L850 User's Guide
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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
The LCD screen
The menu button
The arrow buttons and the OK button; navigate menus
The back button
The + and – buttons; increase or decrease the number of copies
The start button
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
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
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

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:

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.

![Printer Image]
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

<table>
<thead>
<tr>
<th>Paper type</th>
<th>Load up to this many sheets</th>
</tr>
</thead>
</table>
| 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 |
<table>
<thead>
<tr>
<th>Paper type</th>
<th>Load up to this many sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td>1 sheet</td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer paper</td>
<td></td>
</tr>
<tr>
<td>Envelopes</td>
<td>10</td>
</tr>
</tbody>
</table>

* 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.

<table>
<thead>
<tr>
<th>Paper Type</th>
<th>Size</th>
<th>Part number</th>
<th>Sheet count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epson Bright White Paper</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041586</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epson High Quality Ink Jet Paper</td>
<td>A4 (8.3 × 11.7 inches [210 × 297 mm])</td>
<td>S041117</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041111</td>
<td>100</td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S041809</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042038</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>A4 (8.3 × 11.7 inches [210 × 297 mm])</td>
<td>S041140-ML</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041141</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041649</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041271</td>
<td>100</td>
</tr>
<tr>
<td>Paper Type</td>
<td>Size</td>
<td>Part number</td>
<td>Sheet count</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-------------------------------------</td>
<td>---------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Glossy</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S041808</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041727</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>5 × 7 inches (127 × 178 mm)</td>
<td>S041464</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>8 × 10 inches (203 × 254 mm)</td>
<td>S041465</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S042183</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041667</td>
<td>50</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Glossy</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S042181</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042174</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>5 × 7 inches (127 × 178 mm)</td>
<td>S041945</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>8 × 10 inches (203 × 254 mm)</td>
<td>S041946</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S042182</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042175</td>
<td>50</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Luster</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041405</td>
<td>50</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Semi-gloss</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S041982</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041331</td>
<td>20</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041062</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Legal (8.5 × 14 inches [216 × 356 mm])</td>
<td>S041067</td>
<td>100</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte</td>
<td>8 × 10 inches (203 × 254 mm)</td>
<td>S041467</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041257</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042180</td>
<td>100</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041568</td>
<td>50</td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td>A4 (8.3 × 11.7 inches [210 × 297 mm])</td>
<td>S041106</td>
<td>10</td>
</tr>
<tr>
<td>Paper Type</td>
<td>Size</td>
<td>Part number</td>
<td>Sheet count</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer paper</td>
<td>Letter (8.5 x 11 inches [216 x 279 mm])</td>
<td>S041153</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Parent topic: Loading Paper
Paper or Media Type Settings

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

**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 \( \leftarrow \) 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 \( \bigcirc \) start button.

   \textbf{Note:} To cancel printing, press the \( \bigodot \) stop button.

\begin{table}[h]
\centering
\begin{tabular}{|c|c|}
\hline
\textbf{Paper type loaded} & \textbf{Paper Type setting} \\
\hline
Plain paper & Plain Paper \\
Epson Bright White Paper & \\
Epson Iron-on Cool Peel Transfer paper & \\
Epson Presentation Paper Matte & \\
Epson High Quality Ink Jet Paper & Matte \\
Epson Premium Presentation Paper Matte & \\
Epson Premium Photo Paper Glossy & Prem. Glossy \\
Epson Ultra Premium Photo Paper Glossy & Ultra Glossy \\
\hline
\end{tabular}
\end{table}

\textbf{Paper Type Settings - Copying}

Select a \textbf{Paper Type} setting that matches the paper you loaded.
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.

<table>
<thead>
<tr>
<th>Copying option</th>
<th>Available settings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layout</td>
<td>With Border</td>
<td>Leaves a small margin around the image</td>
</tr>
<tr>
<td></td>
<td>Borderless</td>
<td>Expands the image to the edge of the paper (slight cropping may occur)</td>
</tr>
<tr>
<td></td>
<td>2-up Copy</td>
<td>Copies 2 originals onto a single sheet</td>
</tr>
<tr>
<td>Copying option</td>
<td>Available settings</td>
<td>Description</td>
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<tr>
<td>-----------------------</td>
<td>-------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Reduce/Enlarge</td>
<td>Custom Size</td>
<td>Automatically sizes the image by the percentage you select</td>
</tr>
<tr>
<td></td>
<td>Actual Size</td>
<td>Copies at 100% size</td>
</tr>
<tr>
<td></td>
<td>Auto Fit Page</td>
<td>Automatically sizes the image to fit the selected paper size setting</td>
</tr>
<tr>
<td></td>
<td>Letter-&gt;4x6in and other conversions</td>
<td>Automatically converts from one size to another</td>
</tr>
<tr>
<td>Paper Size</td>
<td>Various sizes</td>
<td>Selects the paper size for the copy printout</td>
</tr>
<tr>
<td>Paper Type</td>
<td>Plain Paper</td>
<td>Adjusts printer settings for the selected paper type</td>
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<td>Prem. Glossy</td>
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<td></td>
<td>Glossy</td>
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<tr>
<td>Document Type</td>
<td>Text</td>
<td>Copies a text document</td>
</tr>
<tr>
<td></td>
<td>Text &amp; Image</td>
<td>Copies a document that includes text and images</td>
</tr>
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<td></td>
<td>Photo</td>
<td>Copies a photograph</td>
</tr>
<tr>
<td>Quality</td>
<td>Draft</td>
<td>Provides lower quality for draft copies (plain paper only)</td>
</tr>
<tr>
<td></td>
<td>Standard Quality</td>
<td>Provides good quality for most copies</td>
</tr>
<tr>
<td></td>
<td>Best</td>
<td>Provides the highest quality for special copies</td>
</tr>
<tr>
<td>Expansion</td>
<td>Standard</td>
<td>Adjusts the amount of expansion for printing borderless photos</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td></td>
</tr>
</tbody>
</table>

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:

   ![Color Restoration screen]

   If the photos are faded, set Color Restoration to On. Press OK to proceed.

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.

![2-Sided Printing options]

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 Correction Window](image)

**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.

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**.
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:

![Extended Settings Window](image)

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.

![Image of print status window]

- 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:

![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:

![Maintenance Options](image)

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:

   ![Software Update Settings](image)

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.
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:

![Expanded Printer Settings Window]

**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:

![Print 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.

    Related references
    
    **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.

![Color Options Menu](image)

**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 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.

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

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.

1. 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.
2. Open the Scanner (Windows) or Select Scanner (Mac) drop-down list and select your product, if necessary.
3. 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:

![Epson Scan Window]

**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**.

![Customize dialog box](image)

- 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.

![Image of the Epson preview window with a marquee]

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.

![Image Adjustments](image.png)

**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.

   ![Target Size](image)

   **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:

   ![Target Size window](image)

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.

<table>
<thead>
<tr>
<th>Image Adjustments</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unsharp Mask</strong></td>
<td>Makes the edges of certain image areas clearer. Turn off this option to leave softer edges.</td>
</tr>
<tr>
<td><strong>Descreening</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Image Option</strong></td>
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</tr>
<tr>
<td>Text Enhancement</td>
<td></td>
</tr>
<tr>
<td>Auto Area Segmentation</td>
<td></td>
</tr>
<tr>
<td>Color Enhance: <strong>Red</strong></td>
<td></td>
</tr>
<tr>
<td>Brightness:</td>
<td></td>
</tr>
<tr>
<td>Contrast:</td>
<td></td>
</tr>
</tbody>
</table>

**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.

   ![Normal preview example](image_url)
• **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.

![Adjustments](image)

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:

   ![Target Size window](image)

   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.
6. 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.

![Available Scan Settings - Mac Image Capture](image)

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*
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
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.

![Memory card slot and memory card](image)

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

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.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>File format</td>
<td>JPEG with the Exif version 2.3 standard</td>
</tr>
<tr>
<td>Image size</td>
<td>80 × 80 pixels to 9200 × 9200 pixels</td>
</tr>
<tr>
<td>File size</td>
<td>Up to 2GB</td>
</tr>
<tr>
<td>Number of files</td>
<td>Up to 9990</td>
</tr>
</tbody>
</table>

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  house 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.

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

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

**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:

![Number of Copies](image)

- 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:

![Photo Layout Sheet screen](image)

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

You see a screen like this:

![Select paper size](image)

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:

![Screen with options](image)

- 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:

![Screen](image)

- 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:

   ![Confirm Settings](image)

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.
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.
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.

![Print Settings](image)

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.

![Photo Adjustments](image)

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.

<table>
<thead>
<tr>
<th>Print settings</th>
<th>Available options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paper Size</strong></td>
<td>Various paper sizes</td>
<td>Indicates the size of paper you have loaded</td>
</tr>
<tr>
<td><strong>Paper Type</strong></td>
<td>Various paper types</td>
<td>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)</td>
</tr>
<tr>
<td><strong>Layout</strong></td>
<td><strong>Borderless</strong></td>
<td>Expands the image to the edge of the paper (slight cropping may occur)</td>
</tr>
<tr>
<td></td>
<td><strong>With Border</strong></td>
<td>Leaves a small margin around the image</td>
</tr>
<tr>
<td><strong>Picture Package</strong></td>
<td>Prints one photo in multiple sizes on one sheet</td>
<td></td>
</tr>
<tr>
<td><strong>1-up, 2-up, 4-up, 8-up, 20-up, and 80-up, Variety</strong></td>
<td>Prints the selected number of photos on one sheet or CD/DVD</td>
<td></td>
</tr>
<tr>
<td><strong>Upper ½ or Lower ½</strong></td>
<td>Prints one photo in the upper or lower half of the sheet</td>
<td></td>
</tr>
<tr>
<td><strong>Photo ID</strong></td>
<td>Prints 4 ID-sized photos on one sheet</td>
<td></td>
</tr>
<tr>
<td><strong>Jewel Upper</strong></td>
<td>Prints one photo on the upper half of a folded jewel case insert</td>
<td></td>
</tr>
<tr>
<td><strong>Jewel Index</strong></td>
<td>Prints 24 to 48 thumbnail images on a folded jewel case insert</td>
<td></td>
</tr>
</tbody>
</table>

**Quality**

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

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

**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.
**USB Device File Specifications**

You can print external device files that meet these specifications.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>File format</strong></td>
<td>JPEG with the Exif version 2.3 standard</td>
</tr>
<tr>
<td><strong>Image size</strong></td>
<td>80 × 80 pixels to 9200 × 9200 pixels</td>
</tr>
<tr>
<td><strong>File size</strong></td>
<td>Up to 2GB</td>
</tr>
<tr>
<td><strong>Number of files</strong></td>
<td>Up to 9990</td>
</tr>
</tbody>
</table>

**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.

**Parent topic:** Viewing or Printing from a USB Flash Drive or External Device
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.

![Diagram of CD/DVD placement](image1)

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

![Diagram of CD/DVD tray insertion](image2)

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.

![Diagram of CD/DVD tray insertion](image3)
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:

![CD/DVD settings 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:

![CD/DVD 1-up]

Select print layout. Press OK to proceed.

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:

![Confirm Settings menu](image)

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
- 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:

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.

Parent topic: Printing on CDs/DVDs from a Computer
Related tasks
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:

![Print window](image)

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:

![Print screen](image)

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

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:

![EPSON Status Monitor](image)

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 an 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:

![EPSON Status Monitor](image)

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](http://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

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

<table>
<thead>
<tr>
<th>Ink color</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>T6731</td>
</tr>
<tr>
<td>Cyan</td>
<td>T6732</td>
</tr>
<tr>
<td>Magenta</td>
<td>T6733</td>
</tr>
<tr>
<td>Yellow</td>
<td>T6734</td>
</tr>
<tr>
<td>Light Cyan</td>
<td>T6735</td>
</tr>
<tr>
<td>Light Magenta</td>
<td>T6736</td>
</tr>
</tbody>
</table>

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 start button.

You see this window:

![Information window](image)

Fill ink tank(s) with ink up to the upper line.

![OK Proceed](image)  ![Cancel](image)

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

![Unhooking](image)

**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.

![Image of ink tank unit being hooked onto product]

13. Press the **OK** button.

You see a window like this:

![Information window for selecting ink colors]

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 is clean pattern]

   **Print head needs cleaning**

   ![Print head needs cleaning pattern]

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 is clean pattern]

   **Print head needs cleaning**

   ![Print head needs cleaning pattern]

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](#)

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**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](#)
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:
   ![Head Cleaning Window]

   Make sure that the CD/DVD tray is removed and the output tray is in the paper position; otherwise Head Cleaning cannot be performed. Click [Start] to clean the print head nozzles. Because cleaning consumes some ink, only clean the print head when faint areas or gaps appear in your printout. Use the "Nozzle Check" utility first to confirm that the print head needs to be cleaned. Caution: Do not insert the CD/DVD tray until cleaning has finished.

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**

   ![Clean Pattern](image)

   **Print head needs cleaning**

   ![Pattern with Gaps](image)

   - 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:

![Power Ink Flushing Window]

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

**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

![Vertical alignment pattern]

Horizontal alignment

![Horizontal alignment pattern]

- 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

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**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

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**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:

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:

![Image of Printer and Option Information 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.

![Image of print head secured 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

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**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.

<table>
<thead>
<tr>
<th>LCD screen message</th>
<th>Condition/solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printer error.</td>
<td>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.</td>
</tr>
<tr>
<td>Operation canceled. An error occurred while saving.</td>
<td>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.</td>
</tr>
<tr>
<td>A printer's ink pad is nearing the end of its service life.</td>
<td>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.)</td>
</tr>
<tr>
<td>A printer's ink pad is at the end of its service life.</td>
<td>The ink pad is at the end of its service life. Turn off the product and contact Epson for support.</td>
</tr>
<tr>
<td>Communication error.</td>
<td>Make sure the computer is connected to your product and your software is installed correctly.</td>
</tr>
<tr>
<td>Recovery mode</td>
<td>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.</td>
</tr>
</tbody>
</table>

**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.
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.

![Print a nozzle check pattern. Load Letter/A4 size paper. Press [ ].](image)

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

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 Copying 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 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
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.
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 Smeared 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 Smeared Printout

If your printouts are blurry or smeared, 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
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 \( \Rightarrow \) 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:

<table>
<thead>
<tr>
<th>Country</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>(54 11) 5167-0300 0800-288-37766</td>
</tr>
<tr>
<td>Bolivia*</td>
<td>800-100-116</td>
</tr>
<tr>
<td>Brazil</td>
<td>State capitals and metropolitan areas: 3004-6627 Other areas: 0800-377-6627 / 0800-EPSONBR</td>
</tr>
<tr>
<td>Chile</td>
<td>(56 2) 2484-3400</td>
</tr>
<tr>
<td>Colombia</td>
<td>Bogota: (57 1) 592-2200 Other cities: 018000-915235</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>800-377-6627</td>
</tr>
<tr>
<td>Dominican Republic*</td>
<td>1-888-760-0068</td>
</tr>
<tr>
<td>Ecuador*</td>
<td>1-800-000-044</td>
</tr>
<tr>
<td>El Salvador*</td>
<td>800-6570</td>
</tr>
<tr>
<td>Guatemala*</td>
<td>1-800-835-0358</td>
</tr>
<tr>
<td>Mexico</td>
<td>Mexico City: (52 55) 1323-2052 Other cities: 01-800-087-1080</td>
</tr>
<tr>
<td>Nicaragua*</td>
<td>00-1-800-226-0368</td>
</tr>
<tr>
<td>Panama*</td>
<td>00-800-052-1376</td>
</tr>
<tr>
<td>Paraguay</td>
<td>009-800-521-0019</td>
</tr>
<tr>
<td>Country</td>
<td>Telephone</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Peru</td>
<td>Lima: (51 1) 418-0210</td>
</tr>
<tr>
<td></td>
<td>Other cities: 0800-10126</td>
</tr>
<tr>
<td>Uruguay</td>
<td>00040-5210067</td>
</tr>
<tr>
<td>Venezuela</td>
<td>(58 212) 240-1111</td>
</tr>
</tbody>
</table>

* 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](http://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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scanner type</strong></td>
<td>Flatbed</td>
</tr>
<tr>
<td><strong>Photoelectric device</strong></td>
<td>CIS</td>
</tr>
<tr>
<td><strong>Maximum document size</strong></td>
<td>8.5 × 11.7 inches (216 × 297 mm)</td>
</tr>
<tr>
<td></td>
<td>US letter or A4</td>
</tr>
<tr>
<td><strong>Scanning resolution</strong></td>
<td>1200 dpi (main scan)</td>
</tr>
<tr>
<td></td>
<td>2400 dpi (sub scan)</td>
</tr>
</tbody>
</table>
**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])
<table>
<thead>
<tr>
<th>Paper types</th>
<th>Plain paper</th>
</tr>
</thead>
</table>

**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**

<table>
<thead>
<tr>
<th>Size</th>
<th>No. 10 (4.1 × 9.5 inches [105 × 241 mm])</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper types</td>
<td>Plain bond paper</td>
</tr>
<tr>
<td>Weight</td>
<td>20 lb (75 g/m²) to 24 lb (90 g/m²)</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Compatible types/Maximum capacities</th>
<th>Memory Stick: 128MB</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Memory Stick Duo*: 128MB</td>
</tr>
<tr>
<td></td>
<td>Memory Stick PRO: 32GB</td>
</tr>
<tr>
<td></td>
<td>Memory Stick PRO Duo*: 32GB</td>
</tr>
<tr>
<td></td>
<td>Memory Stick PRO-HG Duo*: 32GB</td>
</tr>
<tr>
<td></td>
<td>MagicGate Memory Stick: 128MB</td>
</tr>
<tr>
<td></td>
<td>MagicGate Memory Stick Duo*: 128MB</td>
</tr>
<tr>
<td></td>
<td>Memory Stick Micro*: 32GB</td>
</tr>
<tr>
<td></td>
<td>miniSD*: 2GB</td>
</tr>
<tr>
<td></td>
<td>miniSDHC*: 32GB</td>
</tr>
<tr>
<td></td>
<td>microSD*: 2GB</td>
</tr>
<tr>
<td></td>
<td>microSDHC*: 32GB</td>
</tr>
<tr>
<td></td>
<td>microSDXC*: 64GB</td>
</tr>
<tr>
<td></td>
<td>SD: 2GB</td>
</tr>
<tr>
<td></td>
<td>SDHC: 32GB</td>
</tr>
<tr>
<td></td>
<td>SDXC: 64GB</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Storage Device</th>
<th>Capacity/Supported Formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-ROM/CD-R drive</td>
<td>700MB maximum capacity, CD-RW is not supported</td>
</tr>
<tr>
<td>DVD-ROM/DVD-R drive</td>
<td>4.7GB maximum capacity, DVD+R, DVD± RW, DVD-RAM, and Blu-ray Disc are not supported</td>
</tr>
<tr>
<td>Magneto-optical drive</td>
<td>1.3GB</td>
</tr>
<tr>
<td>Hard disk and USB flash drives</td>
<td>2TB, Formatted in FAT, FAT32, or exFAT.</td>
</tr>
</tbody>
</table>

**Parent topic:** Technical Specifications

### Dimension Specifications

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Stored</th>
<th>Printing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>7.7 inches (196 mm)</td>
<td>11.1 inches (283 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>21.3 inches (542 mm)</td>
<td>21.3 inches (542 mm)</td>
</tr>
<tr>
<td>Depth</td>
<td>15.2 inches (386 mm)</td>
<td>23.9 inches (608 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>20.1 lb (9.1 kg)</td>
<td></td>
</tr>
</tbody>
</table>

**Parent topic:** Technical Specifications
Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>100 to 120 V</th>
<th>220 to 240 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply rating</td>
<td>100 to 120 V</td>
<td>220 to 240 V</td>
</tr>
<tr>
<td>Rated frequency range</td>
<td>50/60 Hz</td>
<td></td>
</tr>
<tr>
<td>Rated current</td>
<td>100 to 120 Vmodel: 0.6 A</td>
<td>220 to 240 Vmodel: 0.3 A</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Standalone copying: Approximately 12 W (ISO/IEC24712)</td>
<td></td>
</tr>
<tr>
<td>(100 to 120 V model with USB connection)</td>
<td>Ready mode: Approximately 5.0 W</td>
<td>Sleep mode: Approximately 1.2 W</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Power off mode: Approximately 0.15 W</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Standalone copying: Approximately 12 W (ISO/IEC24712)</td>
<td></td>
</tr>
<tr>
<td>(220 to 240 V model with USB connection)</td>
<td>Ready mode: Approximately 5.3 W</td>
<td>Sleep mode: Approximately 1.6 W</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Power off mode: Approximately 0.35 W</td>
</tr>
</tbody>
</table>

Parent topic: Technical Specifications

Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Operating: 50 to 95 °F (10 to 35 °C)</th>
<th>Storage: –4 to 104 °F (–20 to 40 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td></td>
<td>1 month at 104 °F (40 °C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>Operating: 20 to 80% RH</td>
<td>Storage: 5 to 85% RH</td>
</tr>
<tr>
<td>(without condensation)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Parent topic: Technical Specifications

Interface Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Hi-Speed USB</th>
</tr>
</thead>
<tbody>
<tr>
<td>For computer</td>
<td></td>
</tr>
</tbody>
</table>
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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5/18
CPD-41285R1

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