button.

You see this screen:



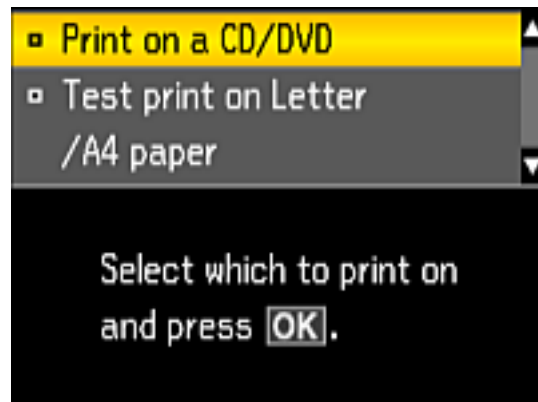
5. Select a layout and press the **OK** button.

6. If you see the screen below, do one of the following:



- To allow your product to place photos in the layout automatically, select **Automatic Layout** and press the **OK** button.
 - To place photos in the layout manually, select **Place Photos Manually** and press the **OK** button.
7. Follow the instructions on the screen to select your photo or photos.
8. When you see the screen to adjust the inner and outer diameter of your CD or DVD, adjust the settings if necessary, and press the **OK** button.

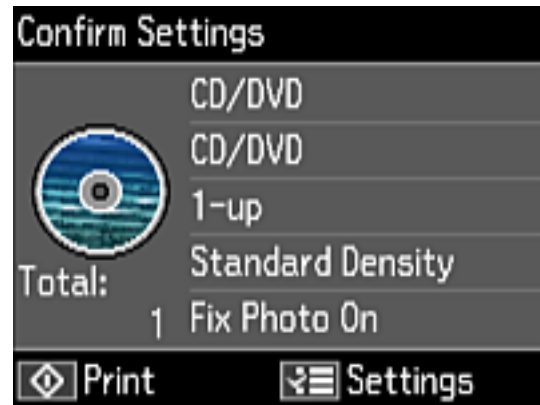
You see this screen:





9. Select **Print on a CD/DVD** and press the **OK** button.

Note: You can also select **Test print on Letter/A4 paper** to print a test page of your design on plain paper before printing on a CD/DVD.

10. Load the CD, DVD, or plain paper you want to print on.
11. Follow the instructions on the LCD screen until you see this screen:



12. Select any print settings as needed.
13. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

Parent topic: [Printing on CDs/DVDs](#)


Related tasks

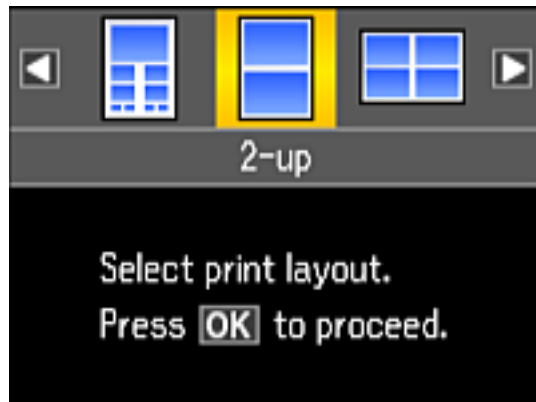
[Inserting a Memory Card](#)


[Loading a CD/DVD](#)


Printing a Jewel Case Insert from a Memory Card

You can print a photo from a memory card, automatically sized to fit on a CD/DVD jewel case insert. You can also print thumbnail images formatted to fit on a jewel case insert. After the insert is printed, you can cut and fold it to fit.

1. Insert a memory card into a memory card slot on your product.
2. Load the paper you want to print on.
3. Press the  home button, if necessary.
4. Press the arrow buttons to select **Print Photos** and press the **OK** button.
5. Select **Photo Layout Sheet** and press the **OK** button.



6. Select one of the following and press the **OK** button:
 - **Jewel Upper** to print one photo on the upper half of the insert.
 - **Jewel Index** to print 24 or 48 thumbnail images on the insert.
7. Select your paper size and type, and press the **OK** button.
8. Follow the instructions on the LCD display to select your photos and set the number of copies.
9. When you are ready to print, press the  start button.

Note: To cancel printing, press the  stop button.

10. After your insert is printed, cut and fold it following the crop lines.

Parent topic: [Printing on CDs/DVDs](#)

Related tasks

[Inserting a Memory Card](#)

[Loading Paper in the Printer](#)

Printing on CDs/DVDs from a Computer

Before printing directly on CDs or DVDs from your computer, make sure you have set up your product as described on the *Start Here* sheet and installed the Epson Print CD software.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

[Starting Epson Print CD - Windows](#)

[Starting Epson Print CD - Mac](#)

[Printing Your CD/DVD Design - Windows](#)

[Printing Your CD/DVD Design - Mac](#)

Parent topic: [Printing on CDs/DVDs](#)

Related tasks

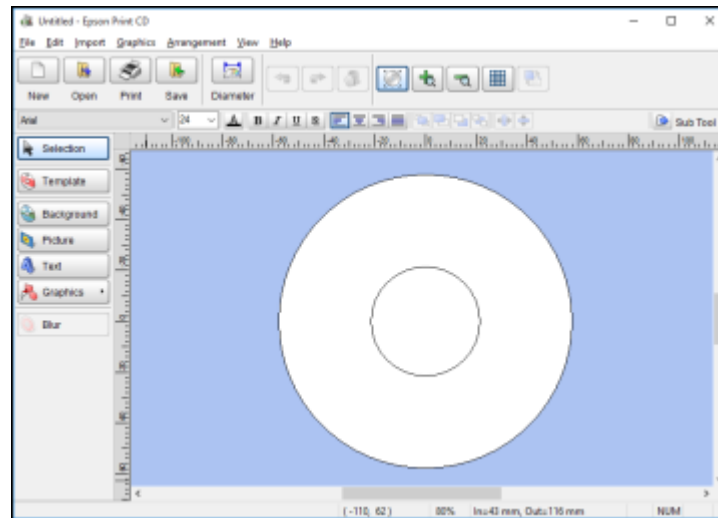
[Loading a CD/DVD](#)

Starting Epson Print CD - Windows

You can use Epson Print CD to design your disc by importing photos, adding text, and creating special effects.

1. Select the Epson Print CD icon on your Windows Desktop.

You see a screen like this:



2. Use the buttons on the left side of the screen to select a pre-designed template or add a background image, picture, text, or graphic elements. For more information, select the **Help** menu.
3. When you are finished creating your design, click **Save** and save your design file.

Parent topic: [Printing on CDs/DVDs from a Computer](#)

Related tasks

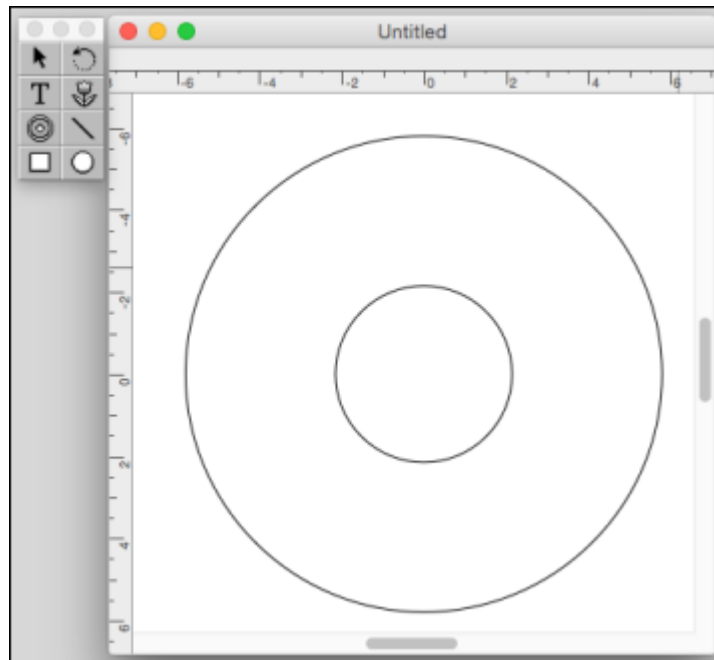
[Printing Your CD/DVD Design - Windows](#)

Starting Epson Print CD - Mac

You can use Epson Print CD to design your disc by importing photos, adding text, and creating special effects.

1. Open the Epson Print CD program in the **Applications > Epson Software > Print CD** folder on your Mac.

You see a screen like this:



2. Use the icons on the left side of the screen to add a background image, picture, text, or graphic elements.
3. When you are finished creating your design, make sure you save it.

Parent topic: [Printing on CDs/DVDs from a Computer](#)

Related tasks

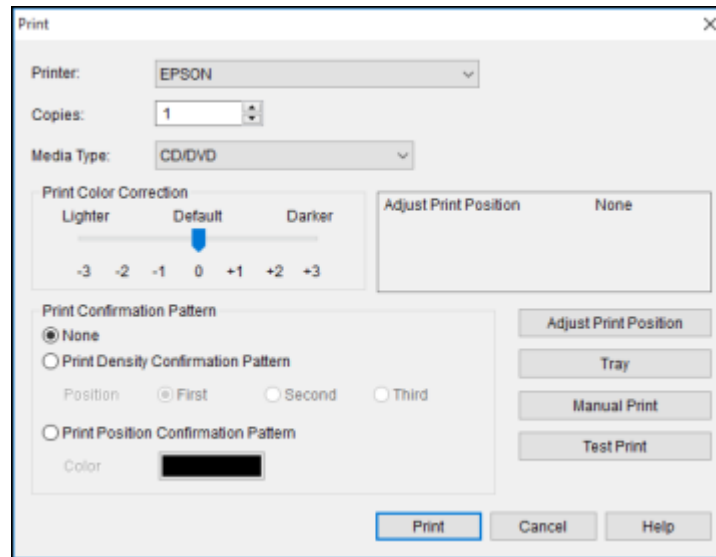
[Printing Your CD/DVD Design - Mac](#)

Printing Your CD/DVD Design - Windows

After you create your design, you can print it on paper to test it, then print it on the CD or DVD that contains your data, photos, video, or music. Make sure the disc is loaded for printing before you start.

1. Open your file in Epson Print CD and click **Print**.

You see a screen like this:



2. Make sure your product is selected as the **Printer** setting.
3. To see how your design will look without printing on the disc, click **Test Print** and follow the instructions on the screen.
4. When you are ready to print on the disc, click the **Print** button on the screen.
5. Click **Print**.

Note: If you need to adjust the print position or print quality, see the Epson Print CD Help utility for instructions.

Parent topic: [Printing on CDs/DVDs from a Computer](#)

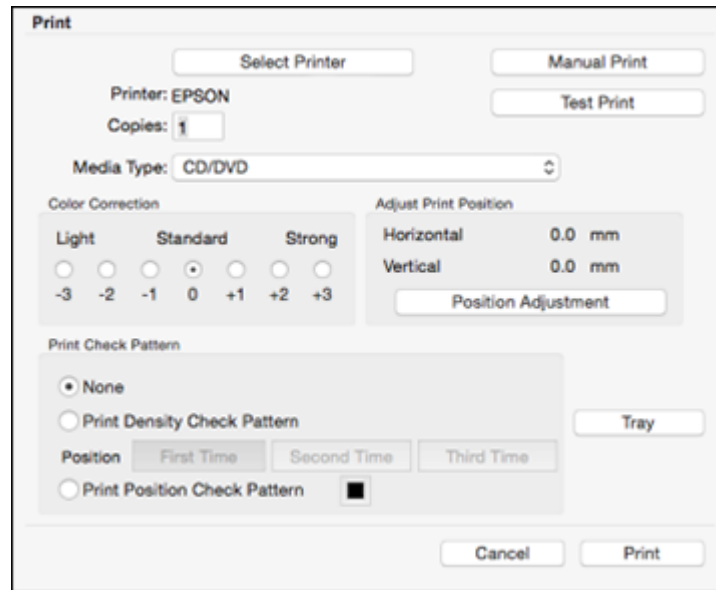
Related tasks

[Starting Epson Print CD - Windows](#)

Printing Your CD/DVD Design - Mac

After you create your design, you can print it on paper to test it, then print it on the CD or DVD that contains your data, photos, video, or music. Make sure the disc is loaded for printing before you start.

1. Open your file in Epson Print CD and select **Print** from the File menu.
You see a screen like this:



2. Make sure your product is selected as the **Printer** setting.
3. To see how your design will look without printing on the disc, select **Test Print** and follow the instructions on the screen.
4. When you are ready to print on the disc, click the **Print** button on the screen.

Note: If you need to adjust the print position or print quality, see the Epson Print CD Help utility for instructions.

Parent topic: [Printing on CDs/DVDs from a Computer](#)

Related tasks

[Starting Epson Print CD - Mac](#)

Refilling Ink

When the ink level is below the lower line on an ink tank, you need to refill it.

Before checking the ink level or refilling an ink tank as described here, be sure to read the ink safety precautions.

Caution: If the ink level is below the lower line on the ink tank, fill it to the upper line on the ink tank. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

[Ink Safety Precautions](#)

[Check Ink Levels](#)

[Purchase Epson Ink](#)

[Refilling the Ink Tanks](#)

Ink Safety Precautions

Note: The product has a low ink alert system. The accuracy of this system depends on the user refilling the ink tanks correctly. The product cannot directly measure the ink levels in the tanks; instead it estimates the amount of ink remaining by internally monitoring ink usage. The low ink alert system may generate inaccurate messages if the ink tanks are not refilled according to these instructions.

As a precaution, perform regular visual inspections of the ink tanks to ensure ink levels do not fall below the lower line. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Ink Handling Precautions

- Keep ink bottles and the ink tank unit out of the reach of children. Do not allow children to drink from or handle the ink bottles and bottle caps.
- Do not tilt or shake an ink bottle after opening it; otherwise, ink may leak.
- If ink gets on your skin, wash it thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If ink gets into your mouth, spit it out and see a doctor right away.

Ink Refilling Precautions

- Use ink bottles with the correct part number for this product.

- The use of non-Epson ink may cause damage that is not covered by Epson's warranty, and under certain circumstances, may cause erratic product behavior.
- This product requires careful handling of ink. Ink may splatter when the ink tanks are filled or refilled with ink. If ink gets on your clothes or belongings, it may not come off.
- Do not open the ink bottle package until you are ready to fill an ink tank. Ink bottles are vacuum packed to maintain reliability. If you leave an ink bottle unpacked for a long time before using it, print quality may be affected.
- If the ink level is below the lower line on the ink tank, refill the ink. Continued use of the product when the ink level is below the lower line on the ink tank could damage the product.
- Epson recommends filling all ink tanks to the upper line when the product is not operating to reset the ink levels.
- After bringing an ink bottle inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Store ink bottles in a cool, dark place.
- Store the ink bottles in the same environment as the product. When storing or transporting an opened ink bottle, do not tilt the bottle and do not subject it to impacts or temperature changes. Otherwise, ink may leak even if the cap on the ink bottle is tightened securely. Be sure to keep the ink bottle upright when tightening the cap, and take measures to prevent ink from leaking when you transport the bottle.

Ink Bottle and Ink Tank Information

- To maintain optimum print head performance, some ink is consumed from all ink tanks during printing and when performing maintenance operations, such as cleaning the print head.
- The ink bottles may contain recycled materials, but this does not affect product function or performance.
- When printing in monochrome or grayscale, color ink may be used instead of black ink, depending on the paper type or print quality settings. This is because a mixture of color inks is used to create black.

Parent topic: [Refilling Ink](#)

Check Ink Levels

Your product and its printing software will let you know when an ink tank is low or expended.

[Checking Ink Levels](#)

[Checking Ink Levels with Windows](#)

[Checking Ink Levels - Mac](#)

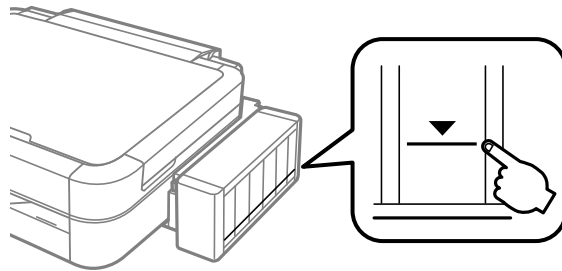
Parent topic: [Refilling Ink](#)

Related tasks

[Refilling the Ink Tanks](#)

Checking Ink Levels

You can visually check the ink levels in the product's ink tanks. Make sure the ink levels are above the lower lines on the ink tanks.



Note: Your product also displays a message on the LCD screen when an ink tank is low or needs to be refilled.



Note: The product has a low ink alert system. The accuracy of this system depends on the user refilling the ink tanks correctly. The product cannot directly measure the ink levels in the tanks; instead it estimates the amount of ink remaining by internally monitoring ink usage. The low ink alert system may generate inaccurate messages if the ink tanks are not refilled according to these instructions.

As a precaution, perform regular visual inspections of the ink tanks to ensure ink levels do not fall below the lower line. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

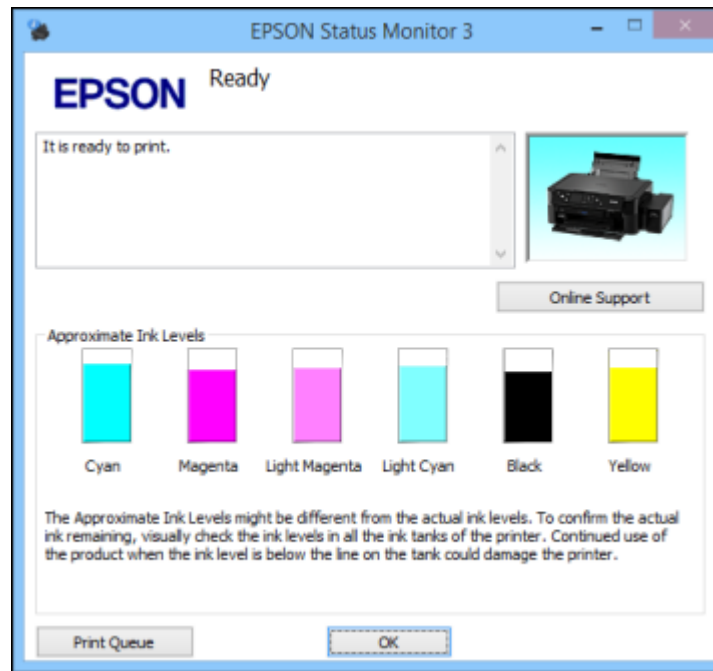
Parent topic: [Check Ink Levels](#)

Checking Ink Levels with Windows

A low ink reminder appears if you try to print when ink is low, and you can check your ink levels at any time using a utility on your Windows computer.

1. To check your ink levels, access the Windows Desktop and double-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and double-click .

You see a window like this:



2. Refill any ink tank as needed.

Note: The ink levels displayed are an estimate and may differ from the actual ink remaining in the ink tanks. To confirm the actual remaining ink, visually check the ink levels in the ink tanks. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

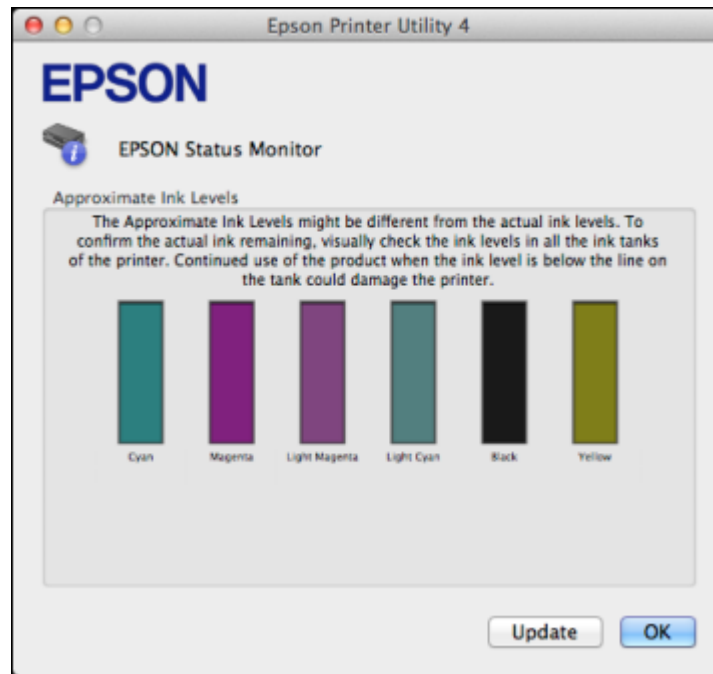
Parent topic: [Check Ink Levels](#)

Checking Ink Levels - Mac

You can check your ink levels using a utility on your Mac.

1. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **EPSON Status Monitor**.

You see a window like this:



3. Refill any ink tank as needed.

Note: To update or refresh the displayed ink levels, click **Update**.

Note: The ink levels displayed are an estimate and may differ from the actual ink remaining in the ink tanks. To confirm the actual remaining ink, visually check the ink levels in the ink tanks. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Parent topic: [Check Ink Levels](#)

Purchase Epson Ink

You can purchase genuine Epson ink and paper from an Epson authorized reseller. To find the nearest reseller, visit epson.com.jm or call your nearest Epson sales office.

Note: This product was originally designed to work with genuine Epson inks. Your product may not function properly if you use other types of ink and may affect Epson's warranty.

The included ink bottles must be used for printer setup and are not for resale. The printer ships with full ink bottles and part of the ink from the first bottles is used to charge the print head. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature.

The ink bottles that came with your printer have a lower yield due to the ink charging process. This process is carried out the first time you turn on the printer and guarantees better performance. Do not load paper before refilling the ink tanks.

[Ink Bottle Part Numbers](#)

Parent topic: [Refilling Ink](#)

Ink Bottle Part Numbers

Use these part numbers when you purchase new ink bottles, and use the ink by the date printed on the package:

Ink color	Part number
Black	T6731
Cyan	T6732
Magenta	T6733
Yellow	T6734
Light Cyan	T6735
Light Magenta	T6736

Parent topic: [Purchase Epson Ink](#)

Refilling the Ink Tanks

Make sure you have new ink bottles handy and have read the ink safety precautions before you begin.

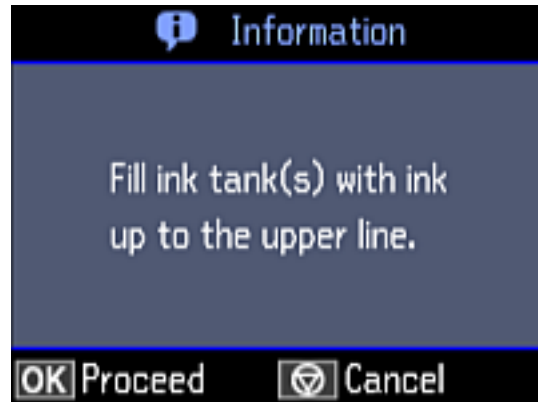
You can continue to use the product even if one or more ink tanks are not filled all the way. However, to keep your product operating at its best, fill all the ink tanks up to the top line.

Caution: Wear plastic gloves while refilling the ink tanks to avoid staining your hands.

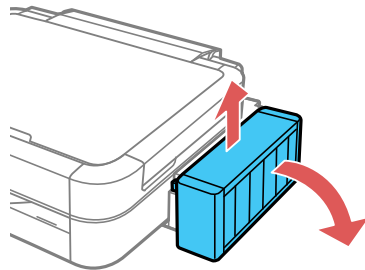
1. Place a sheet of paper under the ink tank area in case of spills.

2. Turn on your product.
3. If you see a message on the LCD screen indicating for you to reset the ink levels, note the ink tanks that need refilling and press the **OK** button. Otherwise, select **Setup > Maintenance > Reset Ink Levels** and press the \diamond start button.

You see this window:

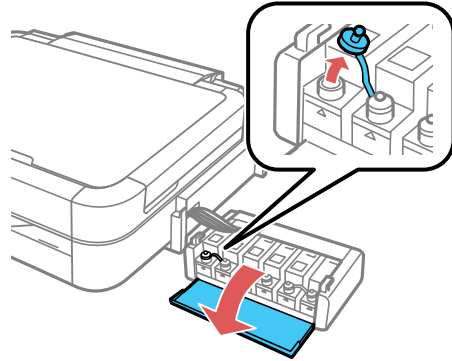


4. Unhook the ink tank unit from the product and lay it down.

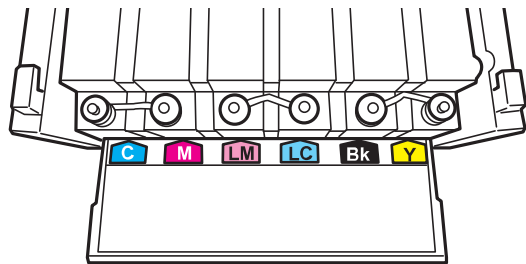


Caution: Do not pull on the ink tubes.

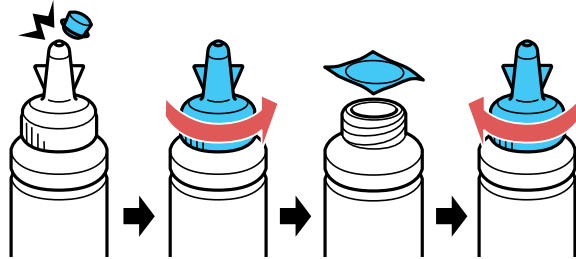
5. Open the ink tank unit cover, then remove the ink tank's cap.



Note: Make sure the color of the ink tank matches the ink color you want to refill, and only remove the cap from that ink tank. Be careful not to spill any ink.

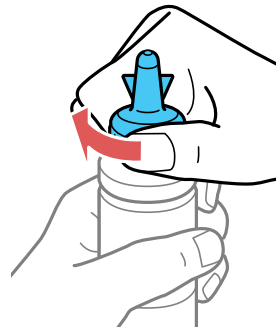


6. Snap off the tip of the bottle cap, but do not dispose of the bottle cap tip so you can use it to seal the bottle cap later, if necessary. Then remove the cap, remove the seal from the bottle, and replace the cap on the bottle.

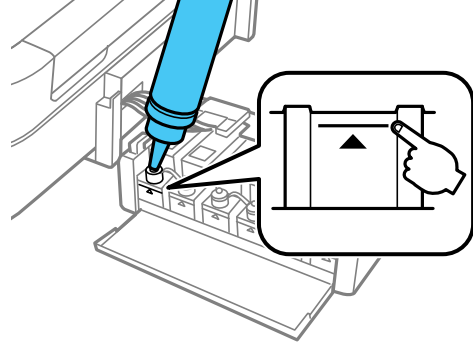


Note: Make sure the color of the ink bottle matches the ink color you want to refill.

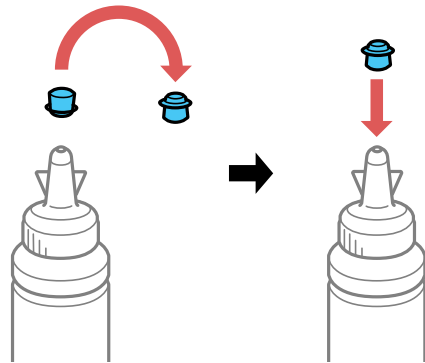
Caution: Close the bottle cap tightly; otherwise, ink may leak.



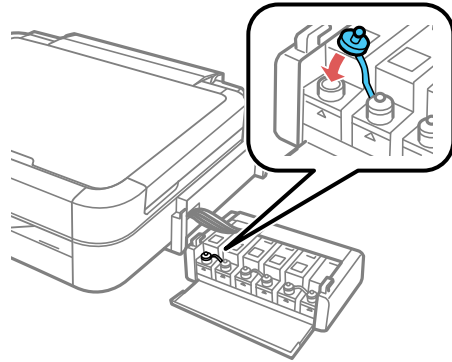
7. Refill the ink tank with the correct color ink up to the upper line on the ink tank.



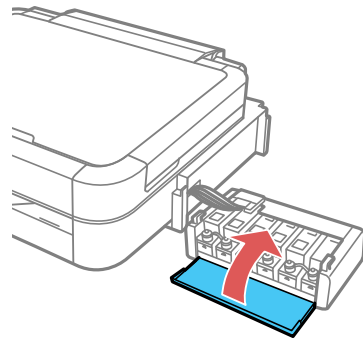
8. If any ink remains in the ink bottle after filling the ink tank, place the bottle cap tip securely on the bottle cap and store the ink bottle upright for later use.



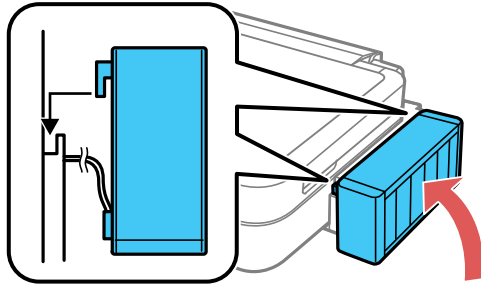
9. Place the cap securely on the ink tank.



10. Repeat the previous steps as necessary for each ink color you need to refill.
11. Close the ink tank unit cover.

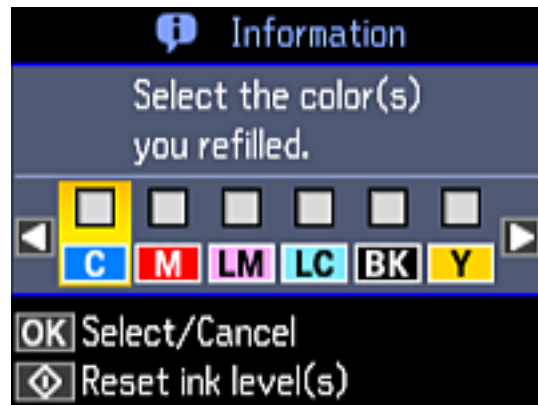


12. Hook the ink tank unit onto the product.



13. Press the **OK** button.

You see a window like this:



14. Follow the instructions on the LCD screen to select and reset the ink levels of the ink tanks you refilled.

Note: You can reset the ink levels even if you did not fill the ink tank to the upper line. However, the low ink alert system may not accurately report remaining ink.

Parent topic: [Refilling Ink](#)

Related concepts
[Purchase Epson Ink](#)

Adjusting Print Quality

If your print quality declines, you may need to run a utility to clean or align the print head.

[Print Head Maintenance](#)

[Print Head Alignment](#)

[Cleaning the Paper Path](#)

[Checking the Number of Sheets](#)

Print Head Maintenance

If your printouts become too light, or you see dark or light bands across them, you may need to clean the print head nozzles. Cleaning uses ink, so clean the nozzles only if print quality declines.

You can check for clogged nozzles before you clean them so you don't clean them unnecessarily.

Note: You may not be able to clean the print head when the ink level in any of the tanks is low. You may have to refill the ink tank first.

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Power Ink Flushing](#)

Parent topic: [Adjusting Print Quality](#)

Related topics

[Refilling Ink](#)

Print Head Nozzle Check

You can print a nozzle check pattern to check for clogged nozzles.

[Checking the Nozzles Using the Product Control Panel](#)


[Checking the Nozzles Using a Computer Utility](#)

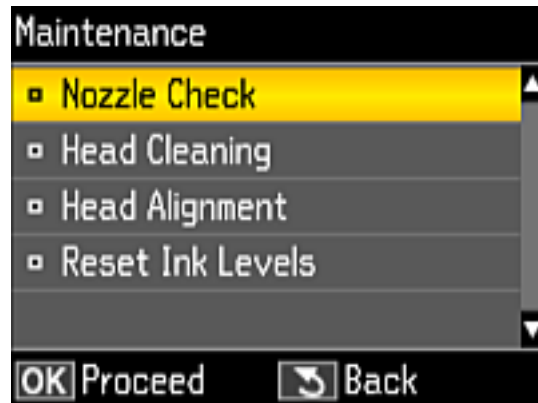
Parent topic: [Print Head Maintenance](#)

Checking the Nozzles Using the Product Control Panel

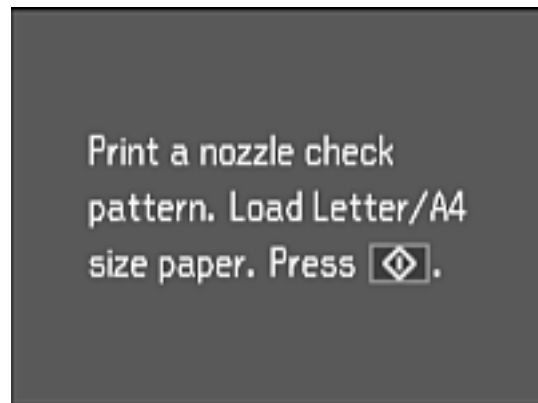
You can check the print head nozzles using the control panel on your product.


1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.

3. Press the  home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.



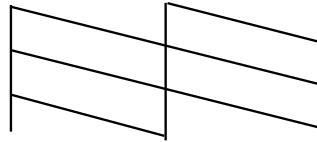
6. Select **Nozzle Check** and press the **OK** button.



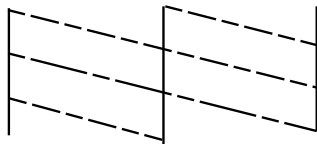
7. Press the  start button.
The nozzle check pattern is printed.

8. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



9. Do one of the following:
 - If there are no gaps, the print head is clean. Select **Finish Nozzle Check** and press the **OK** button.
 - If there are gaps or the pattern is faint, select **Head Cleaning** and press the **OK** button.
10. Follow the instructions on the screen to clean the print head.

If you don't see any improvement after cleaning the print head up to 3 times, turn the product off and wait at least 12 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: [Print Head Nozzle Check](#)

Related tasks

[Cleaning the Print Head Using the Product Control Panel](#)



[Loading Paper in the Printer](#)

Related topics

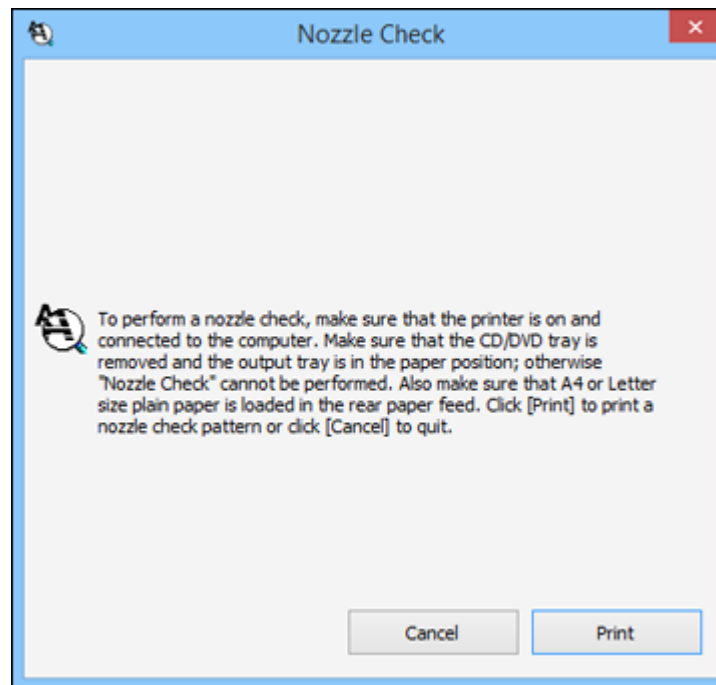
[Refilling Ink](#)

Checking the Nozzles Using a Computer Utility

You can check the print head nozzles using a utility on your Windows or Mac computer.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
 - **Mac:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Nozzle Check**.

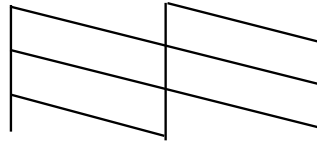
You see a window like this:



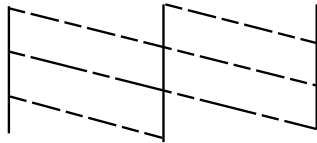
5. Click **Print**.

6. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



7. If there are no gaps, click **Finish**.

If there are gaps or the pattern is faint, clean the print head.

Parent topic: [Print Head Nozzle Check](#)

Related tasks

[Cleaning the Print Head Using a Computer Utility](#)

[Loading Paper in the Printer](#)

Related topics

[Refilling Ink](#)

Print Head Cleaning

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head.

Note: You may not be able to clean the print head when the ink level in any of the tanks is low. You may have to refill the ink tank first.

[Cleaning the Print Head Using the Product Control Panel](#)

[Cleaning the Print Head Using a Computer Utility](#)


Parent topic: [Print Head Maintenance](#)

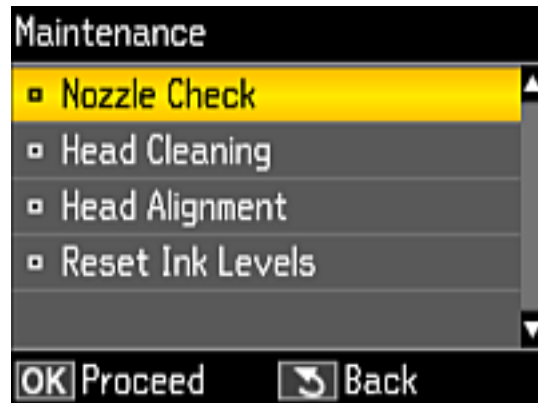
Related topics

[Refilling Ink](#)

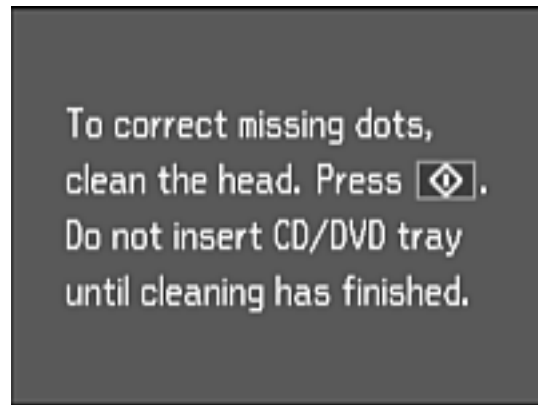
Cleaning the Print Head Using the Product Control Panel


You can clean the print head nozzles using the control panel on your product.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Press the  home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.




6. Select **Head Cleaning** and press the **OK** button.



7. Press the  start button to clean the print head. You see a message on the LCD screen during the cleaning cycle.

Caution: Never turn off the product or open the scanner unit during a cleaning cycle or you may not be able to print.

When the cleaning cycle is finished, you see a message on the display screen.

8. Select **Nozzle Check** and press the **OK** button. Press  start to run a nozzle check and confirm that the print head is clean.

If you don't see any improvement after cleaning the print head up to 3 times, turn the product off and wait at least 12 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: [Print Head Cleaning](#)

Related tasks

[Checking the Nozzles Using the Product Control Panel](#)



[Loading Paper in the Printer](#)

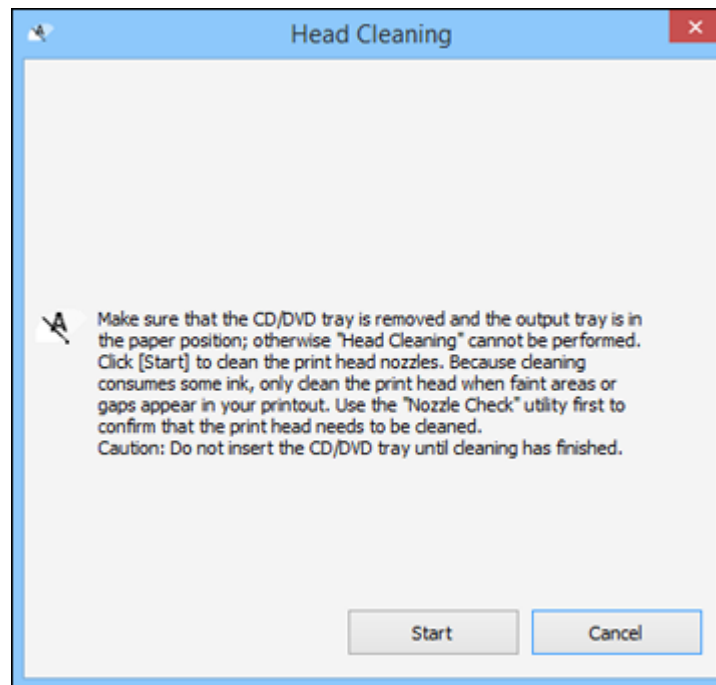
Related topics

[Refilling Ink](#)

Cleaning the Print Head Using a Computer Utility

You can clean the print head using a utility on your Windows or Mac computer.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
 - **Mac:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Head Cleaning**.
You see a window like this:

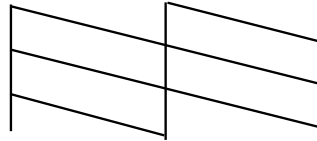


5. Click **Start** to begin the cleaning cycle.

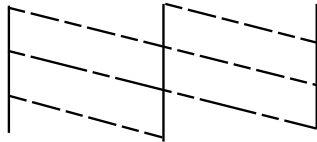
Caution: Never turn off the product or open the scanner unit during a cleaning cycle or you may not be able to print.

6. When the cleaning cycle is finished, you can check to see if the nozzles are clean; click **Print Nozzle Check Pattern** and click **Print**.
7. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



- If there are no gaps, click **Finish**.
- If there are gaps or the pattern is faint, click **Clean** to clean the print head again.

If you don't see any improvement after cleaning the print head up to 3 times, turn off the product and wait at least 12 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: [Print Head Cleaning](#)

Related tasks

[Checking the Nozzles Using a Computer Utility](#)

[Loading Paper in the Printer](#)

Related topics

[Refilling Ink](#)

Power Ink Flushing

If you have not used the product for a long time and see white or dark lines or missing colors in your printouts, even after cleaning the print head several times, you can flush the ink tubes.

Note: After a Power Ink Flushing, you must turn off the product and wait at least 12 hours before printing again.

Caution: Power Ink Flushing consumes a lot of ink and should be performed only if necessary. Refill the ink tanks before performing a Power Ink Flushing.

Caution: Power Ink Flushing affects the service life of the ink pads by causing them to reach their capacity sooner. Contact Epson to purchase replacement ink pads before they reach the end of their service life. When the ink pads reach the end of their service life, the product stops printing and you must contact Epson for support.

[Flushing the Ink Using a Computer Utility](#)

Parent topic: [Print Head Maintenance](#)

Related topics



[Refilling Ink](#)

Flushing the Ink Using a Computer Utility

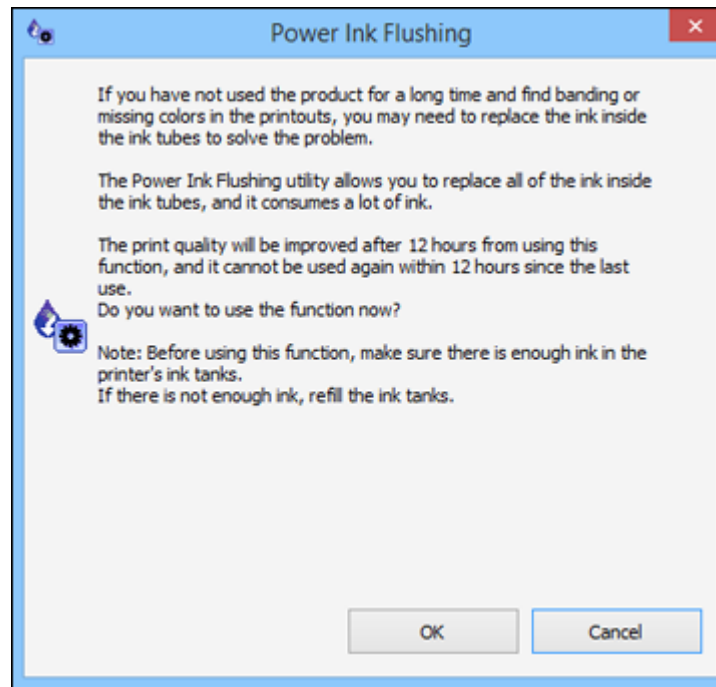
You can use the Power Ink Flushing utility to flush the ink.

Note: After a Power Ink Flushing, you must turn off the product and wait at least 12 hours before printing again.

Before you begin, make sure no product lights are indicating errors.

1. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click . Select **Printer Settings** and click the **Maintenance** tab.
 - **Mac:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Click the **Power Ink Flushing** button.

You see a window like this:



3. Follow the on-screen instructions.
4. When you finish the Power Ink Flushing, turn off the product and wait at least 12 hours before printing.
5. Print a document and check the print quality. If the print quality did not improve, contact Epson for support.

Parent topic: [Power Ink Flushing](#)

Related topics

[Refilling Ink](#)

Print Head Alignment

If your printouts become grainy or blurry, you notice misalignment of vertical lines, or you see dark or light horizontal bands, you may need to align the print head.

Note: Banding may also occur if your print head nozzles need cleaning.


[Aligning the Print Head Using the Product Control Panel](#)

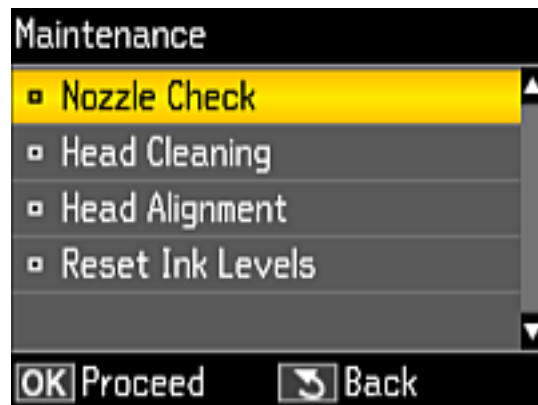
[Aligning the Print Head Using a Computer Utility](#)

Parent topic: [Adjusting Print Quality](#)

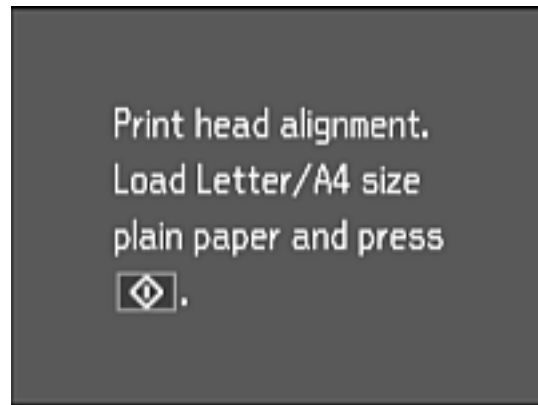
Aligning the Print Head Using the Product Control Panel


You can align the print head using the control panel on your product.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Press the  home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.



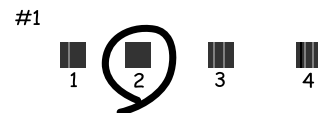
6. Select **Head Alignment** and press the **OK** button.



7. Press the  start button to print an alignment sheet.

Note: Do not cancel printing while you are printing a head alignment pattern.

8. Check the printed pattern and circle the most solid printed pattern for each set.



9. Follow the instructions on the LCD screen to select the number of the pattern you circled for each set.

Parent topic: [Print Head Alignment](#)



Related tasks

[Loading Paper in the Printer](#)

Aligning the Print Head Using a Computer Utility

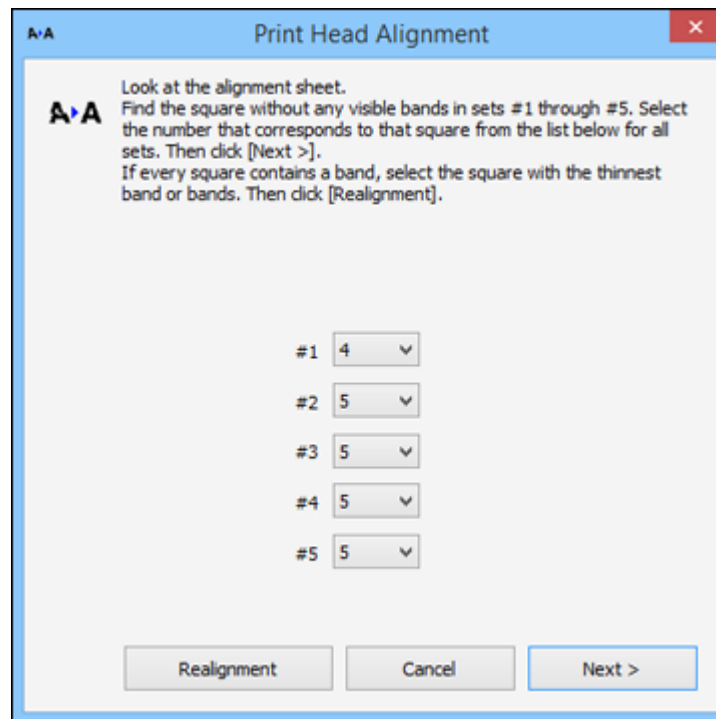
You can align the print head using a utility on your Windows or Mac computer.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.

2. Load a few sheets of plain paper in the product.
3. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
 - **Mac:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Print Head Alignment**.
5. Click **Next**, then click **Print** to print an alignment sheet.

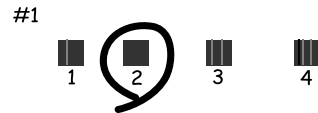
Note: Do not cancel printing while you are printing a head alignment pattern.

You see a window like this:



6. Check the printed pattern and follow the instructions on the screen to choose the number of the best printed pattern for each set.

Vertical alignment



Horizontal alignment



- After choosing a pattern number, click **Next**.
- If no patterns are aligned in one or more of the sets, choose the closest one in each set and click **Realignment**. Then print another alignment sheet and check it.

Note: Click **Skip** (where available) if you want to skip a particular alignment sheet.

7. When you are done, click **Finish**.

Parent topic: [Print Head Alignment](#)

Related tasks

[Loading Paper in the Printer](#)

Cleaning the Paper Path

If you see ink on the back of a printout, you can clean the paper path to remove any excess ink.

Caution: Do not use tissues to clean the rollers inside the product; lint from tissue may clog the print head nozzles.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Use the product control panel to make a copy, but without placing a document on the scanner glass.

Note: Make sure there is no dust or stains on the scanner glass or document cover.

4. Check the back of the ejected paper to see if it is clean.
5. Repeat as necessary until the paper comes out clean.

Parent topic: [Adjusting Print Quality](#)

Related tasks

[Loading Paper in the Printer](#)

Related topics

[Copying](#)

Checking the Number of Sheets

You can view an option that displays the number of sheets of paper that have fed through the product.



[Checking the Sheet Counter - Windows](#)

[Checking the Sheet Counter - Mac](#)

Parent topic: [Adjusting Print Quality](#)

Checking the Sheet Counter - Windows

You can check the number of sheets of paper that have fed through the product by checking the sheet counter.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.
4. Select **Printer and Option Information**.

You see this window:

Printer and Option Information

Power Off Timer
Current Printer Setting : Off
Off

Sleep Timer
Current Printer Setting : 3 minutes
3 minutes

Printer ID
ID 0

Option information has already been stored. Therefore, you do not need to enter any information.

Number of Sheets of Paper Fed into the Printer
The number of sheets is displayed when EPSON Status Monitor 3 is enabled.
Number of Sheets 2

5. After checking the number of sheets fed into the printer, click **OK** to close the window.

Note: The number of sheets is displayed only when Epson Status Monitor 3 is enabled.

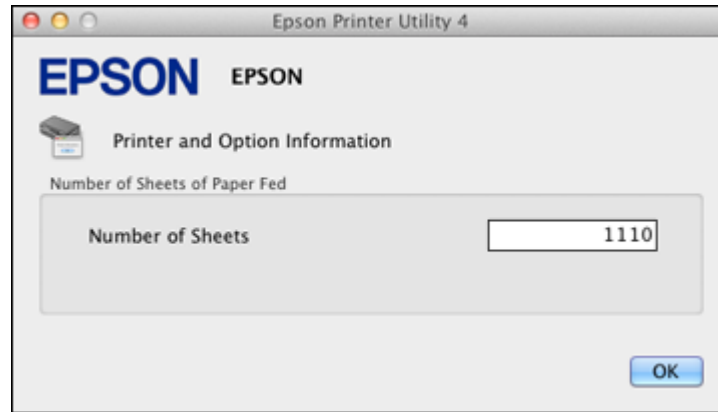
Parent topic: [Checking the Number of Sheets](#)

Checking the Sheet Counter - Mac

You can check the number of sheets of paper that have fed through the product by checking the sheet counter.

1. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **Printer and Option Information**.

You see this window:



3. After checking the number of sheets fed into the printer, click **OK** to close the window.

Parent topic: [Checking the Number of Sheets](#)

Cleaning and Transporting Your Product

See these sections if you need to clean or transport your product.

[Cleaning Your Product](#)

[Transporting Your Product](#)

Cleaning Your Product

To keep your product working at its best, you should clean it several times a year.

Close the rear paper feed slot and front cover when you are not using the product to protect it from dust.

Caution: Do not use a hard brush, alcohol, or paint thinner to clean the product or you may damage it. Do not use oil or other lubricants inside the product or let water get inside it.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Remove all the paper.
5. Clean the scanner glass with a soft, lint-free cloth (microfiber is recommended), moistened with a little glass cleaner.

Caution: Do not spray glass cleaner directly on the glass and do not press the glass surface with any force.

6. Clean the outer case and control panel with a soft, dry cloth. Do not use liquid or chemical cleansers.

Parent topic: [Cleaning and Transporting Your Product](#)

Transporting Your Product

If you need to store your product or transport it a long distance, prepare it as described here.

Caution: During transportation and storage, follow these guidelines:

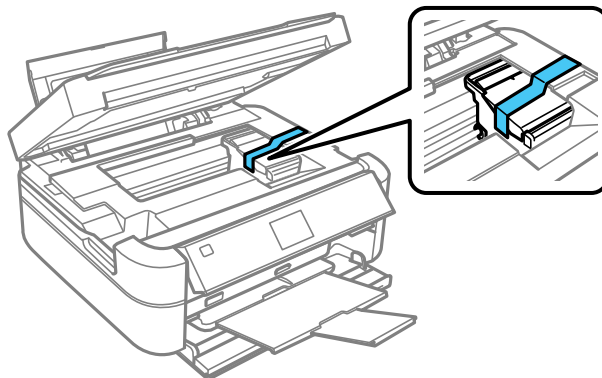
- Avoid tilting the product, placing it vertically, or turning it upside down; otherwise ink may leak.
- When storing or transporting an ink bottle after removing its seal, do not tilt the bottle and do not subject it to impacts or temperature changes. Otherwise, ink may leak even if the cap on the ink bottle

is tightened securely. Be sure to keep the ink bottle upright when tightening the cap, and take measures to prevent ink from leaking when transporting the ink bottles.

- Do not put opened ink bottles in the box with the printer.
- Do not carry the product by its control panel; this may damage the product.

Note: Before storing your product for a long period, replace low, expended, or expired ink to help prevent the print head from drying out. Store your product in a cool, dry place.

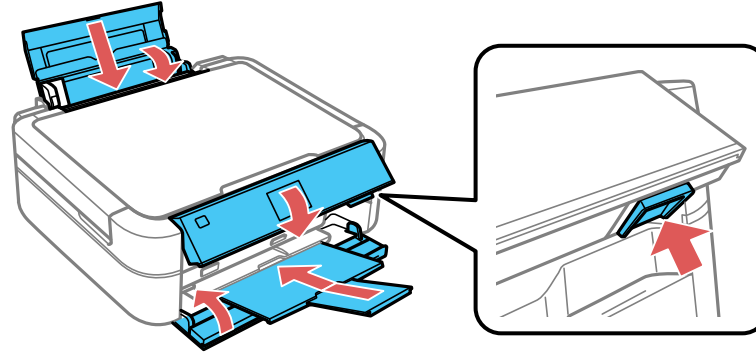
1. Turn off the product.
2. Lift up the scanner unit and check to see if the print head is in the far right position (the home position). If not, turn on the product, wait for the print head to move, then turn the product off again.
3. Secure the print head to the case with tape.



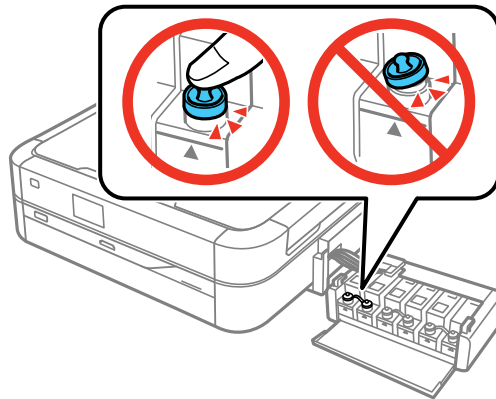
Caution: Do not place tape on the white flat cable inside the product; otherwise, you may damage your product.

4. Lower the scanner unit.
5. Remove all the paper from the product.
6. Remove any memory cards inserted in the product.
7. Unplug the power cable.
8. Disconnect any connected cables.

9. Close the output tray, front cover, and rear paper feed slot. Then lower the control panel.



10. Unhook the ink tank unit and lay it down, then check to make sure that the ink tank caps are installed securely.



11. Hook the ink tank unit on the product.
12. Place the product in its original packing materials to prevent the ink tank from being unhooked, if possible, or use equivalent materials with cushioning around the product.

Keep the product level during transportation. Be sure to remove the tape from the print head holder before turning on your product. If print quality has declined when you print again, clean and align the print head.

Parent topic: [Cleaning and Transporting Your Product](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Alignment](#)

Solving Problems

Check these sections for solutions to problems you may have using your product.

[Checking for Software Updates](#)

[Product Status Messages](#)

[Running a Product Check](#)

[Resetting Control Panel Defaults](#)

[Solving Setup Problems](#)

[Solving Copying Problems](#)

[Solving Paper Problems](#)

[Solving Problems Printing from a Computer](#)

[Solving Page Layout and Content Problems](#)

[Solving Print Quality Problems](#)

[Solving Scanning Problems](#)

[Solving Scanned Image Quality Problems](#)

[Solving Memory Card Problems](#)



[Message Appears Prompting You to Reset Ink Levels](#)

[Uninstall Your Product Software](#)

[Where to Get Help](#)

Checking for Software Updates

Periodically, it's a good idea to check Epson's support website for free updates to your product software. Visit epson.com/jm/support and select your product.

- **Windows:** Your printer software automatically checks for updates. You can also manually update the software by selecting **Software Update** here:
 - Accessing the Windows Desktop and right-clicking the  icon for your product in the right side of the Windows taskbar, or clicking the up arrow and right-clicking .
 - On the **Maintenance** tab in the printer settings window

You can also update the software by selecting **EPSON Software Updater** in the **EPSON** or **EPSON Software** program group, accessible by the **Start** button, or on the **Start** or **Apps** screens, depending on your version of Windows.


- **OS X:** You can manually update the software by opening the **Applications > Epson Software** folder and selecting **EPSON Software Updater**.


Parent topic: [Solving Problems](#)

Related tasks

[Changing Automatic Update Options](#)

Product Status Messages

You can often diagnose problems with your product by checking the messages on its LCD screen. You can also see help information and how-to instructions on the screen by pressing the  help button.

LCD screen message	Condition/solution
Printer error.	Remove any paper jams or protective material in the product. If the error is still displayed after turning the product off and on again, contact Epson for support.
Operation canceled. An error occurred while saving.	The memory card or external storage device may be damaged. Make sure the memory card or external device is inserted correctly and meets the specifications for the product.
A printer's ink pad is nearing the end of its service life.	The ink pads are near the end of their service life and the message will be displayed until the ink pad is replaced. Contact Epson for support. (To resume printing, press the  start button.)
A printer's ink pad is at the end of its service life.	The ink pad is at the end of its service life. Turn off the product and contact Epson for support.
Communication error.	Make sure the computer is connected to your product and your software is installed correctly.
Recovery mode	An error has occurred during firmware updating. Connect your product using a USB cable and try updating the firmware again. If you still receive this error message, contact Epson for support.

Note: The ink pads in the printer collect, distribute, and contain the ink that is not used on printed pages. During the life of your product it may reach a condition where either satisfactory print quality cannot be maintained or the ink pads have reached the end of their usable life. The Epson Status Monitor, your LCD screen, or lights on the control panel will advise you when these parts need replacing. If this happens during the standard warranty of the product, the exchange of the product or replacement of the pads is covered under the standard warranty. If the product is out of warranty, the pads can be replaced by any Epson authorized service provider. The waste ink pads are not a user-replaceable part.

Parent topic: [Solving Problems](#)

Related references

[Paper Jam Problems in the Rear Paper Feed Slot](#)

[Paper Jam Problems Inside the Product](#)

[Memory Card Types](#)

[Memory Card File Specifications](#)


[Where to Get Help](#)

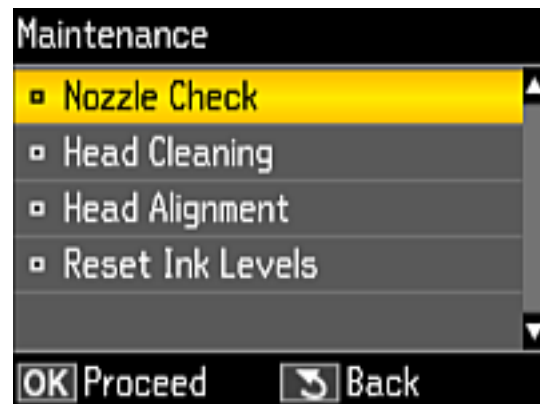
Related tasks

[Inserting a Memory Card](#)

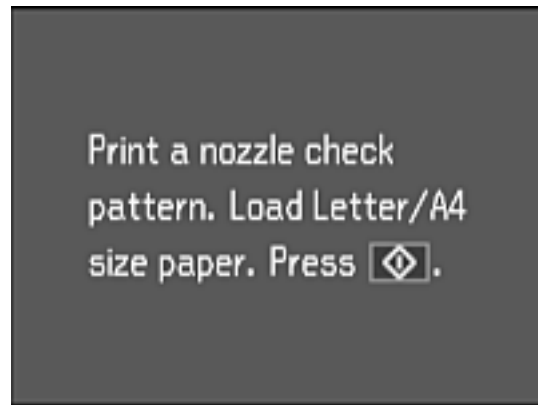
Running a Product Check


Running a product check helps you determine if your product is operating properly.

1. Disconnect any interface cables connected to your product.
2. Load plain paper in the product.
3. Press the  home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.



6. Select **Nozzle Check** and press the **OK** button.



7. Press the  start button.
The nozzle check pattern is printed.
8. Do one of the following, depending on the results of the product check:
 - If the page prints and the nozzle check pattern is complete, the product is operating properly. Any operation problem you may have could be caused by your computer, cable, software, or selected settings. Check the other solutions in this book or try uninstalling and reinstalling your printer software.
 - If the page prints but the nozzle check pattern has gaps, clean or align the print head.
 - If the page does not print, the product may have a problem. Check the other solutions in this manual. If they do not work, contact Epson.

Parent topic: [Solving Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Alignment](#)

[Uninstall Your Product Software](#)

Related references


[Where to Get Help](#)

Related tasks

[Loading Paper in the Printer](#)

Resetting Control Panel Defaults

If you have a problem with settings on the product control panel, you can reset them to their factory defaults.

1. Press the  home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Restore Default Settings** and press the **OK** button.
4. Select **Yes** to reset the product's settings. (Select **No** if you want to cancel the operation.)

Parent topic: [Solving Problems](#)

Solving Setup Problems

Check these sections if you have problems while setting up your product.

[Noise After Filling the Ink](#)

[Software Installation Problems](#)

Parent topic: [Solving Problems](#)

Noise After Filling the Ink

If you hear noises from your product after filling the ink tanks with ink, check these explanations:

- The first time you fill the tanks with ink, the product must charge its print head. Wait until charging finishes before you turn off the product, or it may charge improperly and use excess ink the next time you turn it on.
- If the product's print head stops moving or making noise, and the charging process has not finished after approximately 20 minutes, turn off your product. Turn it back on and check to see if charging is still in progress. If it is still in progress, contact Epson for help.

Parent topic: [Solving Setup Problems](#)

Software Installation Problems

If you have problems while installing your product software, try these solutions:

- Make sure your product is turned on and any necessary cables are securely connected at both ends. If you still have problems installing software, disconnect the cable and carefully follow the instructions on the *Start Here* sheet. Also make sure your system meets the requirements for your operating system.
- Close any other programs, including screen savers and virus protection software, and install your product software again.

- In Windows, make sure your product is selected as the default printer and the correct port is shown in the printer properties.
- If you see any error message or your software does not install correctly in Windows, you may not have software installation privileges. Contact your system administrator.

Parent topic: [Solving Setup Problems](#)

Solving Copying Problems

Check these solutions if you have problems copying with your product.

[Product Makes Noise, But Nothing Copies](#)

[Product Makes Noise When It Sits for a While](#)

Parent topic: [Solving Problems](#)

Product Makes Noise, But Nothing Copies

If your product makes a noise, but nothing copies, try these solutions:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- If the nozzle check page does not print, but the product's power is on, make sure your product software is installed correctly.
- Make sure your product is level (not tilted).

Parent topic: [Solving Copying Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

Product Makes Noise When It Sits for a While

Your product is performing routine maintenance. This is normal.

Parent topic: [Solving Copying Problems](#)

Solving Paper Problems

Check these sections if you have problems using paper with your product.

[Paper Feeding Problems](#)

[Paper Jam Problems in the Rear Paper Feed Slot](#)

[Paper Jam Problems Inside the Product](#)

[Paper Ejection Problems](#)

Parent topic: [Solving Problems](#)

Paper Feeding Problems

If you have problems feeding paper, try these solutions:

- If paper does not feed for printing, remove it. Then reload it in the rear paper feed against the right side and beneath the tab. Slide the edge guide against the edge of the paper, making sure that the paper stack is not above the arrow mark on the edge guide.
- If multiple pages feed at once, remove the paper, fan the edges to separate the sheets, and reload it.
- If paper jams when you load only one or two sheets, try loading more sheets at a time. Do not load more than the recommended number of sheets.
- If paper jams when you print on both sides of the paper, try loading fewer sheets.
- Make sure your paper meets the specifications for your product.
- For best results, follow these guidelines:
 - Use new, smooth, high-quality paper that is not curled, creased, old, too thin, or too thick.
 - Load paper in the rear paper feed printable side up.
 - Do not load paper with holes punched in it.
 - Follow any special loading instructions that came with the paper.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper Loading Capacity](#)

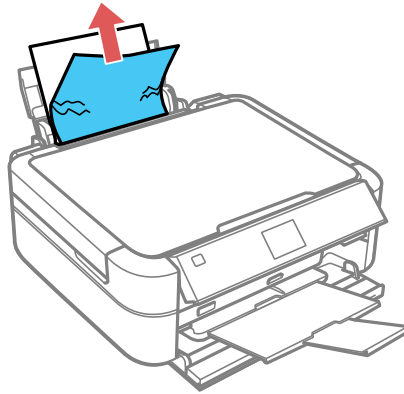
[Paper Specifications](#)

Related tasks

[Loading Paper in the Printer](#)

Paper Jam Problems in the Rear Paper Feed Slot

If paper has jammed in the rear paper feed slot, carefully remove the paper.



Parent topic: [Solving Paper Problems](#)

Related references

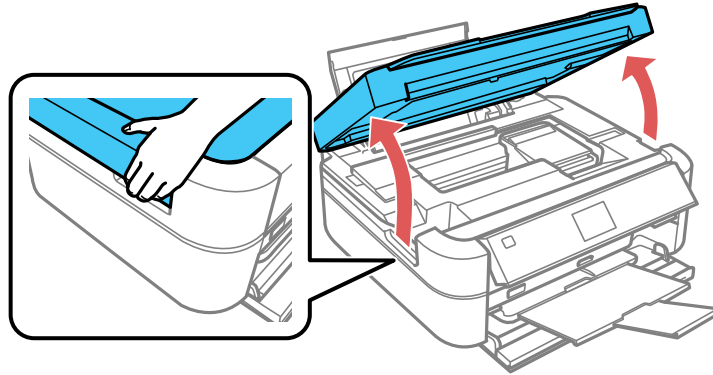
[Paper Jam Problems Inside the Product](#)

Paper Jam Problems Inside the Product

If you see a message that paper has jammed inside the product, follow the steps here or on the LCD screen to clear the jam.

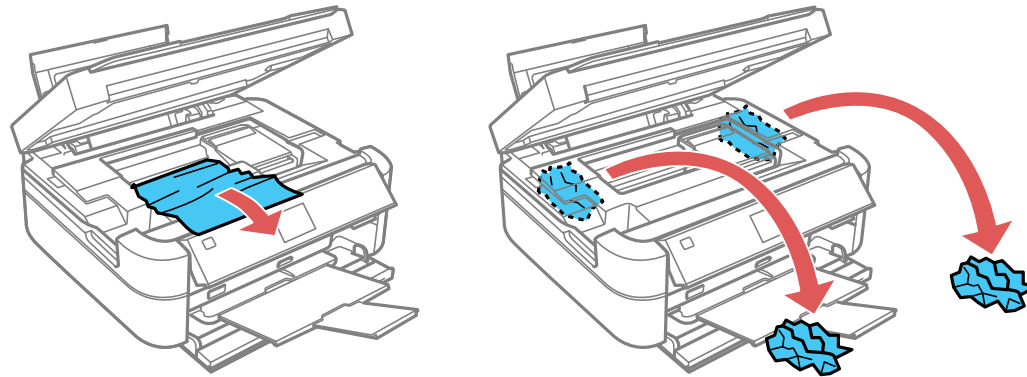
1. Cancel the print job, if necessary.

2. Lift the scanner unit.

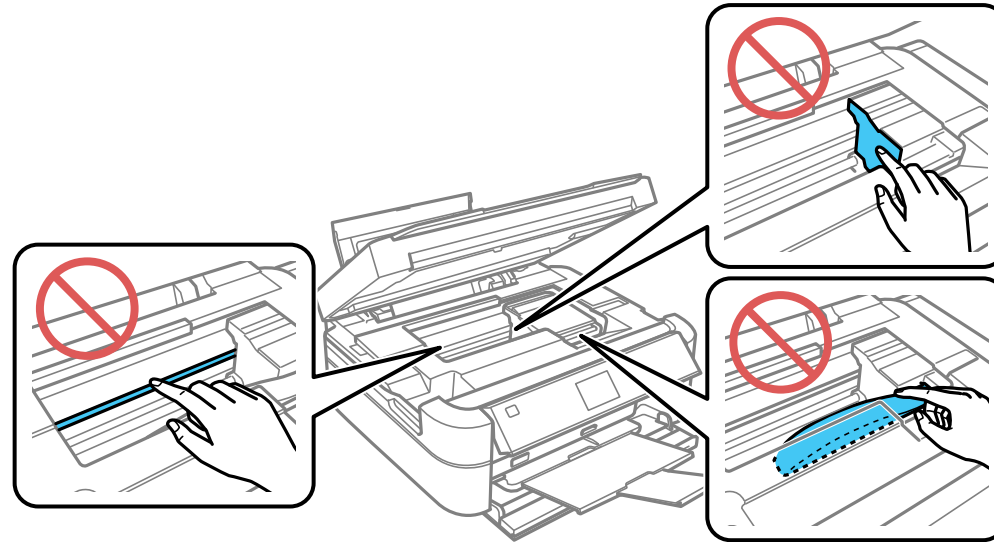


Caution: Be careful not to trap your fingers when opening and closing the scanner unit. Also, do not touch the control panel buttons while your hands are inside the product to avoid accidentally starting the unit and causing injury to yourself.

3. Remove any jammed paper inside.



Caution: Do not touch the flat white cable, ink tubes, or left side of the print head inside the product.



4. Close the scanner unit.
5. Follow the prompts on the LCD screen to clear any error messages. If you still see a paper jam message, check the other paper jam solutions.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper Jam Problems in the Rear Paper Feed Slot](#)

Paper Ejection Problems

If you have problems with paper ejecting properly, try these solutions:

- If paper does not eject fully, you may have set the wrong paper size. Cancel printing to eject the paper. Select the correct paper size when you reprint.
- If paper is wrinkled when it ejects, it may be damp or too thin. Load new paper and be sure to select the correct paper type setting when you reprint.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper or Media Type Settings](#)
[Paper Specifications](#)

Related tasks

[Loading Paper in the Printer](#)
[Cancelling Printing Using a Product Button](#)

Solving Problems Printing from a Computer

Check these sections if you have problems while printing from your computer.

[Nothing Prints](#)
[Product Icon Does Not Appear in Windows Taskbar](#)
[Printing is Slow](#)

Parent topic: [Solving Problems](#)

Nothing Prints

If you have sent a print job and nothing prints, try these solutions:

- Make sure your product is turned on.
- Make sure any interface cables are connected securely at both ends.
- If you connected your product to a USB hub, make sure it is a first-tier hub. If it still does not print, connect your product directly to your computer instead of the hub.
- Run a product check to see if a test page prints. If the test page prints, check to see if your product software is installed correctly.
- If you are printing a large image, the computer may not have enough memory. Print the image at a lower resolution or a smaller file size.
- In Windows, click **Print Queue** on the Maintenance tab in the printer settings window and check for the following:
 - Check for any stalled or paused print jobs. Cancel or unpause any jobs as necessary.
 - Open the **Printer** menu and make sure the product is not offline.
 - Open the **Printer** menu and set the product as the default printer, if necessary.
- With a Mac, select **System Preferences** from the Apple menu or Dock, select **Print & Scan** or **Printers & Scanners**, then double-click your printer icon. Check to see if any jobs are paused. Cancel or resume any jobs as necessary.

Parent topic: [Solving Problems Printing from a Computer](#)





Related tasks

[Running a Product Check](#)

Product Icon Does Not Appear in Windows Taskbar

If you do not see your product icon in the Windows taskbar, first try restarting your computer. If that does not work, try this solution:

1. Do one of the following:

- **Windows 10:** Click  and select  (Settings) > **Devices** > **Printers & scanners**. Select your product name and select **Manage** > **Printing preferences**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel** > **Hardware and Sound** > **Devices and Printers**. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.
- **Windows Vista:** Click , select **Control Panel**, and click **Printer** under **Hardware and Sound**. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.
- **Windows XP:** Click **Start** and select **Printers and Faxes**. (Or open the **Control Panel**, select **Printers and Other Hardware**, if necessary, and **Printers and Faxes**.) Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.

2. Click the **Maintenance** tab.

3. Click the **Extended Settings** button.

4. Select **Enable EPSON Status Monitor 3** and click **OK**.

5. Click the **Monitoring Preferences** button.

6. Click the checkbox for the option that adds the shortcut icon to the taskbar.

7. Click **OK** to close the open program windows.

Parent topic: [Solving Problems Printing from a Computer](#)

Printing is Slow


If printing becomes slow, try these solutions:

- Make sure your system meets the requirements for your operating system. If you are printing a high-resolution image, you may need more than the minimum requirements. If necessary, increase your system's memory.
- If you are using Windows 7, close the **Devices and Printers** window before you print.
- Make sure **Quiet Mode** is turned off.
- Clear space on your hard drive or run a defragmentation utility to free up existing space.
- Close any programs you are not using when you print.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If printing becomes slower after printing continuously for a long time, the product may have automatically slowed down to protect the print mechanism from overheating or becoming damaged. Let the product rest with the power on for 30 minutes, then try printing again.

For the fastest printing, select the following settings in your product software:

- Make sure the paper type setting matches the type of paper you loaded.
- Turn on any high speed settings in your product software.
- Select a lower print quality setting.
- **Windows:** Click the **Maintenance** or **Utility** tab, select **Extended Settings** or **Speed and Progress**, and select the following settings:
 - **Always Spool RAW Datatype**
 - **Page Rendering Mode**
 - **Print as Bitmap**

If printing is still slow and you are using Windows 7 or Windows Vista, try the following:

1. Click  and select **Computer** or **My Computer**. Double-click the **C:** drive and open these folders: **ProgramData > EPSON > PRINTER**.

Note: If you do not see the ProgramData folder, open the **Organize** menu and select **Folder and search options**. In the window that appears, click the **View** tab, select **Show hidden files, folders, and drives** in the Advanced settings list, and click **OK**.

2. Right-click the **EPAUDF01.AUD** file and select **Delete**.

3. Restart your computer and try printing again.

Parent topic: [Solving Problems Printing from a Computer](#)

Related references

[Windows System Requirements](#)

[Mac System Requirements](#)

[Paper or Media Type Settings](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Extended Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Printing Preferences - Mac](#)

Solving Page Layout and Content Problems

Check these sections if you have problems with the layout or content of your printed pages.

[Inverted Image](#)

[Too Many Copies Print](#)

[Blank Pages Print](#)

[Incorrect Margins on Printout](#)

[Border Appears on Borderless Prints](#)

[Incorrect Characters Print](#)

[Incorrect Image Size or Position](#)

[Slanted Printout](#)

Parent topic: [Solving Problems](#)

Inverted Image

If your printed image is inverted unexpectedly, try these solutions:

- Turn off any mirror or inversion settings in your printing application.
- Turn off the **Mirror Image**, **Flip horizontally**, or **Reverse page orientation** settings in your printer software. (This option has different names, depending on your operating system version.)

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

Too Many Copies Print

Make sure that the **Copies** setting in your printing program or printer software is not set for multiple copies.

Parent topic: [Solving Page Layout and Content Problems](#)

Blank Pages Print

If blank pages print unexpectedly, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- If a blank page exists in a document you are printing and you want to skip printing it, select the **Skip Blank Page** setting in your printer software, if available.
- Run a print head nozzle check to see if any of the nozzles are clogged. Then clean the print head, if necessary.
- Make sure your product is selected as the printer in your printing program.
- You may need to refill the ink. Visually check the ink levels.

Parent topic: [Solving Page Layout and Content Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Extended Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Printing Preferences - Mac](#)

Incorrect Margins on Printout

If your printed page has incorrect margins, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- Make sure you selected the correct margins for your paper size in your printing program.
- Make sure your paper is positioned correctly for feeding into the product.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

- [Loading Paper in the Printer](#)
- [Selecting Basic Print Settings - Windows](#)
- [Selecting Basic Print Settings - Mac](#)
- [Selecting Page Setup Settings - Mac](#)

Border Appears on Borderless Prints

If you see a border on borderless prints, try these solutions:

- Make sure you are printing on a compatible borderless paper type and size.

Note: For custom paper sizes, make sure you select a supported borderless page width.

- **Windows:** Make sure you selected the **Borderless** setting in your printer software.
- **Mac:** Make sure you selected the **Borderless** checkbox or a paper size with a **Borderless** option in your printer software.
- Adjust the **Expansion** setting to adjust the amount of image expansion on the edges of borderless prints.
- Make sure the image size and the paper size are set correctly; if the image is small, the enlargement may not be enough to cover the paper.

Parent topic: [Solving Page Layout and Content Problems](#)

Related references

[Borderless Paper Type Compatibility](#)

Related tasks

- [Selecting Basic Print Settings - Windows](#)
- [Selecting Basic Print Settings - Mac](#)
- [Selecting Page Setup Settings - Mac](#)

Incorrect Characters Print

If incorrect characters appear in your prints, try these solutions before reprinting:

- Make sure any cables are securely connected at both ends.

- In Windows, delete all jobs from the Windows Spooler. Click **Print Queue** on the Maintenance tab in the printer settings window, and cancel any stalled print jobs.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If your computer entered sleep mode the last time you printed, the next print job after your computer exits sleep mode may contain garbled characters. Print your document again.
- If incorrect characters still appear in your prints, try connecting your product using a different cable.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Page Setup Settings - Mac](#)

Incorrect Image Size or Position

If your printed image is the wrong size or in the wrong position, try these solutions:

- Make sure you selected the correct paper size and layout settings in your printing program and printer software.
- Make sure your paper is positioned correctly for feeding into the printer.
- Clean the scanner glass and document cover.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Loading Paper in the Printer](#)

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Page Setup Settings - Mac](#)

Slanted Printout

If your printouts are slanted, try these solutions:

- Slide the edge guide against the edge of the paper.
- Select a higher print quality setting in your printer software.
- Turn off any high speed settings in your product software.

- Align the print head.
- Make sure the product is not printing while tilted or at an angle.

Parent topic: [Solving Page Layout and Content Problems](#)

Related concepts

[Print Head Alignment](#)

Related tasks

[Loading Paper in the Printer](#)

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

Solving Print Quality Problems

Check these sections if your printouts have problems with print quality, but your image looks fine on your computer screen.

[White or Dark Lines in Printout](#)

[Blurry or Smearred Printout](#)

[Faint Printout or Printout Has Gaps](#)

[Grainy Printout](#)

[Incorrect Colors](#)

Parent topic: [Solving Problems](#)

Related topics

[Solving Scanned Image Quality Problems](#)

White or Dark Lines in Printout

If you notice white or dark lines in your prints (also called banding), try these solutions before you reprint:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.
- Turn off any high speed settings in your product software.
- Align the print head.
- You may need to refill the ink. Visually check the ink levels.

- If you have not used the product for a long time, run the Power Ink Flushing utility.

Note: Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by other means.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

[Power Ink Flushing](#)

Related references

[Paper or Media Type Settings](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Printing Preferences - Mac](#)

[Loading Paper in the Printer](#)

Related topics

[Refilling Ink](#)

Blurry or Smearred Printout

If your printouts are blurry or smearred, try these solutions:

- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Use a support sheet with special paper, or load special paper one sheet at a time.
- Make sure your paper meets the specifications for your product.
- Use Epson papers to ensure proper saturation and absorption of genuine Epson inks.
- Make sure the paper type setting in your product software matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.
- If you are printing on thick paper or envelopes, turn on the **Thick Paper** setting from the control panel or select **Thick Paper and Envelopes** in the Extended Settings of the printer software. (Turning this setting on will decrease print speed.)
- Remove each sheet from the output tray as it is printed.

- Avoid handling printouts on glossy paper right after printing to allow the ink to set.
- Turn off any high speed settings in your product software.
- If you print on both sides of a sheet of paper, smudges may appear on the reverse side of heavily saturated or dark images. If one side of a sheet will contain a lighter image or text, print that side first. Adjust the density and/or ink drying time settings.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head.
- Clean the paper path.
- If you have not used the product for a long time, run the Power Ink Flushing utility.

Note: Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by other means.

Note: Your product will not operate properly while tilted at an angle. Place it on a flat, stable surface that extends beyond the base of the product in all directions.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

[Power Ink Flushing](#)

Related references

[Compatible Epson Papers](#)

[Paper Specifications](#)

Related tasks

[Loading Paper in the Printer](#)

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Extended Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Printing Preferences - Mac](#)

[Cleaning the Paper Path](#)

Faint Printout or Printout Has Gaps

If your printouts are faint or have gaps, try these solutions:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink levels may be low. Visually check the ink levels.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Align the print head.
- Clean the paper path.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

Related references

[Paper or Media Type Settings](#)

Related tasks

[Loading Paper in the Printer](#)

[Cleaning the Paper Path](#)

Related topics

[Refilling Ink](#)

Grainy Printout

If your printouts are grainy, try these solutions:

- Make sure you loaded the printable side of the paper correctly for your product.
- Select a higher print quality setting and turn off any high speed settings in your product software.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head.

- You may need to increase the image resolution or print a smaller size; see your software documentation.

Note: Images from the Internet may be low resolution and not result in a high quality printout.

- If you enlarged the image size in an image-editing program, you need to increase the image resolution setting to retain a high image quality. Increase the image resolution by the same amount you increase the image size. For example, if the image resolution is 300 dpi (dots per inch) and you will double the image size for printing, change the resolution setting to 600 dpi.

Note: Higher resolution settings result in larger file sizes, which take longer to process and print. Consider the limitations of your computer system when selecting a resolution, and select the lowest possible resolution that produces acceptable quality to keep file sizes manageable.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Printing Preferences - Mac](#)

Incorrect Colors

If your printouts have incorrect colors, try these solutions:

- Make sure the paper type setting matches the paper you loaded.
- Make sure the **Black/Grayscale** or **Grayscale** setting is not selected in your printer software.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink levels may be low and you may need to refill the ink. Visually check the ink levels.
- After you print, the colors in your printout need time to set as the ink dries. During this time, the colors may look different than you expect. To speed up drying time, do not stack your printouts on top of each other.

- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible. Try using the color management options in your printer software.
- For best results, use genuine Epson ink and paper.
- If you have not used the product for a long time, run the Power Ink Flushing utility.

Note: Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by other means.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Power Ink Flushing](#)

Related references

[Compatible Epson Papers](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Managing Color - Mac](#)

Related topics

[Refilling Ink](#)

Solving Scanning Problems

Check these solutions if you have problems scanning with your product.

[Scanning Software Does Not Operate Correctly](#)

[Cannot Start Epson Scan](#)

Parent topic: [Solving Problems](#)

Scanning Software Does Not Operate Correctly

If your scanning software does not operate correctly, try these solutions:

- Make sure your computer has adequate memory and meets the system requirements for your operating system.
- Make sure your computer is not running in a power-saving mode, such as sleep or standby. If so, wake your system and restart your scanning software.
- If you upgraded your operating system but did not reinstall your scanning software, try reinstalling it.
- In Windows, make sure your product is listed as a valid device in the **Scanners and Cameras** control panel.

Parent topic: [Solving Scanning Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Related references

[Windows System Requirements](#)

[Mac System Requirements](#)

Related tasks

[Scanning on a Mac Using Image Capture](#)


Cannot Start Epson Scan

If you cannot start Epson Scan, try these solutions:

- Make sure your product is turned on and any interface cables are securely connected at both ends.
- Make sure Epson Scan is selected in your scanning program.
- Make sure your computer is not running in a power-saving mode, such as sleep or standby. If so, wake your system and restart Epson Scan.
- Check the connection setting and test the connection using Epson Scan Settings:

Windows 10: Click  and select **EPSON > EPSON Scan Settings**. Make sure the correct **Connection** setting is selected, then click the **Test** button.

Windows 8.x: Navigate to the **Apps** screen and select **EPSON Scan Settings**. Make sure the correct **Connection** setting is selected, then click the **Test** button.

Windows (other versions): Click  or **Start > All Programs** or **Programs > EPSON > EPSON Scan > EPSON Scan Settings**. Make sure the correct **Connection** setting is selected, then click the **Test** button.

OS X: Open the **Applications** folder, click **Epson Software**, and click **EPSON Scan Settings**. Make sure the correct **Connection** setting is selected, then click the **Test** button.

- Make sure you do not have multiple versions of Epson Scan installed. If you do, uninstall both versions and install one version.
- If you upgraded your operating system but did not reinstall Epson Scan, try reinstalling it.

Parent topic: [Solving Scanning Problems](#)

Related tasks

[Scanning on a Mac Using Image Capture](#)

Related topics

[Starting a Scan](#)

Solving Scanned Image Quality Problems

Check these sections if a scanned image on your computer screen has a quality problem.

[Image Consists of a Few Dots Only](#)

[Line of Dots Appears in All Scanned Images](#)

[Straight Lines in an Image Appear Crooked](#)

[Image is Distorted or Blurry](#)

[Image Colors are Patchy at the Edges](#)

[Image is Too Dark](#)

[Back of Original Image Appears in Scanned Image](#)

[Ripple Patterns Appear in an Image](#)

[Scanned Image Colors Do Not Match Original Colors](#)

[Scan Area is Not Adjustable in Thumbnail Preview](#)

[Scanned Image Edges are Cropped](#)

Parent topic: [Solving Problems](#)

Image Consists of a Few Dots Only

If your scanned image consists only of a few dots, try these solutions:

- Make sure you placed your original for scanning facing the correct way.

- If you are scanning using the Epson Scan **Black & White** setting, adjust the **Threshold** setting and scan again.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related references

[Available Image Adjustments - Full Auto Mode](#)

[Available Image Adjustments - Home Mode](#)

[Available Image Adjustments - Office Mode](#)

[Available Image Adjustments - Professional Mode](#)

Related tasks

[Placing Originals on the Scanner Glass](#)

Line of Dots Appears in All Scanned Images

If a line of dots appears in all your scanned images, clean the scanner glass with a soft, dry, lint-free cloth or use a small amount of glass cleaner on the cloth, if necessary. Paper towels are not recommended.

Caution: Do not spray glass cleaner directly on the scanner glass.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related tasks

[Cleaning Your Product](#)

Straight Lines in an Image Appear Crooked

If straight lines in an original appear crooked in a scanned image, make sure to place your original straight when you scan it.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related tasks

[Placing Originals on the Scanner Glass](#)

Image is Distorted or Blurry

If a scanned image appears distorted or blurry, try these solutions:

- Make sure your original is not wrinkled or warped. This may prevent the original from laying flat on the scanner glass.

- Do not move your original or your product during scanning.
- Your product will not operate properly while tilted at an angle. Place your product on a flat, stable surface that extends beyond its base in all directions.
- Adjust these Epson Scan settings (if available) and try scanning again:
 - Select the **Unsharp Mask** setting.
 - Adjust the **Auto Exposure** setting.
 - Increase the **Resolution** setting.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related topics

[Selecting Epson Scan Settings](#)

Image Colors are Patchy at the Edges

If you are scanning a thick or warped original, cover its edges with paper to block external light as you scan it.

Parent topic: [Solving Scanned Image Quality Problems](#)

Image is Too Dark

If your scanned image is too dark, try these solutions:

- Adjust these Epson Scan settings (if available) and try scanning again:
 - **Auto Exposure**
 - **Brightness**
 - **Histogram Adjustment**
- Check the brightness and contrast settings of your computer monitor.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related topics

[Selecting Epson Scan Settings](#)

Back of Original Image Appears in Scanned Image

If an image from the back of a thin original appears in your scanned image, place a piece of black paper on the back of the original and scan it again.

Parent topic: [Solving Scanned Image Quality Problems](#)

Ripple Patterns Appear in an Image

You may see a ripple pattern (called a moiré) in scanned images of printed documents. This is caused by interference from differing pitches in the scanner's screen and your original's halftone screen. To reduce this effect, adjust these Epson Scan settings (if available) and try scanning again:

- Select the **Descreening** setting.
- Select a lower **Resolution** setting.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related topics

[Selecting Epson Scan Settings](#)

Scanned Image Colors Do Not Match Original Colors

Printed colors can never exactly match the colors on your computer monitor because printers and monitors use different color systems: monitors use RGB (red, green, and blue) and printers typically use CMYK (cyan, magenta, yellow, and black).

Check the color matching and color management capabilities of your computer, display adapter, and the software you are using to see if they are affecting the palette of colors you see on your screen.

To adjust the colors in your scanned image, adjust these Epson Scan settings (if available) and try scanning again:

- Change the **Image Type** setting and experiment with different combinations of the next settings.
- Adjust the **Tone Correction** setting.
- Adjust the **Auto Exposure** setting.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related topics

[Selecting Epson Scan Settings](#)

Scan Area is Not Adjustable in Thumbnail Preview

If you cannot adjust the scan area while viewing a Thumbnail preview in Epson Scan, try these solutions:

- Create a scan area by drawing a marquee on your preview image and adjusting it as necessary.
- Switch to Normal preview mode, if available, and preview your image again.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related concepts

[Image Preview Guidelines](#)

Related tasks

[Selecting a Scan Area - Home Mode](#)

[Selecting a Scan Area - Office Mode](#)

[Selecting a Scan Area - Professional Mode](#)

Scanned Image Edges are Cropped

If the edges of a scanned image are cropped, make sure your original is placed correctly for scanning. If necessary, move your original away from the edges of the scanner glass slightly.

Parent topic: [Solving Scanned Image Quality Problems](#)

Related tasks

[Placing Originals on the Scanner Glass](#)

Solving Memory Card Problems

Check these solutions if you have problems using memory cards with your product.

[Memory Card Does Not Fit Into a Slot](#)

[Cannot View or Print Photos from a Memory Card or Device](#)

[Cannot Transfer Photos to or from a Memory Card or Device](#)

Parent topic: [Solving Problems](#)

Memory Card Does Not Fit Into a Slot

If a memory card does not fit properly in a slot, do not force it in. You may need to use an adapter with your memory card.

Parent topic: [Solving Memory Card Problems](#)

Related references

[Memory Card Types](#)

Related tasks

[Inserting a Memory Card](#)

Cannot View or Print Photos from a Memory Card or Device

If you cannot view or print photos from a memory card or USB device inserted in your product, try these solutions:

- Make sure your memory card or device is compatible with the product.
- Make sure the files on your memory card or device are in the correct format.
- If you have too many photos on your memory card or device, you may not see all the photos you expect or may be prompted to select a group of photos by date. Reduce the number of photos on your card or select one group of photos at a time. Check the specifications for the maximum number of photos.

Parent topic: [Solving Memory Card Problems](#)

Related references

[Memory Card Types](#)

[Memory Card File Specifications](#)

Related tasks

[Inserting a Memory Card](#)

Cannot Transfer Photos to or from a Memory Card or Device

If you have problems transferring photos to or from a memory card or USB device inserted in your product, try these solutions:

- Make sure your memory card or device is compatible with the product.
- Make sure your product is securely connected to your computer.
- If you are transferring photos to a memory card, check the memory card's write-protect tab to make sure it is set to allow writing to the card.

Parent topic: [Solving Memory Card Problems](#)

Related references

[Memory Card Types](#)

[Memory Card File Specifications](#)

Related topics


[Transferring Photos on a Memory Card](#)

Message Appears Prompting You to Reset Ink Levels

If you see a message on the LCD screen prompting you to reset the ink levels, do the following:

1. Refill all of the ink tanks or the ink tanks indicated on the LCD screen all the way to the top.

Note: Depending on the operating conditions, you may see the ink reset message even when there is still ink in the tanks.

2. Select the colors that you refilled on the LCD screen.
3. Press the  start button to reset the ink levels.

Note: The product has a low ink alert system. The accuracy of this system depends on the user refilling the ink tanks correctly. The product cannot directly measure the ink levels in the tanks; instead it estimates the amount of ink remaining by internally monitoring ink usage. The low ink alert system may generate inaccurate messages if the ink tanks are not refilled according to these instructions.

As a precaution, perform regular visual inspections of the ink tanks to ensure ink levels do not fall below the lower line. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Parent topic: [Solving Problems](#)

Uninstall Your Product Software

If you have a problem that requires you to uninstall and re-install your software, follow the instructions for your operating system.

[Uninstalling Product Software - Windows](#)

[Uninstalling Product Software - Mac](#)



Parent topic: [Solving Problems](#)

Uninstalling Product Software - Windows

You can uninstall and then re-install your product software to solve certain problems.

1. Turn off the product.
2. Disconnect any interface cables.

3. Do one of the following:

- **Windows 10:** Click  and select  (Settings) > **Apps > Apps & features**. Then select the program you want to uninstall and select **Uninstall**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Programs > Programs and Features**. Select the uninstall option for your Epson product, then select **Uninstall/Change**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

Select your product again, if necessary, then select **OK**, and click **Yes** to confirm the uninstallation.

- **Windows (other versions):** Click  or **Start**, and select **All Programs** or **Programs**. Select **EPSON**, select your product, then click **EPSON Printer Software Uninstall**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

In the next window, select your product and click **OK**. Then follow any on-screen instructions.

4. Do one of the following to uninstall Epson Event Manager, then follow any on-screen instructions:

- **Windows 10/8.x:** Select **Epson Event Manager** and click **Uninstall**.
- **Windows 7/Windows Vista:** Open the Windows **Control Panel** utility. Select **Programs and Features**. (In Classic view, select **Programs** and click **Uninstall a program**.) Select **Epson Event Manager** and click **Uninstall/Change**.
- **Windows XP:** Open the Windows **Control Panel** utility. Double-click **Add or Remove Programs**. Select **Epson Event Manager** and click **Change/Remove**.

5. Do one of the following to uninstall Epson Scan, then follow any on-screen instructions:

- **Windows 10:** Select **Epson Scan** and click **Uninstall**.
- **Windows 8.x/Windows 7/Windows Vista:** Select **Epson Scan** and click **Uninstall/Change**.
- **Windows XP:** Select **Epson Scan** and click **Change/Remove**.

6. Restart your computer, then see the *Start Here* sheet to re-install your software.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

Parent topic: [Uninstall Your Product Software](#)

Uninstalling Product Software - Mac

In most cases, you do not need to uninstall your product software before re-installing it. However, you can download the Uninstaller utility from the Epson support website to uninstall your product software as described here.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

1. To download the Uninstaller utility, visit epson.com.jm/support and select your product.
2. Click **Downloads**.
3. Select your operating system, click **Utilities**, locate the Uninstaller utility, and click **Download**.
4. Run the file you downloaded.
5. Double-click the **Uninstaller** icon.
6. In the Epson Uninstaller screen, select the checkbox for each software program you want to uninstall.
7. Click **Uninstall**.
8. Follow the on-screen instructions to uninstall the software.
9. Reinstall your product software.

Note: If you uninstall the printer driver and your product name remains in the **Print & Fax**, **Print & Scan**, or **Printers & Scanners** window, select your product name and click the – (remove) icon to remove it.

Parent topic: [Uninstall Your Product Software](#)

Where to Get Help

If you need additional help with your Epson product, contact Epson.

Epson provides these technical support services:

Internet Support

Visit Epson's support website at epson.com.jm/support for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name
- Product serial number (located on a label on the product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call:

Country	Telephone
Argentina	(54 11) 5167-0300 0800-288-37766
Bolivia*	800-100-116
Brazil	State capitals and metropolitan areas: 3004-6627 Other areas: 0800-377-6627 / 0800-EPSONBR
Chile	(56 2) 2484-3400
Colombia	Bogota: (57 1) 592-2200 Other cities: 018000-915235
Costa Rica	800-377-6627
Dominican Republic*	1-888-760-0068
Ecuador*	1-800-000-044
El Salvador*	800-6570
Guatemala*	1-800-835-0358
Mexico	Mexico City: (52 55) 1323-2052 Other cities: 01-800-087-1080
Nicaragua*	00-1-800-226-0368
Panama*	00-800-052-1376
Paraguay	009-800-521-0019

Country	Telephone
Peru	Lima: (51 1) 418-0210 Other cities: 0800-10126
Uruguay	00040-5210067
Venezuela	(58 212) 240-1111

* Contact your local phone company to call this toll-free number from a mobile phone.

If your country does not appear in the list, contact the sales office in the nearest country. Toll or long distance charges may apply.

Purchase Supplies and Accessories

You can purchase genuine Epson ink and paper from an Epson authorized reseller. To find the nearest reseller, visit epson.com.jm or call your nearest Epson sales office.

Parent topic: [Solving Problems](#)

Technical Specifications

These sections list the technical specifications for your product.

[Windows System Requirements](#)

[Mac System Requirements](#)

[Scanning Specifications](#)

[Paper Specifications](#)

[Printable Area Specifications](#)

[Ink Specifications](#)

[Memory Card Specifications](#)

[External USB Device Specifications](#)

[Dimension Specifications](#)

[Electrical Specifications](#)

[Environmental Specifications](#)

[Interface Specifications](#)

Windows System Requirements

To use your product and its software, your computer should use one of these Microsoft operating systems:

- Windows 10
- Windows 8.x
- Windows 7
- Windows Vista
- Windows XP Professional x64 Edition
- Windows XP SP3 or later

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com.jm/support, select your product, and select **Downloads**.

Parent topic: [Technical Specifications](#)

Mac System Requirements

To use your product and its software, your Mac should use one of these operating systems:

- macOS 10.13.x
- macOS 10.12.x
- OS X 10.11.x
- OS X 10.10.x
- OS X 10.9.x
- OS X 10.8.x
- OS X 10.7.x
- OS X 10.6.8

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com.jm/support, select your product, and select **Downloads**.

Parent topic: [Technical Specifications](#)

Scanning Specifications

Scanner type	Flatbed
Photoelectric device	CIS
Maximum document size	8.5 × 11.7 inches (216 × 297 mm) US letter or A4
Scanning resolution	1200 dpi (main scan) 2400 dpi (sub scan)

Color depth

Color:

48 bits per pixel internal (16 bits per pixel per color internal)

24 bits per pixel external (8 bits per pixel per color external)

Grayscale:

16 bits per pixel internal

8 bits per pixel external

Black-and-white:

16 bits per pixel internal

1 bit per pixel external

Light source

LED

Parent topic: [Technical Specifications](#)

Paper Specifications

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single-sheets**Size**

A4 (8.3 × 11.7 inches [210 × 297 mm])

A6 (4.1 × 5.8 inches [105 × 148 mm])

Letter (8.5 × 11 inches [216 × 279 mm])

Legal (8.5 × 14 inches [216 × 356 mm])

4 × 6 inches (102 × 152 mm)

5 × 7 inches (127 × 178 mm)

8 × 10 inches (203 × 254 mm)

3.5 × 5 inches (89 × 127 mm)

16:9 wide (4 × 7.1 inches [102 × 181 mm])

Half Letter (5.5 × 8.5 inches [140 × 216 mm])

Paper types

Plain paper

Note: Your product also supports compatible papers distributed by Epson. See the link at the end of this topic for a list of compatible Epson papers.

Weight

Plain paper: 17 lb (64 g/m²) to 24 lb (90 g/m²)

Envelopes**Size**

No. 10 (4.1 × 9.5 inches [105 × 241 mm])

Paper types

Plain bond paper

Weight

20 lb (75 g/m²) to 24 lb (90 g/m²)

Parent topic: [Technical Specifications](#)

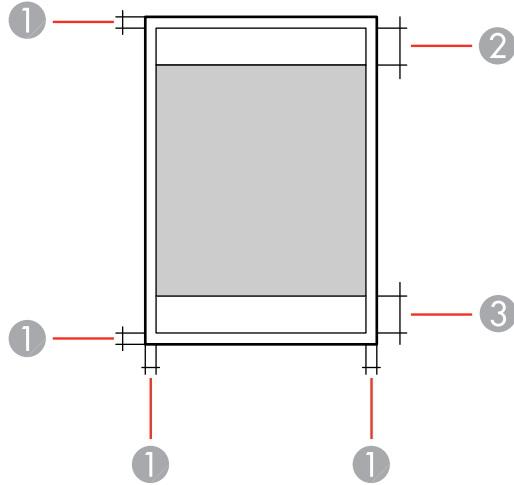
Related references

[Compatible Epson Papers](#)

Printable Area Specifications

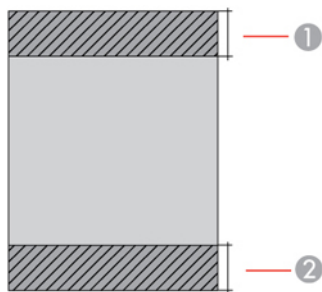
Note: Print quality may decline in the shaded areas shown here due to the printer mechanism.

Single sheets - normal printing



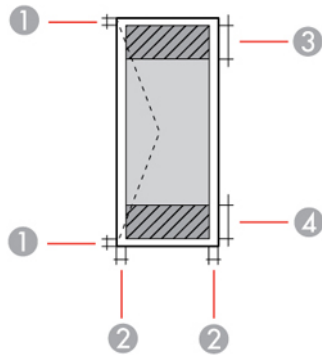
- 1 Margin: 0.12 inch (3 mm) minimum
- 2 Reduced print quality area/top: 1.42 inch (36 mm)
- 3 Reduced print quality area/bottom: 0.71 inch (18 mm)

Single sheets - borderless printing



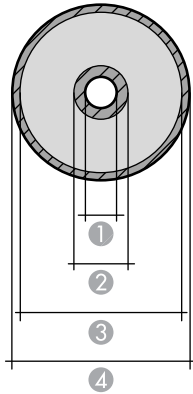
- 1 Reduced print quality area/top: 1.54 inch (39 mm)
- 2 Reduced print quality area/bottom: 0.82 inch (21 mm)

Envelopes



- 1 Left/right margins: 0.12 inch (3 mm) minimum
- 2 Top/bottom margins: 0.20 inch (5 mm) minimum
- 3 Reduced print quality area/right: 0.71 inch (18 mm)
- 4 Reduced print quality area/left: 1.42 inch (36 mm)

CD/DVD



- 1 Minimum inner margin: 0.71 inch (18 mm) for 12-cm and 8-cm CD/DVD

- 2 Inner reduced print quality area: 1.69 inch (43 mm) for 12-cm and 8-cm CD/DVD
- 3 Outer reduced print quality area: 4.57 inch (116 mm) for 12-cm CD/DVD; 2.99 inch (76 mm) for 8-cm CD/DVD
- 4 Maximum outer margin: 4.72 inch (120 mm) for 12-cm CD/DVD; 3.15 inch (80 mm) for 8-cm CD/DVD

Parent topic: [Technical Specifications](#)

Ink Specifications

Note: This product was originally designed to work with genuine Epson inks. Your product may not function properly if you use other types of ink and may affect Epson's warranty.

The included ink bottles must be used for printer setup and are not for resale. The printer ships with full ink bottles and part of the ink from the first bottles is used to charge the print head. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature.

The ink bottles that came with your printer have a lower yield due to the ink charging process. This process is carried out the first time you turn on the printer and guarantees better performance. Do not load paper before refilling the ink tanks.

Color Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta

Ink life For best results, use up ink within 6 months of removing the seal from an ink bottle

Temperature Storage: -4 to 104 °F (-20 to 40 °C)

1 month at 104 °F (40 °C)

Ink freezes at 5 °F (-15 °C)

Ink thaws and is usable after 2 hours at 77 °F (25 °C)

Parent topic: [Technical Specifications](#)

Related concepts

[Purchase Epson Ink](#)

Memory Card Specifications

Note: Cards marked with an asterisk (*) require an adapter; consult your adapter documentation for details on using it.

Compatible types/Maximum capacities	Memory Stick: 128MB Memory Stick Duo*: 128MB Memory Stick PRO: 32GB Memory Stick PRO Duo*: 32GB Memory Stick PRO-HG Duo*: 32GB MagicGate Memory Stick: 128MB MagicGate Memory Stick Duo*: 128MB Memory Stick Micro*: 32GB miniSD*: 2GB miniSDHC*: 32GB microSD*: 2GB microSDHC*: 32GB microSDXC*: 64GB SD: 2GB SDHC: 32GB SDXC: 64GB
Voltage requirements	3.3 V type, dual voltage type (3.3 V and 5V); supply voltage 3.3 V Maximum current: 100 mA for Memory Stick/Pro; 200 mA for SD

Parent topic: [Technical Specifications](#)

External USB Device Specifications

Do not use devices with the following requirements:

- Dedicated driver
- Security settings

- Built-in USB hub

Note: Use only external storage devices with independent AC power sources. External storage devices that are powered via USB are not recommended. Epson cannot guarantee the operation of externally connected devices.

CD-ROM/CD-R drive	700MB maximum capacity CD-RW is not supported
DVD-ROM/DVD-R drive	4.7GB maximum capacity DVD+R, DVD± RW, DVD-RAM, and Blu-ray Disc are not supported
Magneto-optical drive	1.3GB
Hard disk and USB flash drives	2TB Formatted in FAT, FAT32, or exFAT.

Parent topic: [Technical Specifications](#)

Dimension Specifications

Height	Stored: 7.7 inches (196 mm) Printing: 11.1 inches (283 mm)
Width	Stored: 21.3 inches (542 mm) Printing: 21.3 inches (542 mm)
Depth	Stored: 15.2 inches (386 mm) Printing: 23.9 inches (608 mm)
Weight (without ink and power cord)	20.1 lb (9.1 kg)

Parent topic: [Technical Specifications](#)

Electrical Specifications

Power supply rating	100 to 120 V 220 to 240 V
Rated frequency range	50/60 Hz
Rated current	100 to 120 V model: 0.6 A 220 to 240 V model: 0.3 A
Power consumption (100 to 120 V model with USB connection)	Standalone copying: Approximately 12 W (ISO/IEC24712) Ready mode: Approximately 5.0 W Sleep mode: Approximately 1.2 W Power off mode: Approximately 0.15 W
Power consumption (220 to 240 V model with USB connection)	Standalone copying: Approximately 12 W (ISO/IEC24712) Ready mode: Approximately 5.3 W Sleep mode: Approximately 1.6 W Power off mode: Approximately 0.35 W

Parent topic: [Technical Specifications](#)

Environmental Specifications

Temperature	Operating: 50 to 95 °F (10 to 35 °C) Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C)
Humidity (without condensation)	Operating: 20 to 80% RH Storage: 5 to 85% RH

Parent topic: [Technical Specifications](#)

Interface Specifications

For computer	Hi-Speed USB
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**For external USB and
PictBridge devices**

Hi-Speed USB

Note: Epson cannot guarantee the operation of externally connected devices.

Parent topic: [Technical Specifications](#)

Notices

Check these sections for important notices about your product.

[FCC Compliance Statement](#)

[Trademarks](#)

[Copyright Notice](#)

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

CAN ICES-3(B)/NMB-3(B)

Parent topic: [Notices](#)

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Parent topic: [Notices](#)

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[Default Delay Times for Power Management for Epson Products](#)

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Parent topic: [Notices](#)

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Default Delay Times for Power Management for Epson Products

This product will enter sleep mode after a period of nonuse. This is to ensure that the product meets Energy Star standards of energy efficiency. More energy savings can be achieved by setting the time to sleep to a shorter interval.

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