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Epson Stylus CX4100 Series/CX4700 Series

User's Guide

This *User's Guide* contains instructions on printing and scanning with Windows® or Macintosh,® copying photos to and from a memory card (Epson Stylus CX4700 Series only) or camera, maintaining your Stylus CX all-in-one, solving basic problems, and specifications. To set up your Stylus CX and install your software, see the *Start Here* sheet.

Please follow these guidelines throughout:

Warning: Warnings must be followed carefully to avoid bodily injury.

Caution: Cautions must be observed to avoid damage to your equipment.

Note: Notes contain important information about your Stylus CX.

Tip: Tips contain additional hints for better copying, printing, and scanning.

Note: The illustrations in this guide show the Epson Stylus CX4700 Series all-in-one and its software, but the instructions are the same for the Epson Stylus CX4100 Series all-in-one except where noted.

About Your Stylus CX

Your Stylus CX all-in-one is great for all your everyday projects and photos. It provides you with these advanced features:

- Epson's revolutionary DURABrite® Ultra pigment inks. These quick-drying inks are resistant to water, fading, and smudging on plain and photo paper so your prints stand the test of time.

Note: The light resistance of prints is rated up to 100 years on specialty papers, and 70 years on plain paper. The light resistance rating is based on accelerated testing of prints on Epson® special media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity, and other atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

- True BorderFree® frame-ready prints on select 4 × 6 (102 × 152 mm), 5 × 7 (127 × 178), 8 × 10 (203 × 254), and letter-size (216 × 279) papers.
- Built-in Epson Easy Photo Fix™ technology to quickly restore faded color photos while you scan so they look as good as new.

About Exif Print

The Exif (Exchangeable Image File) Print format includes information about your digital camera settings in JPEG files so your printer and application can use them to create accurate print settings. Most digital cameras store Exif Print information such as shutter speed, metering, flash, and exposure settings, resolution, and lens use in the JPEG image file. Your printer—along with ArcSoft PhotoImpression—uses the information to ensure the most accurate image reproduction.

About Your Software

The CD-ROM that came with your Stylus CX all-in-one includes all the software you need for printing and scanning. See your *Start Here* sheet for installation instructions.

- **Your printer driver** lets you control how your documents look. You can't print from your computer without it.
- **Your scanner software** lets you scan from your computer and control how your scans look. You can't scan without it.

Tip: It's a good idea to check Epson's support web site periodically for free updates to your Stylus CX printing and scanning software. Visit <http://www.latin.epson.com>.

- **ArcSoft PhotoImpression™** lets you edit, retouch, or enhance images and print them with templates, frames, and borders. Supports Exif Print. See the PhotoImpression Help utility for instructions on using the program.
- **ABBYY FineReader® Sprint** lets you scan a document and convert the text into data that you can edit with a word processing program.
- **Epson PhotoCenterSM** is Epson's free photo-sharing web site where you can store, organize, and share your photos; print high-resolution photos straight from the web; and create free online postcards with your photos. Your printer software installer lets you add a link to the Epson PhotoCenter on your desktop.



- **Epson Print LabSM** is Epson's free photo project web site where you can combine your favorite photos, Epson papers, and your printer to create unforgettable personalized craft projects. Your printer software installer lets you add a link to the Epson Print Lab on your desktop.



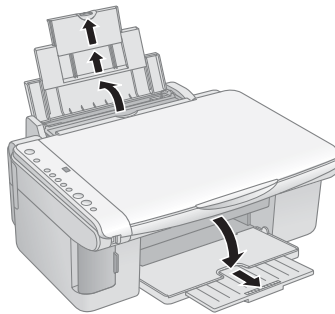
- **Epson Web-to-Page™** automatically adjusts web pages to fit your printed page. No more cut-off edges! All you have to do is select **Print** on the Web-To-Page toolbar in Internet Explorer (requires Windows 98, Me, 2000, or XP with Internet Explorer 5.5 or later).

Loading Paper

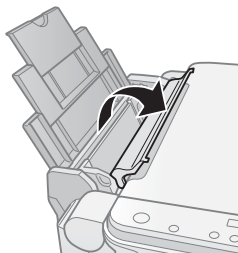
- Single Sheets
- Envelopes
- Special Papers

Single Sheets

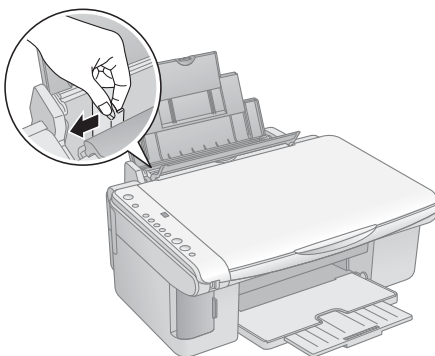
1. Open the paper support and output tray, then slide out the extensions.



2. Flip the feeder guard forward.

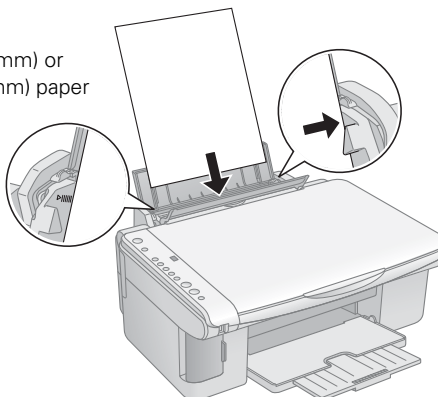


3. Slide the left edge guide to the left.

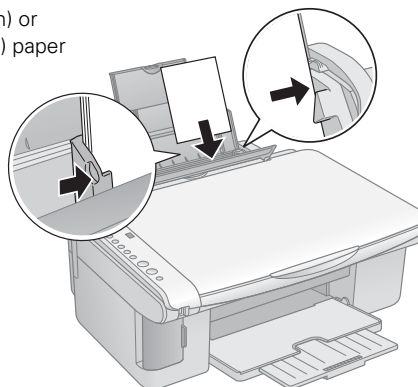


4. Insert the paper, printable side up, against the right edge guide. Always load it short edge first, even for landscape printing. Make sure the paper lies beneath the tabs and the arrow mark on the left edge guide.

8 × 10-inch (203 × 254 mm) or
Letter-size (216 × 297 mm) paper



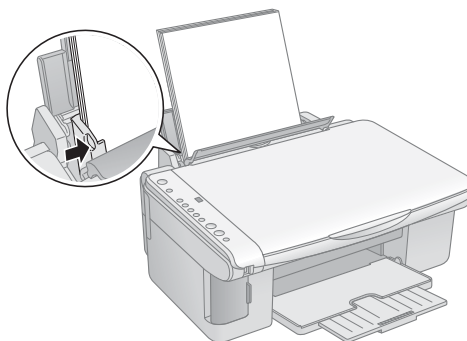
4 × 6-inch (102 × 152 mm) or
5 × 7-inch (127 × 178mm) paper



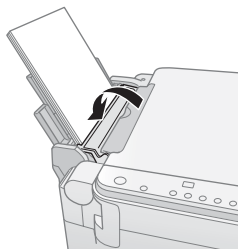
You can load up to 100 sheets of plain paper and up to 20 sheets of photo paper. (See [Special Papers](#) for capacity guidelines on other paper types.)


Note: The type of paper you choose affects the way your printout looks, so be sure to select the correct paper for your job. If you are just making a copy or printing a rough draft of an image, plain paper is fine. However, for the best results, you'll want to use one of Epson's special ink jet papers designed for your printer. For example, your photos will look great printed on Premium Glossy Photo Paper. See [Special Papers](#) for more information.

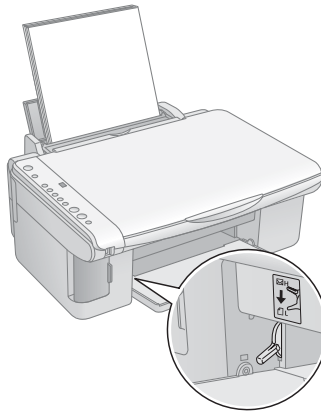
5. Slide the left edge guide against the left edge of the paper (but not too tightly).



6. Flip the feeder guard back.



7. Make sure the paper thickness lever is set down to the  L position.

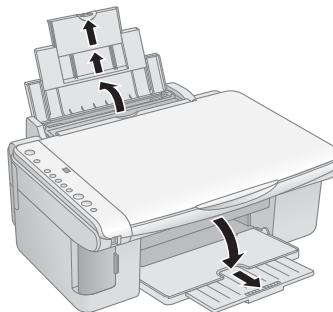


Follow these guidelines when loading paper:

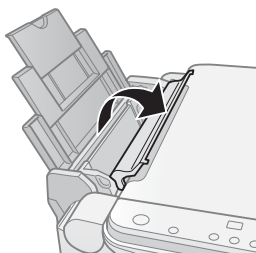
- Don't load paper above the arrow on the left edge guide. Make sure the paper is under the tabs on the left and right edge guides.
- Load the printable side face-up. It's often brighter or whiter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- If you experience paper feeding problems, try loading fewer sheets.
- If you're using special paper, check the package for special loading instructions.

Envelopes

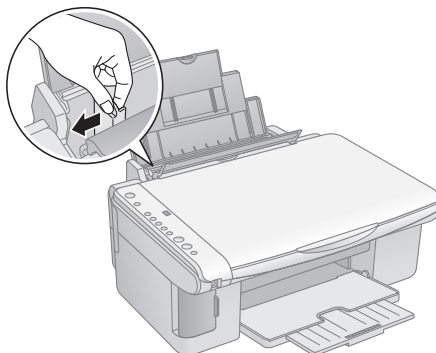
1. Open the paper support and output tray, then slide out the extensions.



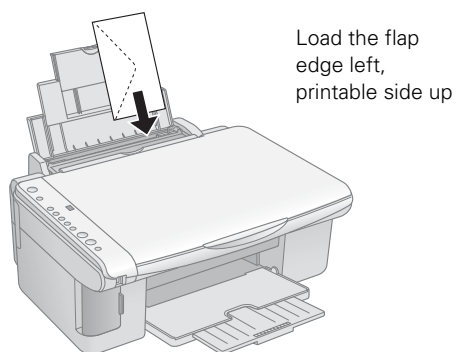
2. Flip the feeder guard forward.



3. Slide the left edge guide to the left.



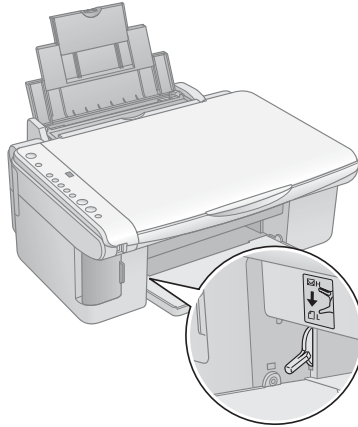
4. Load up to 10 envelopes at a time, flap edge left, printable side up, against the right edge guide.



Note: For best results, press each envelope flat before loading, or load one envelope at a time.

5. Slide the left edge guide against the envelopes (but not too tightly).

6. Flip the feeder guard back.
7. Set the paper thickness lever to the ☒ H position.



Select the following settings when printing on envelopes:

- Envelope as the paper Type or Media Type setting
- The correct envelope size as the Size or Paper Size setting
- Landscape as the Orientation setting

For instructions on selecting these settings, see:

- [Printing in Windows](#)
- [Printing with Macintosh OS X](#)

Special Papers

Epson offers the following special papers for the Stylus CX all-in-one:

Paper name*	Size	Part number
Epson Ultra Premium Glossy Photo Paper	Borderless 4 × 6 in. (102 × 152 mm)	S041934
	Letter (8.5 × 11 in. [216 × 279 mm])	S041935
Epson Premium Bright White Paper	Letter (8.5 × 11 in. [216 × 279 mm])	S041586
Epson Premium Glossy Photo Paper	Borderless 4 × 6 in. (102 × 152 mm)	S041808 S041727
	Borderless 5 × 7 in. (127 × 179 mm)	S041464
	Borderless 8 × 10 in. (203 × 254 mm)	S041465
	Letter (8.5 × 11 in. [216 × 279 mm])	S041286
Epson Premium Semigloss Photo Paper	Letter (8.5 × 11 in. [216 × 279 mm])	S041331
Epson Glossy Photo Paper	4 × 6 in. (102 × 152 mm)	S041809
	Letter (8.5 × 11 in. [216 × 279 mm])	S041141 S041649 S041271
Epson Matte Paper Heavyweight	Letter (8.5 × 11 in.)	S041257
	Borderless 8 × 10 in. (203 × 254 mm)	S041467
Epson Double-Sided Matte Paper	Letter (8.5 × 11 in. [216 × 279 mm])	S041568
Epson Photo Quality Ink Jet Paper	Letter (8.5 × 11 in. [216 × 279 mm])	S041062
	Letter (8.5 × 11 in. [216 × 279 mm])	S041067

* The availability of paper types and sizes varies by location.

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call your nearest Epson sales office as described in [Where To Get Help](#).

When loading Epson ink jet papers, follow the capacity guidelines below. See [Selecting the Correct Paper Type](#) for the paper type settings you should select for these papers in the printer software.

Paper type	Loading capacity
Premium Bright White Paper	80 sheets
Ultra Premium Glossy Photo Paper Premium Glossy Photo Paper Premium Semigloss Photo Paper Glossy Photo Paper Matte Paper Heavyweight Double-Sided Matte Paper	20 sheets
Photo Quality Ink Jet Paper	100 sheets

Printing in Windows

Before you start, make sure the Stylus CX all-in-one is set up, its software is installed, and it is connected to your computer as described on the *Start Here* sheet.

Whenever you print, make sure you do the following:

- **Use the right paper.**
For the best-looking photos, most vivid colors, and greatest detail, always use genuine Epson papers and Epson inks.
- **Choose the right printer settings.**
The Stylus CX automatically adjusts itself for each type of paper. That's why printer settings are important. They tell the Stylus CX what kind of paper you're using and what type of print you want. Make sure you check your printer settings every time you print.

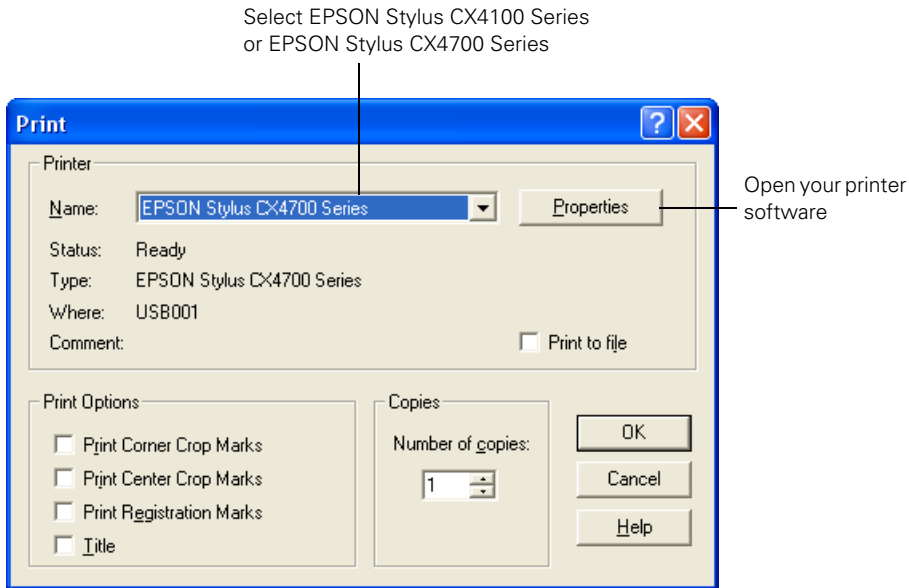
See these sections for instructions on selecting printer settings:

- [Printing from an Application](#)
- [Selecting the Default Settings for All Windows Programs](#)
- [Customizing Windows Print Settings](#)

Printing from an Application

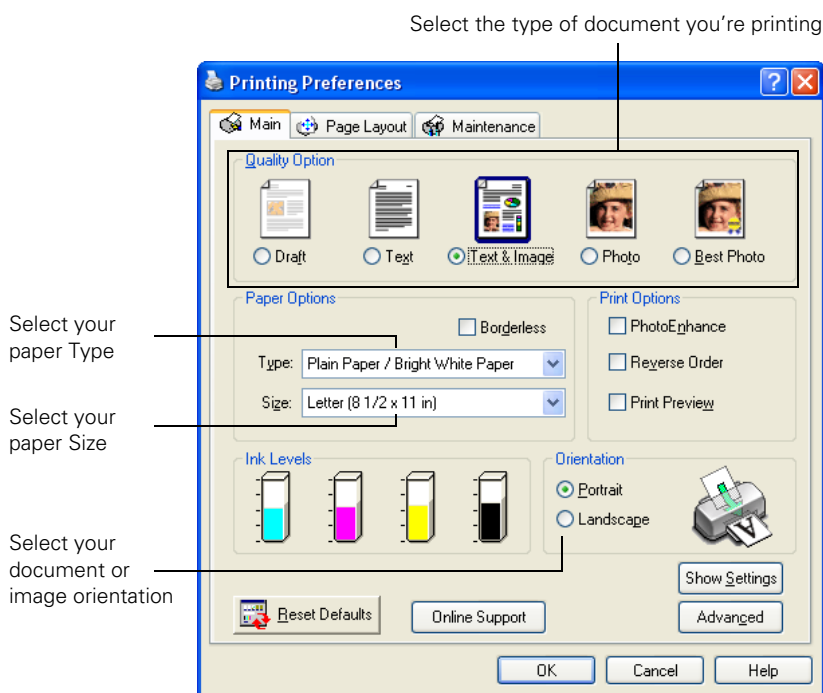
After you create a document in a software program, follow these steps to print it using the basic printer settings:

1. Open the File menu and select **Print**. You see a window like this one:



2. Make sure **EPSON Stylus CX4100 Series** or **EPSON Stylus CX4700 Series** is selected.
3. Click the **Properties** or **Preferences** button. (If you see a **Setup**, **Printer**, or **Options** button, click it. Then click **Properties** or **Preferences** on the next screen.)

You see the basic print settings window:



4. Select from these **Quality Option** types:

- **Draft:** For rough drafts with reduced print quality
- **Text:** For text-only documents with higher text quality
- **Text & Image:** For documents with text and images with higher quality
- **Photo:** For photos and graphics with good quality and speed
- **Best Photo:** For photos or graphics with high print quality

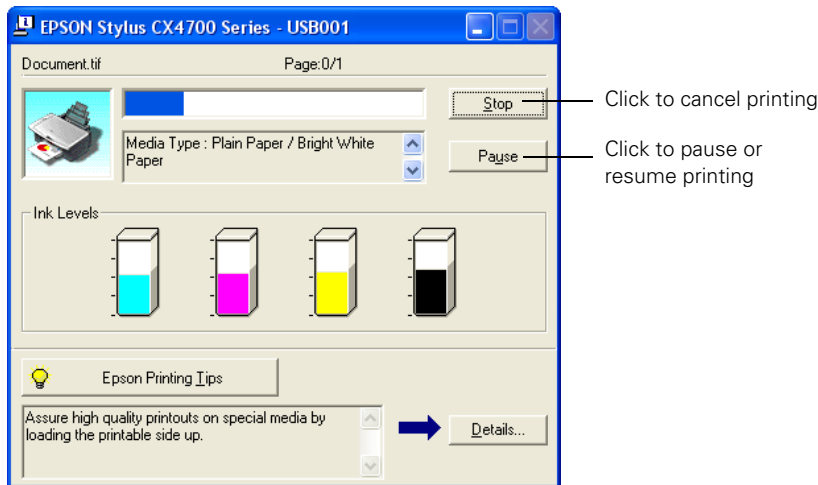
Note: For more information about print settings, click the ? or **Help** button.

The Quality Option settings on this screen give you the best combination of quality and speed for most prints. For the highest quality (Photo RPM®) on selected papers, click the Advanced button on the Main tab. Then see [Customizing Windows Print Settings](#) for instructions.

5. Make sure the paper Type and Size settings match the paper you've loaded in the printer.


6. Select your document or image orientation.
7. Click OK.
8. At the Print window, click OK or Print to start printing.

During printing, the following window appears to show the progress of your print job. You can use the buttons to cancel, pause, or resume printing. You can also see how much ink you have left.



Selecting the Default Settings for All Windows Programs

When you change the printer settings within a program, they apply only to that program. If you want to change the default printer settings for all your programs, follow these steps:

1. Right-click the  printer icon in the lower right corner of your screen (taskbar).

Note: If you don't see the icon, see [You don't see the printer icon in the lower right corner of your screen \(taskbar\) in Windows.](#) for instructions on making it appear.

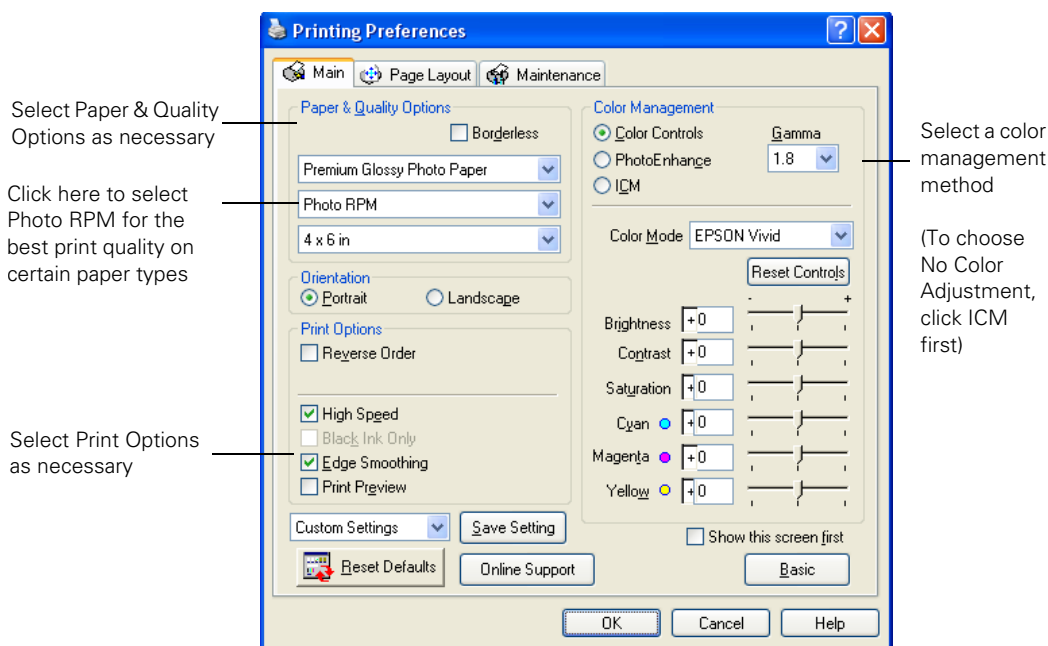
2. Select **Printer Settings**. You see the window in [step 3](#).
3. Select the default settings you want for all your applications, then click **OK**.

You can still change the printer settings in your individual programs, when necessary. They will override the Windows default settings until the next time you turn on or reset your computer.

Customizing Windows Print Settings

You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects and layouts.

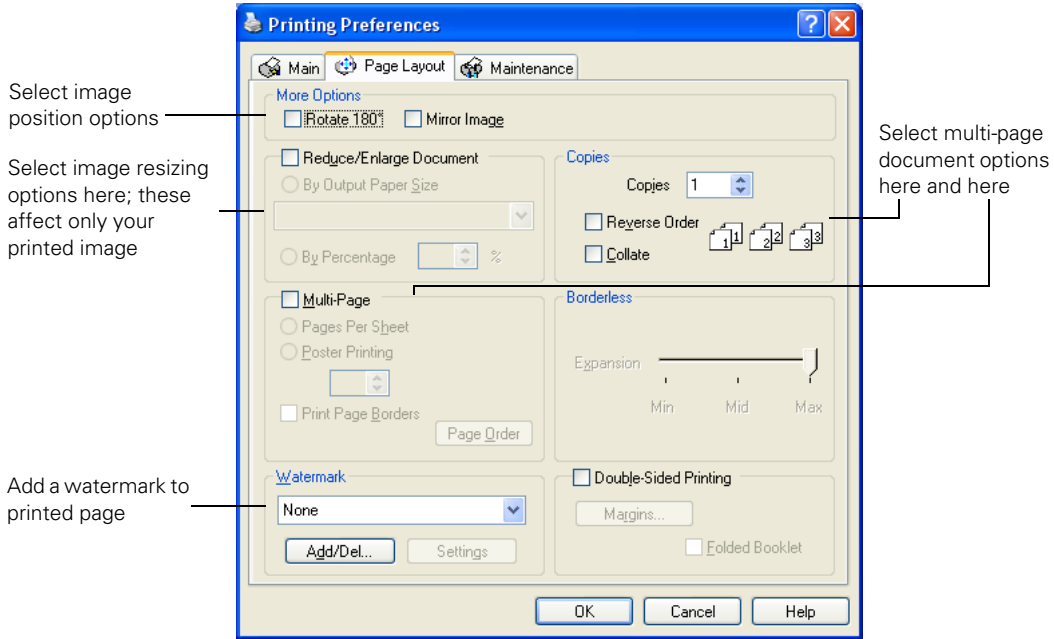
1. On the Main tab, click the **Advanced** button in the bottom right corner of the window.
2. If you see a warning note, click **Continue**.
3. Select the following advanced settings as necessary:



Note: When you select **Photo RPM** for the highest print quality, printing will take longer.

For more information about advanced settings, or instructions on saving them as a group so you can reuse them later, click the **?** or **Help** button. If you want to use the Advanced screen each time you access your printer settings, click **Show this screen first**.

4. Once you've finished selecting advanced settings, you can:
 - Click **OK** to save your settings, return to the Print window, and print.
 - Click the **Basic** button to return to the basic settings.
 - Continue with step 5 to change the layout options.
5. Click the **Page Layout** tab and select the following page layout settings as necessary:



Note: For more information on page layout settings, click the ? or Help button.

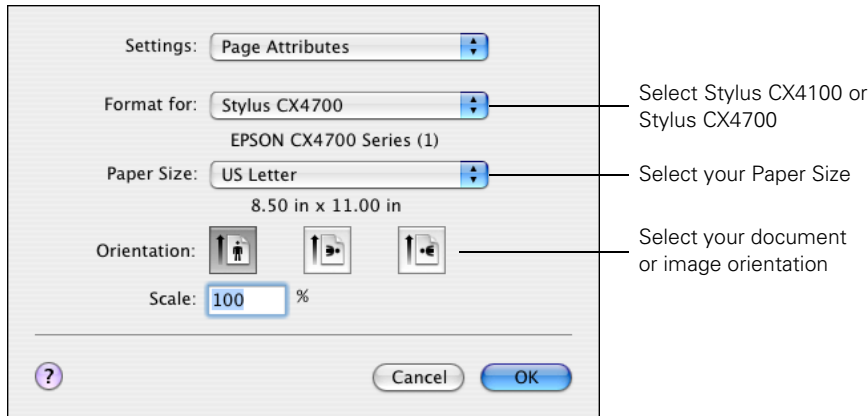
6. Click **OK** to save your settings, then click **OK** or **Print**.



Printing with Macintosh OS X

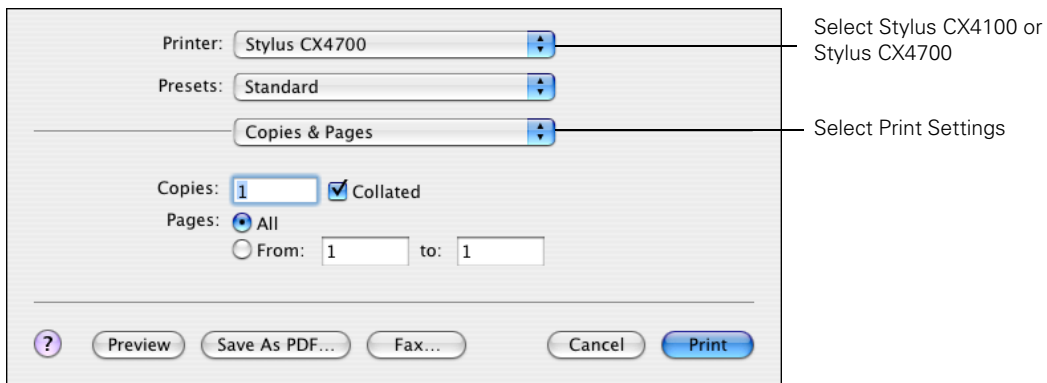
If you're using an OS X-compatible printing application, follow the steps below to print.

Before you begin, make sure you added your printer to the Print Center or Printer Setup Utility as described on the *Start Here* sheet.

1. Open the File menu and select **Page Setup**. You see the Page Setup window:

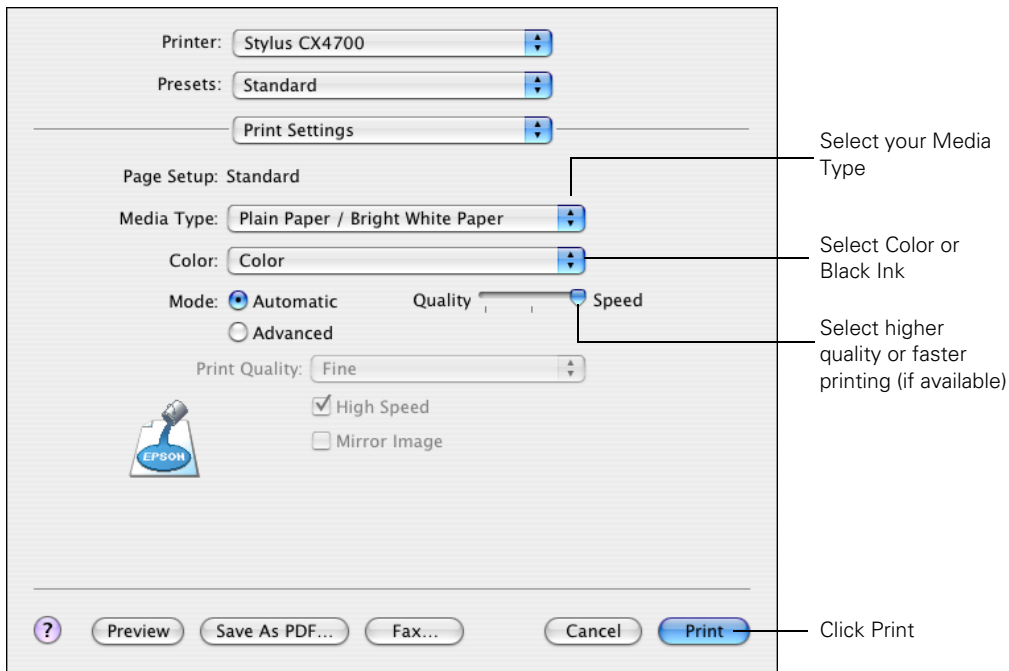


2. Select **Stylus CX4100** or **Stylus CX4700** in the Format for pop-up menu.
3. Select your Paper Size. For borderless printing, select a paper size with the **Sheet Feeder - Borderless** option. See [Printing Borderless Photos](#) for details.
4. Select  portrait or  landscape as the orientation setting.
5. Click OK.
6. Open the File menu and select **Print**. You see a window like this one:



7. Select **Stylus CX4100** or **Stylus CX4700** in the Printer pop-up menu.
8. Select **Print Settings** from the pop-up menu.

9. Select the following Print Settings as necessary:




Note: For more information about printer settings, click the ? button.

10. Depending on your settings, you can choose other options from the pop-up menu:

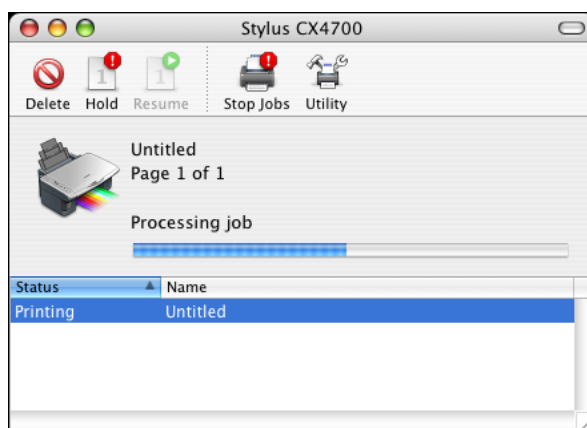
- **Copies & Pages:** Select the number of copies you want or a page range.
- **Layout:** Select page layout options.
- **Output Options:** Save your print job as a PDF file.
- **Scheduler:** Schedule your print job to print at a later time.
- **Paper Handling:** Select page printing options, such as **Reverse print order**.
- **Cover Page:** Print a cover page before your document or photo.
- **ColorSync or Color Management:** Select ColorSync,[®] or adjust the color controls, change the gamma setting, or turn off color adjustments in the printer software.
- **Expansion:** Reduce or enlarge the image size for borderless printing. See [Printing Borderless Photos](#) for details.

■ **Summary:** View a list of all your selections.

11. To save your selections for future use, select **Save As** from the Presets pop-up menu.
12. Click **Print**.
13. To monitor the progress of your print job, click the  printer icon when it appears in the dock on the bottom of your desktop.

If you're using OS X 10.2.x, click the  Print Center icon instead, then double-click **Stylus CX4100** or **Stylus CX4700** in the Printer List window.

You see a screen like this:



If necessary, you can do one of the following while monitoring the progress of your print job:

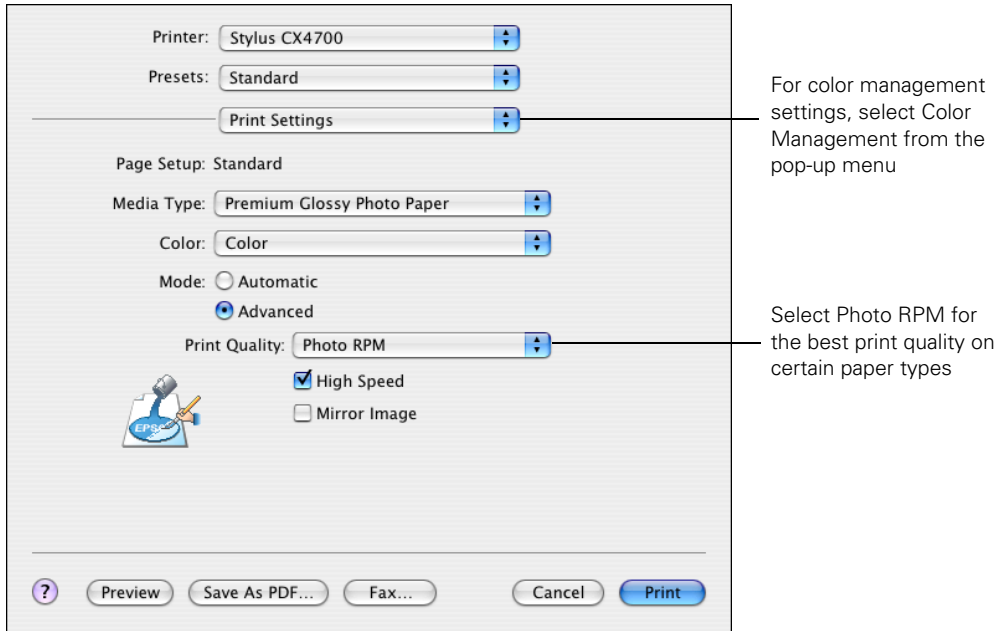
- Click the print job, then click **Delete** to delete it
- Click the print job, then click **Hold** to pause printing
- Click a print job marked “Hold” and click **Resume** to resume printing

14. When you're finished, close the printer window or Print Center.

Customizing Mac OS X Print Settings

You can use advanced settings for color matching or printing at a higher resolution.

1. On the print settings window, click **Advanced** and choose these settings as necessary:



Note: When you select **Photo RPM** for the highest print quality, printing will take longer.

For more information on advanced settings, or instructions on saving them as a group so you can reuse them later, click the ? button.

2. Click **Print**.

Selecting the Correct Paper Type

Your Stylus CX all-in-one automatically adjusts itself for the type of paper you select in your print settings. That's why the paper Type or Media Type setting is so important. It tells your printer what kind of paper you're using and adjusts the ink coverage accordingly.

The table below lists the settings you should choose for your paper:

For this paper . . .	Select this Type or Media Type setting . . .
Plain paper Epson Premium Bright White Paper	Plain Paper / Bright White Paper
Epson Matte Paper Heavyweight Epson Double-Sided Matte Paper Epson Photo Quality Ink Jet Paper	Matte Paper - Heavyweight
Epson Ultra Premium Glossy Photo Paper	Ultra Premium Glossy Photo Paper
Epson Premium Glossy Photo Paper	Premium Glossy Photo Paper
Epson Premium Semigloss Photo Paper	Premium Semigloss Photo Paper
Epson Glossy Photo Paper	Glossy Photo Paper
Envelopes	Envelope

Printing Borderless Photos

You can print your photos with no margins, extending the image all the way to the edges of the page. Although borderless printing is a bit slower, you get beautiful snapshots and enlargements, without trimming.

See [Loading Paper for Borderless Photos](#), then see these sections for instructions on printing borderless photos:

- [Windows](#)
- [Macintosh OS X](#)

Loading Paper for Borderless Photos

You can print borderless photos on these papers and sizes:

Paper name	Sizes	Paper Type or Media Type setting
Premium Glossy Photo Paper	4 × 6 in. (102 × 152 mm) 5 × 7 in. (127 × 179 mm) Letter (8.5 × 11 in. [216 × 279 mm])	Premium Glossy Photo Paper
Premium Semigloss Photo Paper	(8.5 × 11 in. [216 × 279 mm])	Premium Semigloss Photo Paper
Ultra Premium Glossy Photo Paper	4 × 6 in. (102 × 152 mm) Letter (8.5 × 11 in. [216 × 279 mm])	Ultra Premium Glossy Photo Paper
Epson Glossy Photo Paper	4 × 6 in. (102 × 152 mm) Letter (8.5 × 11 in. [216 × 279 mm])	Glossy Photo Paper
Epson Matte Paper Heavyweight	8 × 10 in. (203 × 254 mm) Letter (8.5 × 11 in. [216 × 279 mm])	Matte Paper - Heavyweight

Load your paper as shown in [Loading Paper](#).

With proper care, photographs from your Stylus CX all-in-one will last for many years. The special Epson DURABrite Ultra inks designed for your Stylus CX are formulated to achieve improved lightfastness when used with Epson papers for prints that are properly displayed or stored. For best results, always use Epson papers.

As with traditional photos, Epson recommends proper care that will minimize color changes and lengthen display life:

- Frame prints under glass or a protective plastic sleeve to protect them from atmospheric contaminants like humidity, smoke, and high levels of ozone.
- As with all photographs, keep your prints away from direct sunlight.
- For proper storage, keep your prints in a photo album or plastic photo storage box in acid-free, archival sleeves commonly available from most camera stores.

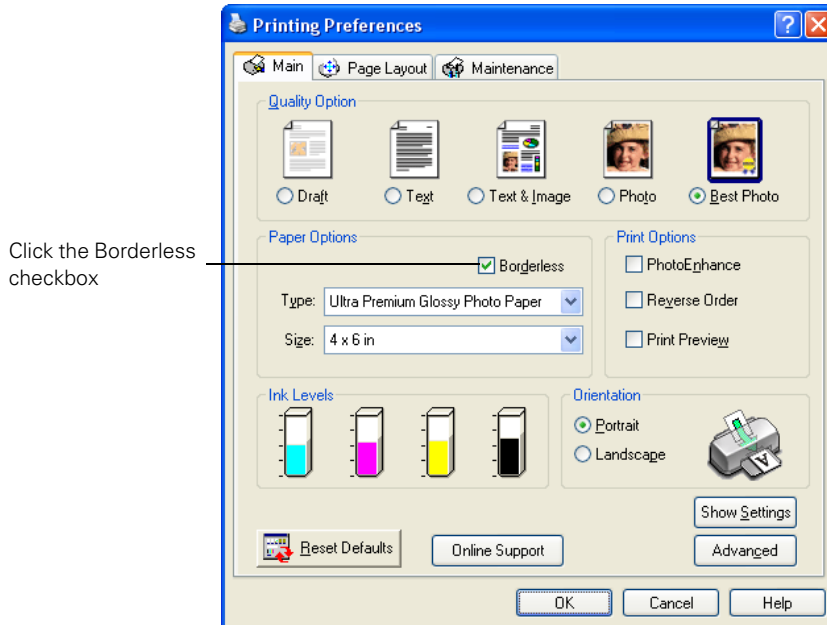
- Always keep unused paper in the original package.

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call your nearest Epson sales office as described in [Where To Get Help](#).

Windows

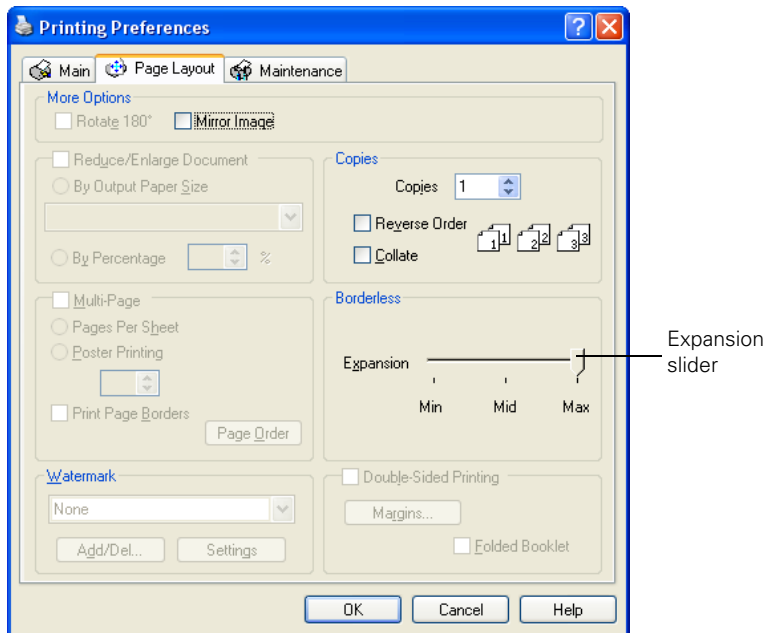
1. Open the File menu and select **Print**.
2. Click the **Properties** or **Preferences** button. (If you see a **Setup**, **Printer**, or **Options** button, click it. Then click **Properties** or **Preferences** on the next screen.)

You see a window like this one:



3. Select **Photo** or **Best Photo** as the Quality Option setting.
4. Select one of the following for the paper Type option, to match the paper you're using:
 - Premium Glossy Photo Paper
 - Premium Semigloss Photo Paper

- Ultra Premium Glossy Photo Paper
 - Matte Paper - Heavyweight
 - Glossy Photo Paper
5. Click the **Borderless** checkbox. Read the message and click **OK**.
 6. Select your paper Size setting. See the list of supported borderless sizes in [Printing Borderless Photos](#).
 7. Select **Portrait** or **Landscape** as the orientation setting.
 8. Click the **Page Layout** tab. You see a window like this one:

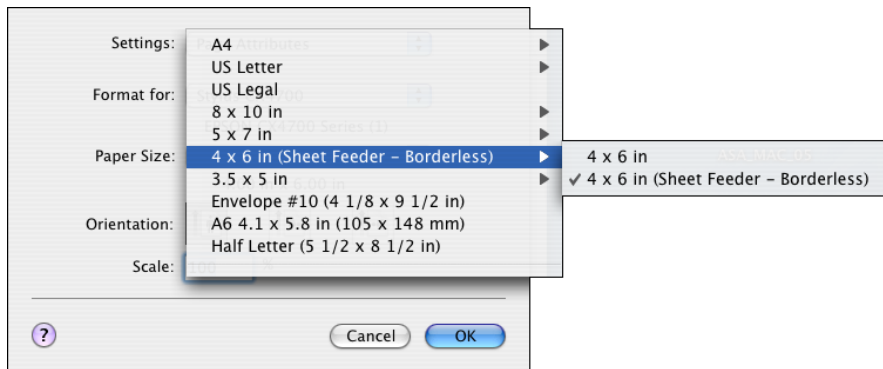




9. If necessary, adjust the Expansion slider in the Borderless box to choose **Min**, **Max**, or the in-between setting.

Min retains most image area in your print, but there may be a small white edge on the borders of the print. **Max** expands the image to ensure that there are no unprinted edges, but the edges of the image may not appear in the print.
10. Click **OK**.
11. At the Print window, click **OK** or **Print**.

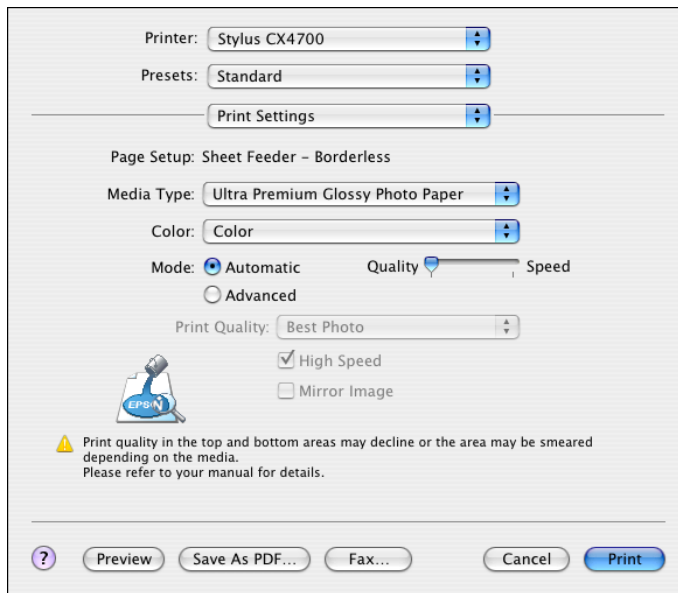
Macintosh OS X

1. Open the File menu and select **Page Setup**. You see a window like this one:



2. Select **Stylus CX4100** or **Stylus CX4700** in the Format for pop-up menu.
3. Select one of the following settings as your Paper Size:
 - 4 x 6 (Sheet Feeder - Borderless)
 - 5 x 7 (Sheet Feeder - Borderless)
 - 8 x 10 (Sheet Feeder - Borderless)
 - US Letter (Sheet Feeder - Borderless)
4. Select  portrait or  landscape as the orientation setting.
5. Click **OK**.
6. Open the File menu and select **Print**.
7. Select **Stylus CX4100** or **Stylus CX4700** in the Printer pop-up menu.

8. Select **Print Settings** from the pop-up menu.

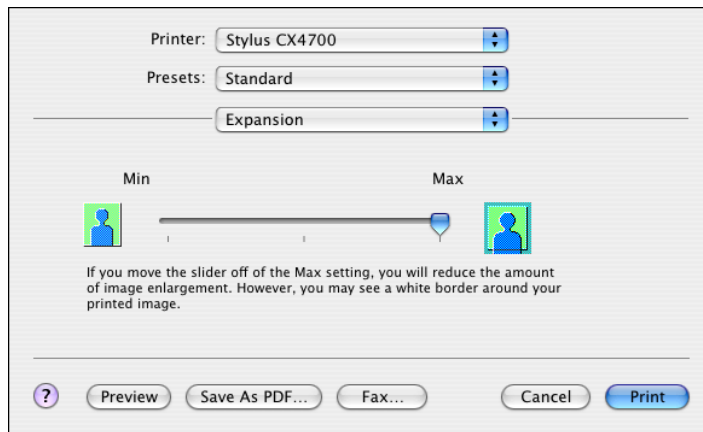


9. Select one of the following for the Media Type option, to match the paper you're using:

- Premium Glossy Photo Paper
- Premium Semigloss Photo Paper
- Ultra Premium Glossy Photo Paper
- Matte Paper - Heavyweight
- Glossy Photo Paper

10. Select **Quality** (for higher quality) or **Speed** (for faster printing) using the slider.

11. Select **Expansion** from the pop-up menu. You see a window like this one:



12. If necessary, adjust the Expansion slider to choose **Min**, **Max**, or the in-between setting.

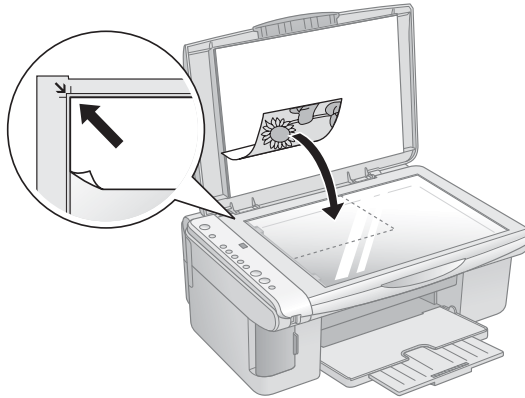
Min retains the most image area in your print, but there may be a small white edge on the borders of the print. **Max** expands the image to ensure that there are no unprinted edges, but the edges of the image may not appear in the print.

13. Click **Print**.

Placing Originals for Scanning

Caution: Do not place heavy objects on the document table glass and do not press the glass with too much force.

1. Open the document cover and place your original face-down on the glass, in the upper left corner. Move your original about 1 mm (0.04 inch) away from the top and left edges so all of it will be scanned.



2. Close the document cover gently so that your original does not move.

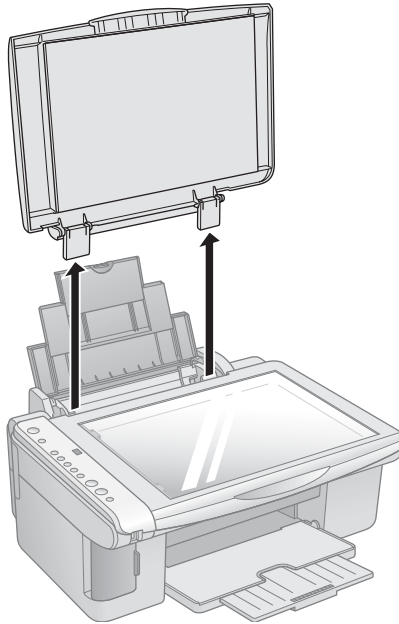
Caution: Never open the document cover beyond where it stops and do not place heavy objects on top of the Stylus CX all-in-one.

Note: If you are scanning a large or thick document, you can remove the document cover. See [Placing Large or Thick Documents](#) for instructions.

To scan your document or photo, see [Starting EPSON Scan](#).

Placing Large or Thick Documents

When you scan a large or thick document, you can remove the document cover. Just open it and pull it straight up.



If you need to press the document flat while you copy or scan it, do not press too hard and be careful not to move it.

Caution: Do not use excessive force on the document cover, and do not twist it diagonally. You may damage the document cover.

When you are done, replace the document cover by inserting the tabs back into the slots.

Starting EPSON Scan

If you want to scan an image and save it directly to a file, you can start EPSON Scan as a “standalone” program.

You can also use any TWAIN-compliant scanning program, such as ArcSoft PhotoImpression, to scan with EPSON Scan. When you are finished, the scanned image opens in your scanning program so you can modify, print, and save it.

EPSON Scan offers three scanning modes. See [Overview of the EPSON Scan Modes](#) for a description.

Then follow the steps in one of these sections to start EPSON Scan:

- [Starting EPSON Scan as a Standalone Program](#)
- [Starting EPSON Scan With Another Scanning Program](#)

Overview of the EPSON Scan Modes

EPSON Scan lets you control all aspects of scanning and includes three modes:

- **Full Auto Mode** lets you scan quickly and easily, without selecting any settings or previewing your image. This is the default mode in EPSON Scan.

Full Auto Mode is best when you need to scan documents or photos at 100% size and you do not need to preview the images before scanning. You can restore faded colors by clicking the **Customize** button.

- **Home Mode** lets you customize some scanning settings and check their effects with a preview image.

Home Mode is best when you want to preview images of photos before scanning them. You can size the image as you scan, adjust the scan area, and adjust many image settings, including color restoration.

- **Professional Mode** gives you total control of your scanning settings and lets you check their effects with a preview image.

Professional Mode is best when you want to preview your image and make extensive, detailed corrections to it before scanning. You can sharpen, color correct, and enhance your image with a full array of tools, including color restoration.

Starting EPSON Scan as a Standalone Program

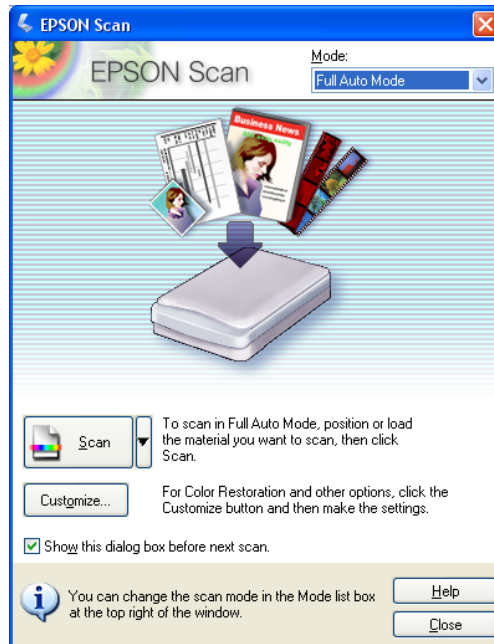
1. Do one of the following to start EPSON Scan:

Windows: Double-click the EPSON Scan icon on your desktop.

Or select **Start > All Programs** or **Programs > EPSON Scan > EPSON Scan**.

Mac OS® X: Open the **Applications** folder and click the EPSON Scan icon.

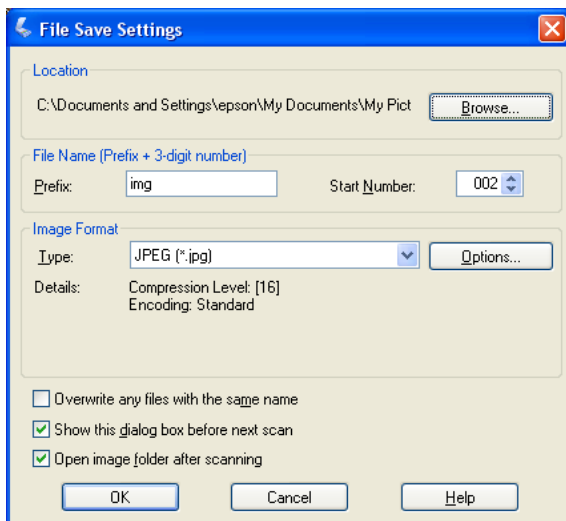
The EPSON Scan standby window appears:



2. If the Mode setting in the upper right corner of the window is set to **Full Auto Mode**, click the **Scan** button. (For instructions on selecting optional settings, see [Using Full Auto Mode](#).)

Note: If you are in Home or Professional Mode, you see the EPSON Scan settings window. For instructions on using Home or Professional Mode, see [Selecting Basic Settings](#). To change scan modes, see [Changing the Scan Mode](#).

3. The File Save Settings window appears. For instructions on selecting options, see Selecting File Save Settings.



4. When you are finished selecting File Save Settings, click **OK**. EPSON Scan starts scanning in Full Auto Mode.
5. The scanned image is automatically saved in the specified location.

If the **Open image folder after scanning** checkbox is selected in the File Save Settings window, Windows Explorer or the Macintosh Finder automatically opens to the folder where the scanned image was saved.

For more information, see Using Full Auto Mode.

Starting EPSON Scan With Another Scanning Program

1. Start your scanning program.

Double-click the program icon from your desktop, if it is available, or do one of the following:

Windows: Select **Start > All Programs** or **Programs > *program folder* > *program icon***.

Mac OS X: Open the **Applications** folder, select the *program folder*, and click the *program icon*.

2. Select your program's scanning option. (See your scanning program help for instructions.)

For example, in ArcSoft PhotoImpression, open the File menu and select **Get Photo**. Then click the **Camera/Scanner** icon.

Note: In some programs, you must select the Stylus CX as the "source" first. If you see a **Select Source** option, choose it and select your Stylus CX there first.

3. Select your Stylus CX all-in-one.

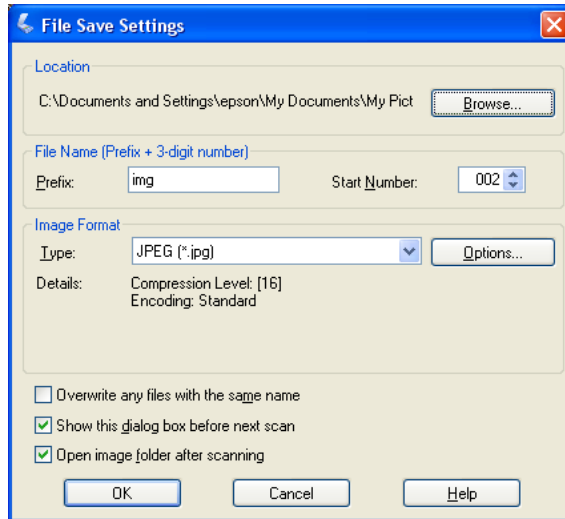
Note: With Windows XP, do not choose a **WIA** option for your Stylus CX; it will not work correctly.

EPSON Scan starts automatically. For instructions on using it, see [Selecting EPSON Scan Settings](#).

Selecting File Save Settings

When you see the File Save Settings window, you need to select the location, name, and format of the scanned image file you want to save.

1. In the File Save Settings window, specify the file folder in which you want to save your scanned image. Click **Browse** (Windows) or **Choose** (Macintosh) and select the folder.



2. Specify a file name prefix with an alphanumeric character string. A 3-digit number is automatically added to the file name, but you can change the Start Number if you like. If you are scanning multiple images at once, each image will receive a different 3-digit number.

Note: With Windows, the following characters cannot be used in the prefix.
 \, /, :, ., *, ?, ", <, >, |. On a Macintosh, you cannot use a colon (:) in the prefix.

3. Select a file format as described in the following table. Depending on the format, the **Options** button may be available for making detailed settings.

Format (File Extension)	Explanation
BITMAP (*.BMP) (Windows only)	A standard image file format for Windows. Most Windows programs, including word processing programs, can read and prepare images in this format.
JPEG (*.JPG)	A compressed file format in which the compression level can be selected. The JPEG format lets you highly compress image data. However, the higher the compression, the lower the image quality. Any lost image quality data cannot be restored and the quality deteriorates each time the data is saved. The TIFF format is recommended when modification and retouching are required.

Multi-TIFF (*.TIF)	A TIFF format where multiple pages are saved to the same file. (With other formats, each document is saved in a separate file.) You can also edit the images before saving them. To open Multi-TIFF files, you need a program that supports it.
TIFF (*.TIF)	A file format created for exchanging data between many programs, such as graphic and DTP software. When scanning black & white images, you can specify the compression type.
PDF (*.PDF)	A document format that can be read on both Windows and Macintosh systems (platform independent). To use PDF documents, you need Adobe Reader® or Acrobat.® Multi-page documents can be saved as one PDF file. When you save color or grayscale images in PDF, you can select a compression level. You can also edit the scanned images before saving them. See Scanning Directly to a PDF File for details.
PICT (*.PCT) (Macintosh only)	A standard image file format for Macintosh. Most Macintosh programs, including word processing programs, can read and prepare images in this format.
PRINT Image Matching II JPEG (*.JPG) or TIFF (*.TIF)	A file format that includes PRINT Image Matching™ II data for enhanced quality and a wider color range. PRINT Image Matching II compatible printers can then print using this data for brilliant, true-to-life results. (PRINT Image Matching data does not affect the way the image displays on a screen.) Available in JPEG or TIFF format.

4. The checkboxes at the bottom of the window give you these options:

■ **Overwrite any files with the same name**

Select this option if you want to reuse the selected file name and location and overwrite previous files with the same names.

■ **Show this dialog box before next scan**

Select this option if you want the File Save Settings window to appear automatically before you scan. If you deselect it, you must click the arrow to the right of the **Scan** button and select **File Save Settings** to open the window.

■ **Open image folder after scanning**

Select this option if you want Windows Explorer or the Macintosh Finder to automatically open to the folder where your scanned image is saved when EPSON Scan finishes scanning.

5. Click **OK**. EPSON Scan starts scanning.

The scanned image is saved in the file and location you chose.

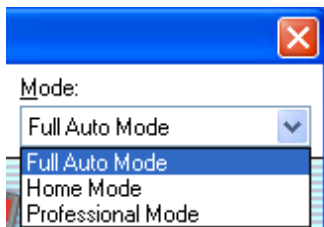
Selecting EPSON Scan Settings

Follow the instructions in these sections to change the EPSON Scan mode, if necessary, and select scanning settings:

- Changing the Scan Mode
- Using Full Auto Mode
- Selecting Basic Settings
- Selecting the Scan Resolution
- Previewing and Adjusting the Scan Area
- Adjusting the Color and Other Image Settings
- Selecting the Scan Size
- Finishing the Scan

Changing the Scan Mode

To change the scan mode, click the arrow in the Mode box at the top right of the EPSON Scan window. Then select the mode you want to use from the list that appears.



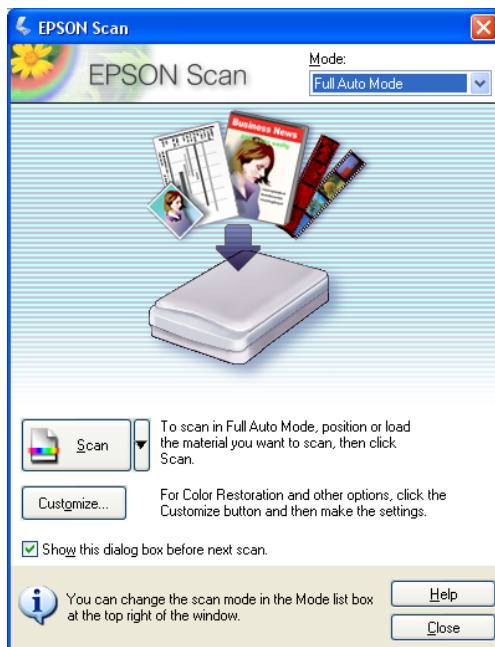
Note: The mode you select remains in effect when you start EPSON Scan the next time.

For instructions on scanning using these modes, see:

- Full Auto Mode: Using Full Auto Mode.
- Home or Professional Mode: Selecting Basic Settings.

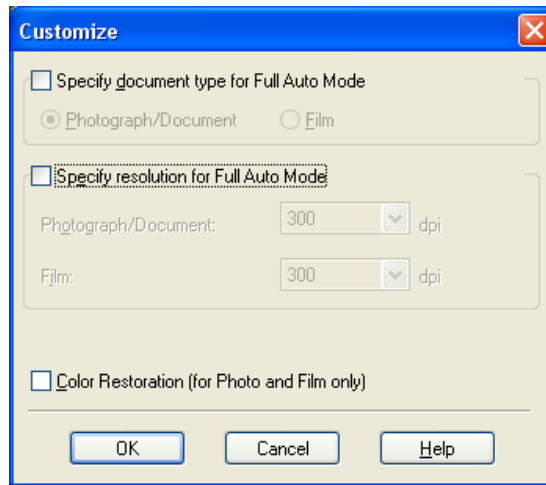
Using Full Auto Mode

When you start EPSON Scan for the first time, it runs in Full Auto Mode and displays the EPSON Scan standby window:



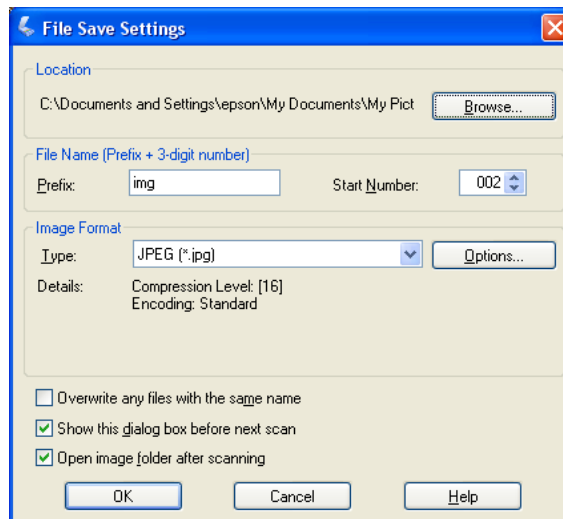
Note: If you want to change the scan mode, see Changing the Scan Mode.

1. If you want to select a custom resolution or restore faded colors in your image, click the **Customize** button. You see the Customize window:



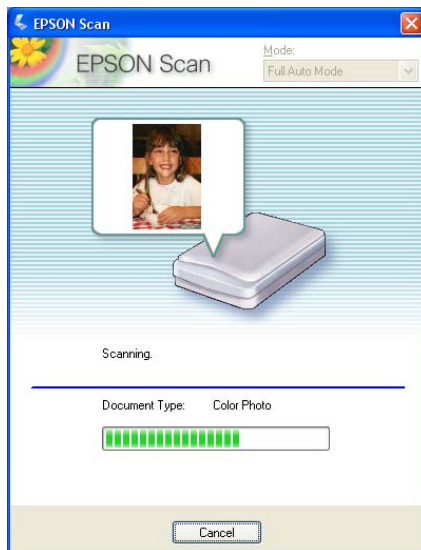
Select your settings and click **OK**. (For details on selecting settings, click the **Help** button.)

2. Click the **Scan** button.
3. The File Save Settings window appears. For instructions on selecting options, see Selecting File Save Settings.



4. When you are finished selecting File Save Settings, click **OK**. EPSON Scan starts scanning in Full Auto Mode.

EPSON Scan previews your image, detects whether it is a photo or document, and selects the scan settings automatically. After a moment, you see a small capture of your image in the EPSON Scan window.



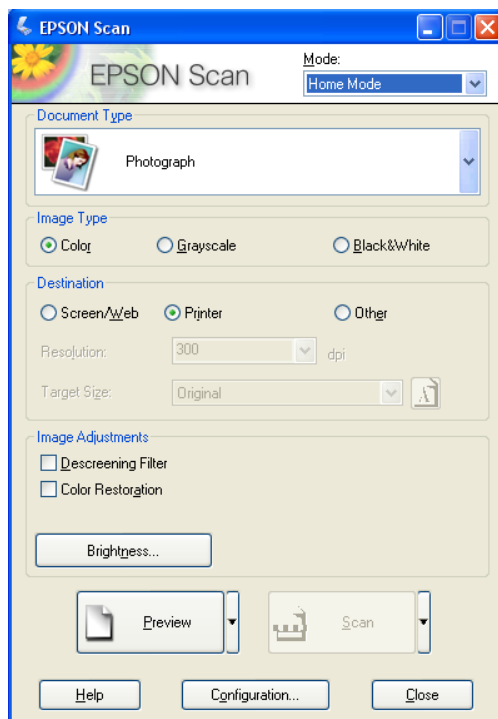
Note: If you need to change any settings, click the **Pause** button. You return to the EPSON Scan standby window. If you need to cancel scanning, click the **Cancel** button when it appears.

5. Depending on how you started EPSON Scan, the program saves the file to the location you specified or opens the scanned image in your scanning program. See [Finishing the Scan](#) for details.

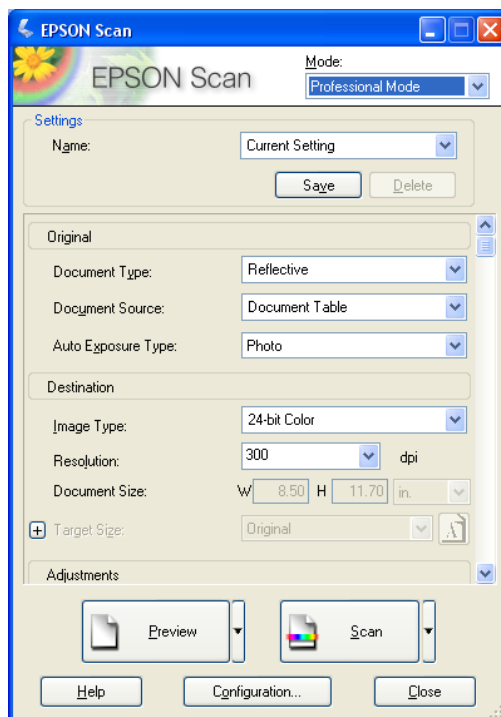
Selecting Basic Settings

When you start EPSON Scan in Home or Professional Mode, you see the main EPSON Scan window:

Home Mode



Professional Mode



Before you scan your document or photo, you need to select these basic settings:

- **Original settings.** These tell EPSON Scan the type of document or photo you are scanning.
- **Destination settings.** These tell EPSON Scan how you plan to use your scanned image so it can select the correct default resolution (scan quality) for you.

Follow these steps to select the basic settings for a document or photo in EPSON Scan:

1. Do one of the following to select your document type:

Home mode:

Click the arrow to open the Document Type list and select the type of original you are scanning. Then click the **Color**, **Grayscale**, or **Black & White** button to select the colors in the original.

Professional mode:

Click the arrow to open the Document Type list and select **Reflective** (for scanning a document or photo). Then click the arrow in the Auto Exposure Type list and select **Document** or **Photo**.

2. Do one of the following to select your destination setting(s):

Home mode:

Click the button for the way you plan to use the scanned image in the Destination box:

- **Screen/Web** for images you will view only on a computer screen or post on the web.
- **Printer** for images you will be printing or converting to editable text with an OCR (Optical Character Recognition) program.
- **Other** if you want to select a specific resolution for other purposes.

Professional mode:

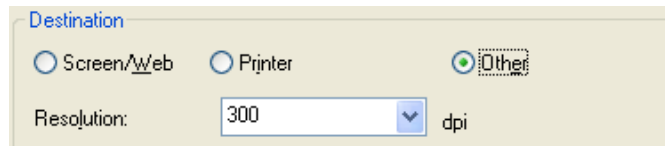
Click the arrow to open the Image Type list and select the detailed image type you are scanning:

Image Type setting	Type of image you are scanning
24-bit Color	Color photo
Color Smoothing	Color graphics, such as a chart or graph
16-bit Grayscale	Black-and-white photo with many shades of gray
8-bit Grayscale	Black-and-white photo with just a few shades of gray
Black & White	Document with black text and/or line art

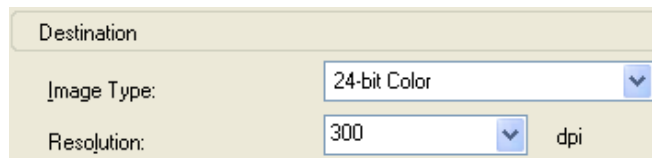
3. EPSON Scan selects a default resolution setting based on the original and destination settings you select. See [Selecting the Scan Resolution](#) to continue scanning.

Selecting the Scan Resolution

In Home Mode, you can change the resolution only if you select **Other** as the Destination setting.



In Professional Mode, you can select the resolution you want at any time.



Before you select the scan resolution, you should consider whether you will enlarge the images, and if so, whether you will enlarge them before or after you scan. Follow these guidelines:

- **You will not be enlarging the images.**

If you will scan the images at 100% size or smaller and will not enlarge them later, you can accept the Resolution setting selected by EPSON Scan based on your original and destination settings.

- **You will enlarge the images as you scan them (increase the Target Size setting).**

If you will enlarge the images in EPSON Scan so you can use them at a larger size, you can accept the Resolution setting selected by EPSON Scan based on your original and destination settings.

- **You will scan the images at their original size, but then enlarge them later in an image-editing program.**

If you plan to enlarge your images later in an image-editing program, you need to increase the Resolution setting to retain a high image quality after enlargement. Increase the resolution by the same amount you will increase the image size. For example, if the resolution is 300 dpi (dots per inch), but you will increase the image size by 200% in an image-editing program, change the Resolution setting to 600 dpi in EPSON Scan.

Click the arrow next to the **Resolution** list and select the number of dots per inch at which you want to scan. See the table below for some guidelines:

What you will do with the scanned image	Suggested scan resolution
Send via e-mail, upload to web, view only on the screen	96 to 150 dpi
Print, convert to editable text (OCR)	300 dpi
Fax	200 dpi
Enlarge after scanning at 100%	Increase Resolution setting by same amount you will increase image size after scanning

After selecting the Resolution, you can preview your image and make any necessary adjustments. See [Previewing and Adjusting the Scan Area](#) to continue scanning.

Previewing and Adjusting the Scan Area

Once you have selected your basic settings and resolution in Home or Professional Mode, you can preview your image and select or adjust the area of the image(s) you want to scan. EPSON Scan displays the preview image(s) in a separate Preview window on your screen.

There are two types of preview:

- **Normal preview** displays your previewed images in their entirety. You must select the scan area and make any image quality adjustments manually. **Normal** is the default preview type in Professional Mode, but you can also select it in Home Mode, if available.
- **Thumbnail preview** displays your previewed images as thumbnails. EPSON Scan automatically locates the edges of your scan area and applies automatic exposure settings to the images. **Thumbnail** is the default preview type in Home Mode, but you can also select it in Professional Mode, if available.

Note: Depending on your document type and other settings, Normal preview may be automatically selected and you will not be able to change to Thumbnail preview.

Follow these steps to preview your image(s) in Home or Professional Mode:

1. Click the **Preview** button toward the bottom of the EPSON Scan window. If you want to check or change the preview type, click the arrow next to the **Preview** button, if it is available.

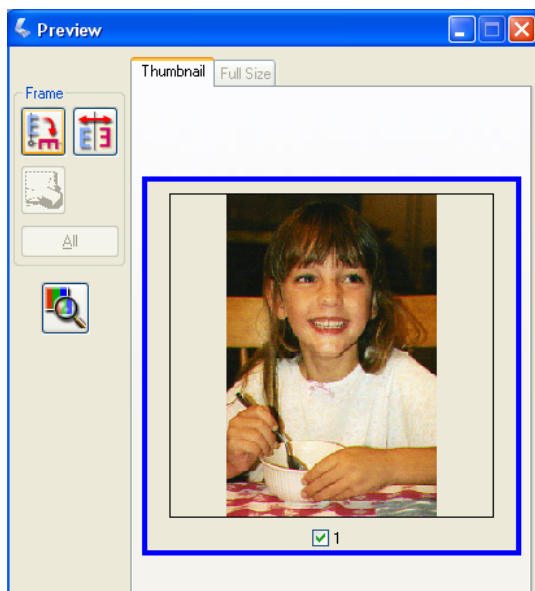




EPSON Scan prescans your image(s) and displays them in one of the following Preview windows:


Normal preview



Thumbnail preview



2. If you are viewing the Thumbnail preview, you can do the following to adjust the image(s):
 - To zoom in on an image, double-click its thumbnail, or click the thumbnail and then click the **Full Size** tab near the top of the Preview window. (Available only when you've scanned multiple images at one time.)
 - To rotate an image or flip it horizontally (like a mirror image), click its thumbnail and then click the  rotation icon or  mirroring icon.
 - To adjust the scan area to crop your image, you can create and move a marquee that marks the edges of your scan. See [Adjusting the Scan Area \(Marquee\)](#) for instructions.
 - To adjust the image quality, click the image(s) you want to modify and make the adjustments as described in [Adjusting the Color and Other Image Settings](#). If you want to apply the adjustments you have made to all your images, click the **All** button.
3. If you are viewing the Normal preview, you can do the following to adjust the image(s):

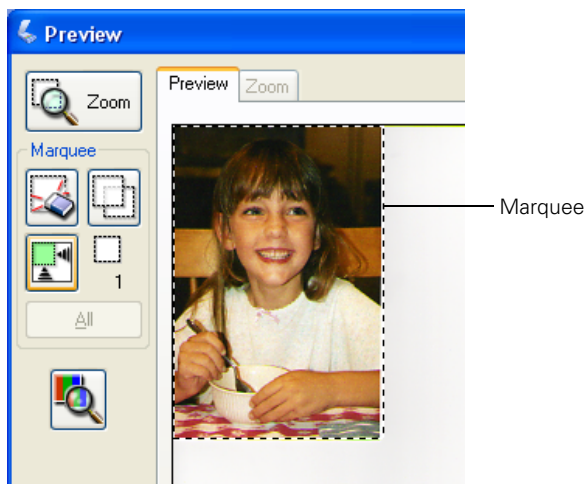
- To select your scan area, click the  auto locate icon to place a marquee that marks the edges of your image area. You can move the marquee to change the scan area. See [Adjusting the Scan Area \(Marquee\)](#) for instructions.

Note: If you are going to scan at a different size than your original, you must first select your Target Size and automatically create a marquee that is proportioned to that size. See [Selecting the Scan Size](#) for instructions. You can then copy the marquee and place it on each image you will scan at that size.

- To zoom in on an image, click inside the scan area and click the **Zoom** button. EPSON Scan prescans again and displays a larger preview on the Zoom tab. (Your other images are still previewed at the original size on the Preview tab.)
 - To adjust the image quality, click the image(s) you want to modify and make the adjustments as described in [Adjusting the Color and Other Image Settings](#).
4. When you have finished adjusting the scan area, and modifying the color and image settings, you can select the size of your scanned image, if you have not already selected it. See [Selecting the Scan Size](#) for instructions.

Adjusting the Scan Area (Marquee)

A marquee is a moving dotted line that appears on the edges of your preview image to indicate the scan area.



You can move the marquee, adjust its size, and create multiple marquees on one image (Normal preview only) to scan different image areas in separate scan files. Follow these steps:

1. To draw a marquee, move your cursor over a preview image. The pointer becomes a set of cross-hairs.
2. Position the pointer in the area where you want to place the corner of your marquee and click. Hold down the mouse button and drag the cross-hairs over the image to the opposite corner of the desired scan area. Then release the mouse button. You see the moving dotted line of the marquee.

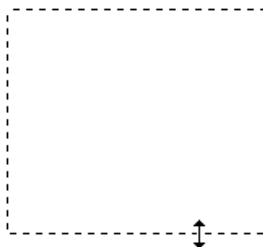


3. Do one of the following to adjust the marquee:



- To move the marquee, position your cursor inside the marquee. The pointer becomes a hand. Click and drag the marquee to the desired location.



- To resize the marquee, position your cursor over the edge or corner of the marquee. The pointer becomes a straight or angled double-arrow. Click and drag the edge or corner to the desired size.



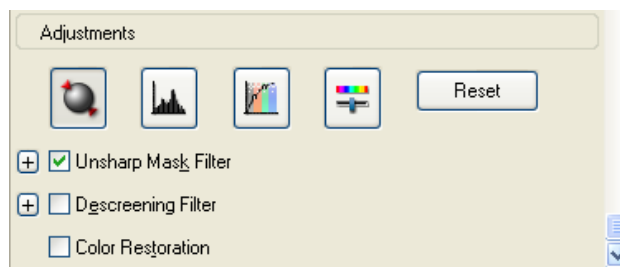
Note: To restrict movement of the marquee to vertical or horizontal only, hold down the **Shift** key as you move the marquee. To restrict sizing of the marquee to the current proportions, hold down the **Shift** key as you resize the marquee.

4. To draw multiple marquees (up to 50; Normal preview only), you can just draw them as described in steps 1 through 3, or click the  copy marquee icon to create additional marquees of the same size. You can move and resize all the marquees as described in step 3. To delete a marquee, click inside it and click the  delete marquee icon.

Adjusting the Color and Other Image Settings




Once you have previewed your images and adjusted the scan area, you can modify the image quality, if necessary. EPSON Scan offers a variety of settings for improving color, sharpness, contrast, and other aspects affecting image quality.





Before you make adjustments, be sure to click the image or marquee for the area you want to adjust. In Professional Mode, you also need to scroll down to the Adjustments area of the main EPSON Scan window:




The table below describes the settings available in Home and/or Professional Mode. For details on adjusting these settings, click **Help** in the EPSON Scan window.

When you are finished making adjustments, you can size your scanned images (see [Selecting the Scan Size](#)) or go ahead and scan (see [Finishing the Scan](#)).

Setting	Available mode(s) and description
Color Restoration	Home and Professional: Restores the colors in faded photos automatically.
Brightness	Home and Professional: Adjusts the overall image lightness and darkness. In Home Mode, click the Brightness button to access the Brightness setting. In Professional Mode, click the  Image Adjustment button to access the Brightness setting.
Contrast	Home and Professional: Adjusts the difference between the light and dark areas of the overall image. In Home Mode, click the Brightness button to access the Contrast setting. In Professional Mode, click the  Image Adjustment button to access the Contrast setting.
Saturation	Professional only: Adjusts the density of colors in the overall image. Click the  Image Adjustment button to access the Saturation setting.

Color Balance	<p>Professional only: Adjusts the balance of red, green, and blue colors in the overall image.</p> <p>Click the  Image Adjustment button to access the Color Balance setting.</p>
Auto Exposure	<p>Home: Automatically applied.</p> <p>Professional: Click the  Auto Exposure button. To turn it on continuously, click the Configuration button, click the Color tab, and select Continuous auto exposure. You can adjust the level of exposure adjustment using the slider.</p>
Unsharp Mask Filter	<p>Home: Automatically applied.</p> <p>Professional: Turn on to make the edges of image areas clearer for an overall sharper image. The level of sharpness is adjustable. Turn off to leave softer edges.</p>
Descreening Filter	<p>Home and Professional: Removes the rippled pattern that can appear in subtly shaded image areas, such as in skin tones. Also improves results when scanning magazine or newspaper images which include screening in their original print processes. The results of the Descreening Filter do not appear in the preview image, only in your scanned image.</p>
Histogram	<p>Professional only: Provides a graphical interface for adjusting highlight, shadow, and gamma levels individually. For advanced users only.</p> <p>Click the  Histogram Adjustment button to use the Histogram settings.</p>
Tone Correction	<p>Professional only: Provides a graphical interface for adjusting tone levels individually. For advanced users only.</p> <p>Click the  Tone Correction button to use the Tone Correction settings.</p>
Threshold	<p>Home and Professional: Adjusts the level at which the black areas in text and line art are delineated, improving text recognition in OCR programs. (Available only when you select Black & White as the Image Type setting.)</p> <p>In Home Mode, click the Brightness button to access the Threshold setting.</p>

Note: To view the red, green, and blue levels at particular points in your preview image as you make adjustments, click the  densitometer icon in the preview window and click an image area. See EPSON Scan help for details.

Certain settings may not be available, or may be automatically selected, depending on the type of image you are previewing and other settings you have selected.

You can customize how certain EPSON Scan settings behave by clicking the **Configuration** button and changing settings in the window that appears. See EPSON Scan Help for details.

To undo any image quality adjustments you make to the preview image, click the **Reset** button (if available), turn off the setting, or preview your image again.

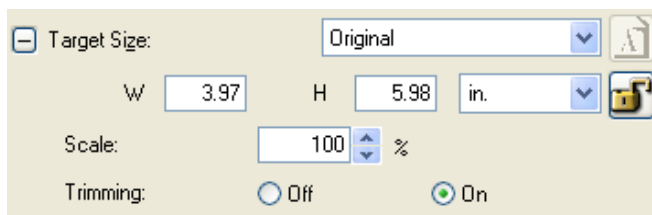
Selecting the Scan Size

You can scan your images at their original size, or you can reduce or enlarge their size as you scan them. You do this using the Target Size setting in Home or Professional Mode.

Home Mode



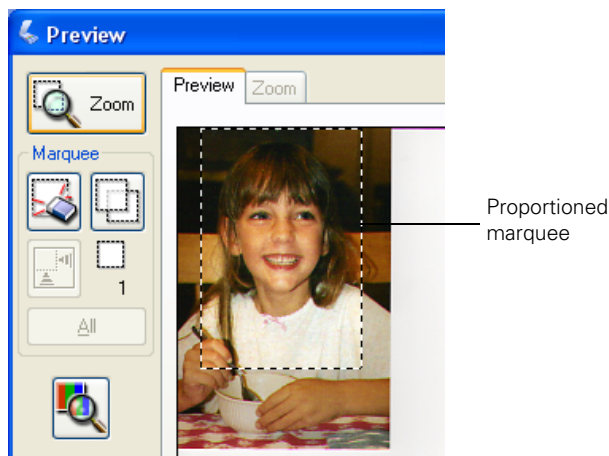
Professional Mode



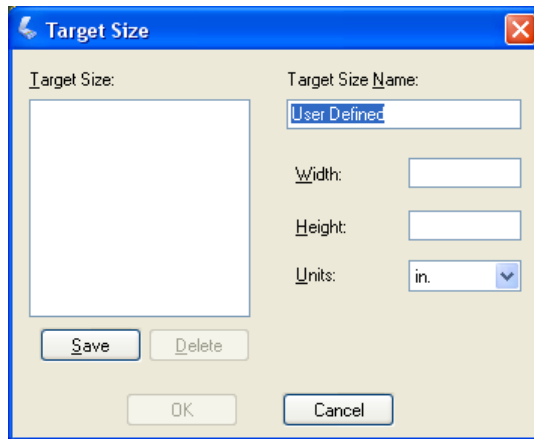
If you are going to scan your image to a particular size, such as 8 × 10 inches, you should select the Target Size setting after previewing it, but before adjusting your scan area (indicated by the marquee). This sets the scan area to the correct proportions so your image will not be cropped unexpectedly.

For instructions on previewing your image(s), see [Previewing and Adjusting the Scan Area](#). Then follow these steps to select the Target Size setting:

1. You can choose a predefined scan size from the Target Size list. Click the arrow in the list and select the size you want. A marquee (dotted line) proportioned for that size appears on your preview image:

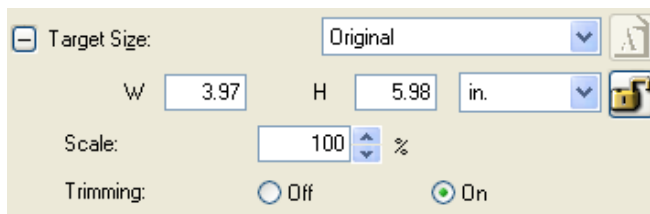



2. If you need to create a scan size that is not in the Target Size list, you can create a custom size. Click the arrow in the list and select **Customize**. You see the Target Size window:




Type a name for your custom size, enter the size, click the **Save** button, then click **OK**. Your new size appears in the Target Size list.

3. In Professional Mode, you can fine-tune the size using additional tools. Click the + (Windows) or ► (Macintosh) next to **Target Size** to display these tools:



- To size your image by a certain percentage, adjust the **Scale** value.
 - To change the way your image is cropped, turn **Trimming** on or off. (See EPSON Scan Help for details.)
 - To unlock the proportions of your scan size, click the  lock icon. Then adjust the marquee or enter new width/height measurements.
4. Once you have selected your scan size, you can click and drag the marquee to the area in the image you want to scan. For details, see [Adjusting the Scan Area \(Marquee\)](#). The marquee proportions are retained as you adjust it.

If you need to rotate the marquee for a landscape or portrait image, click the  orientation icon. (Not available if you are scanning at the **Original Target Size**.)

Note: For more information about using the Target Size tools, click **Help** in the EPSON Scan window.

5. Now you are ready to scan your image(s). See [Finishing the Scan](#) for instructions.

Finishing the Scan

When you have finished selecting scan settings, you are ready to scan. Click the **Scan** button. After a few moments, your images are scanned.



What happens after you scan depends on how you started your scan:

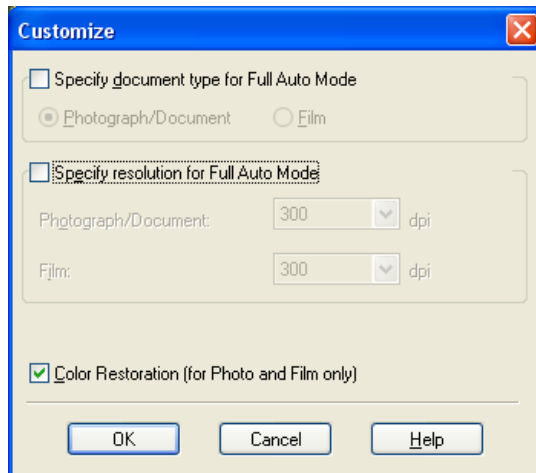
- If you started your scan by running EPSON Scan as a standalone program, you see the File Save Settings window. This lets you select the name and location of your saved scan files. See [Selecting File Save Settings](#) for details.
- If you started your scan from a scanning program such as ArcSoft PhotoImpression, your scanned image(s) open in the program window. Click **Close** to close the EPSON Scan window and view your image(s) in the program.

Restoring Color in Photos

Using the **Color Restoration** feature in EPSON Scan, you can automatically transform an old, faded, or badly exposed photo into one with true-to-life color and sharpness as you scan.

Follow these steps to restore colors using EPSON Scan:

1. Place your original photo on the scanner. See [Placing Originals for Scanning](#) for instructions:
2. Start EPSON Scan. See [Starting EPSON Scan](#) for instructions:
3. When the EPSON Scan window appears, do one of the following, depending on the currently selected scan mode:
 - **Home or Professional Mode:** go to [step 4.](#)
 - **Full Auto Mode:** click the **Customize** button, click the **Color Restoration** checkbox, and click **OK**. Continue with [step 9.](#)

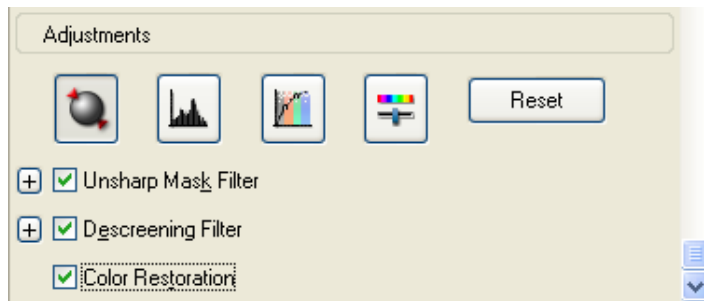


Note: For details on using Full Auto Mode, see [Using Full Auto Mode](#).

To change the scan mode, see [Changing the Scan Mode](#).

4. Select the basic settings for the type of original(s) you are scanning, then select the destination setting for the way you will use your image(s). See [Selecting Basic Settings](#) for instructions:

5. Click the **Preview** button to preview your image(s), then select your scan area. See [Previewing and Adjusting the Scan Area](#) for instructions:
6. Do one of the following to select the Color Restoration option:
 - **Home Mode:** Click the Color Restoration checkbox.
 - **Professional Mode:** Scroll down to the Adjustments area and click the Color Restoration checkbox.



7. Make any other necessary image adjustments. See [Adjusting the Color and Other Image Settings](#) for instructions:
8. Size your image as necessary. See [Selecting the Scan Size](#) for instructions:
9. Click the **Scan** button to scan and restore the color in your image(s).

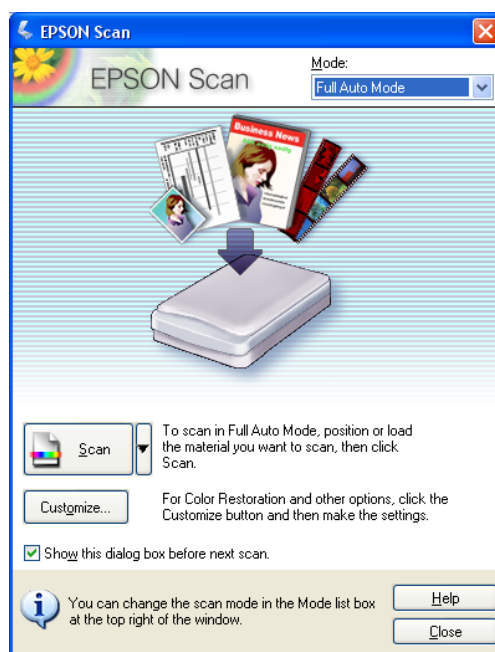
What happens next depends on how you started EPSON Scan. See [Finishing the Scan](#) for details.

Scanning Directly to a PDF File

You can scan multiple pages of a document on the document table and save them as one PDF file on your computer. EPSON Scan displays an editing page so you can view the pages as you scan them and reorder, rotate, or delete them as necessary.

1. Place the first page of your original document on the document table. See [Placing Originals for Scanning](#) for instructions.

2. Start EPSON Scan. See [Starting EPSON Scan](#) for instructions:

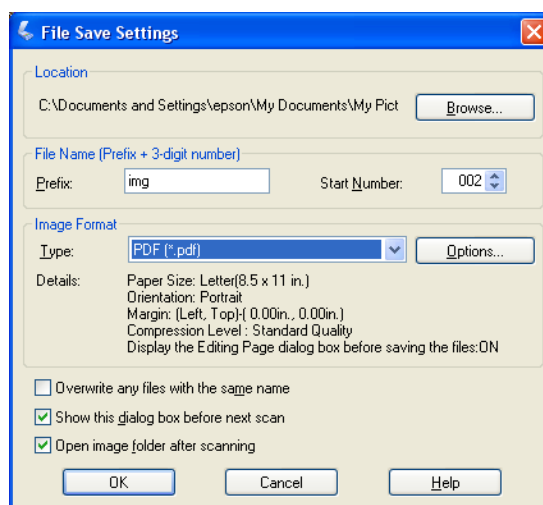


3. If the Mode box at the top right of the EPSON Scan window is set to **Full Auto Mode**, click the **Scan** button.

If the Mode box is set to **Home Mode** or **Professional Mode**, see [Selecting Basic Settings](#) for instructions.

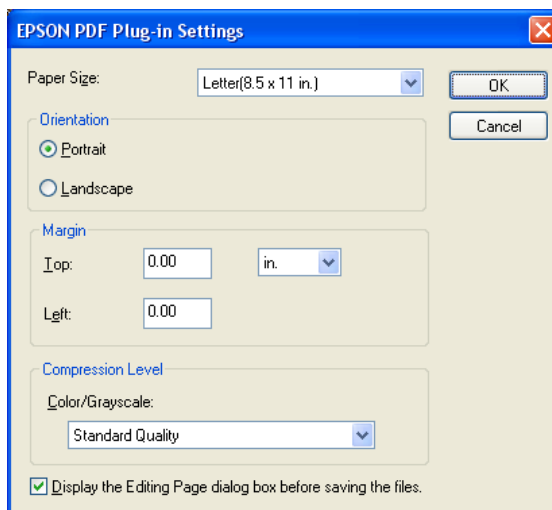
Note: If you want to change the scan mode, see [Changing the Scan Mode](#).

The File Save Settings window appears:



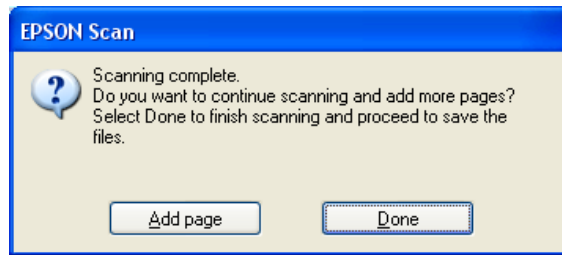
Select **PDF** as the file type setting. The current Paper Size, Orientation, Margin, and Compression setting are displayed below it.

4. If you need to change any of the current PDF settings, click the **Options** button. You see the EPSON PDF Plug-in Settings window:

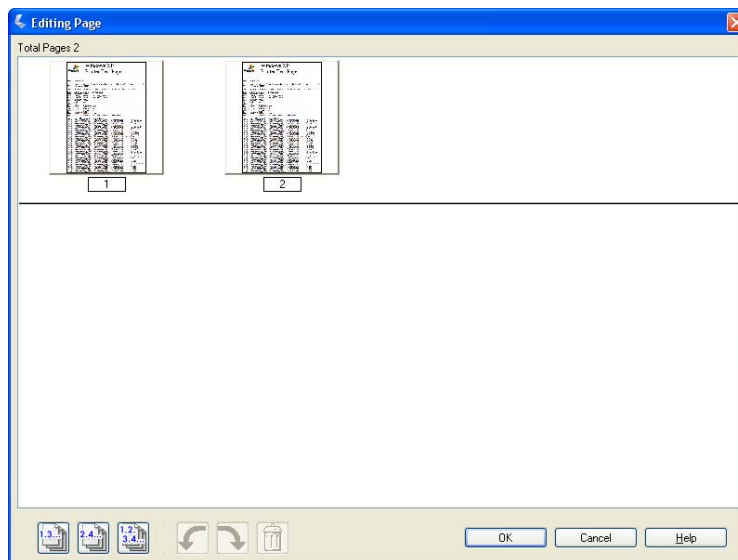


Select the settings that match your document and click **OK**. You return to the File Save Settings window.

5. When you are finished selecting file settings, click **OK**. EPSON Scan scans your page and displays this window:











6. If you are scanning only one document page, click **Done** and go to step 7.
If you are scanning multiple pages, click **Add page** and replace the first page on the document table with the second page and click **Scan**. Repeat this step for each page in your document. When you are finished, click **Done** and go to step 7.
7. You see the Editing Page window displaying thumbnail images of each scanned page:




Note: If you cleared the **Display the Editing Page** dialog box before saving the files checkbox on the EPSON PDF Plug-in Settings window, you do not see the Editing Page window. Go to step 9.

If you want to include all the document pages in your PDF file as they currently look, go to step 8.

If you want to include only some of the pages, click the  odd pages or  even pages icons, or click the individual pages you want to include.

If you want to rotate or delete pages, click the pages or use the  odd pages,  even pages, or  all pages icon to select the pages. Then click the  left or  right rotate icon to rotate them or the  delete icon to delete them.

Note: The  delete icon is not available when all document pages are selected.

8. When you have finished editing your document pages, click **OK**. Your document is saved in a PDF file in the location you selected and you return to the EPSON Scan window.
9. Click **Close** to exit EPSON Scan.

Copying Photos To and From a Memory Card (Epson Stylus CX4700 Series)

You can copy photo files to and from a memory card inserted in a card slot the Epson Stylus CX4700 Series all-in-one when it is connected to your computer. Make sure to follow the guidelines in Memory Card Copying Precautions before you copy photo files.

Follow the steps in these sections to copy photo files to and from the card and your computer:

- Copying Photo Files to Your Computer
- Copying Photo Files to Your Memory Card

When you finish copying files to or from a memory card, see Disconnecting or Turning Off the Epson Stylus CX4700 Series for additional instructions.

Memory Card Copying Precautions

Keep the following in mind when copying photos to and from your memory card and computer:

- Check for any handling guidelines in the documentation that came with your memory card and adapter.
- Do not eject your memory card or turn off the CX4700 Series while the memory card access light is flashing or you may lose data.
- Make sure that your memory card is not write-protected. Many memory cards have a write-protect switch or seal.
- Do not copy photos to or from a memory card while you're printing from the memory card.

Copying Photo Files to Your Computer

First install your Epson Stylus CX4700 Series software and connect it to your computer as described on the *Start Here* sheet. Then insert your memory card following the instructions in the printed *Quick Guide*.

1. Do one of the following:

Windows XP: Click **Start** and select **My Computer**.

Windows 98, Me, or 2000: Double-click the **My Computer** icon on your desktop.

Macintosh OS X: Go to step 2.

2. Double-click the removable disk icon, then select the folder in which your photo files are saved.
3. Select the photo files you want to copy and drag them to a folder on your computer's hard drive.
4. When you're finished, follow the steps in [Disconnecting or Turning Off the Epson Stylus CX4700 Series](#) before turning off the CX4700 Series.

Copying Photo Files to Your Memory Card

First install your CX4700 Series software and connect it to your computer as described on the *Start Here* sheet.

Before inserting your memory card, make sure the write-protect switch or seal is set to allow writing to the memory card. Then insert your memory card following the instructions in the printed *Quick Guide*.

Note: After copying a photo to a memory card from a Macintosh computer, an older digital camera not be able to read the memory card.

1. Do one of the following:

Windows XP: Click **Start** and select **My Computer**.

Windows 98, Me, or 2000: Double-click the **My Computer** icon on your desktop.

Macintosh OS X: Go to step 2.


2. Double-click the removable disk icon, then select the folder in which you want to save your photo files.
3. Select the folder on your computer's hard drive that contains the photo files you want to copy. Then select the photo files and drag them to the folder on your memory card.

4. When you're finished, follow the steps in Disconnecting or Turning Off the Epson Stylus CX4700 Series before disconnecting or turning off the CX4700 Series.


Disconnecting or Turning Off the Epson Stylus CX4700 Series

When you finish copying files to or from a memory card, follow the steps in this section to properly handle the memory card before disconnecting or turning off the CX4700 Series.

Windows XP

1. Click the  icon on the task bar.
2. Select **Safely remove USB Mass Storage Device**.
3. Turn off the CX4700 Series or disconnect the USB cable.

Windows 2000


1. Make sure that the memory card access light and the  On light are not flashing.
2. Turn off your computer.
3. Turn off the CX4700 Series or disconnect the USB cable.

Note: If you turn off the CX4700 Series or disconnect the USB cable before turning off your computer, you see the message "Problem Ejecting USB Mass Storage Device."

Windows Me and 98


1. Double-click the **My Computer** icon on the desktop.
2. Right-click the **Removable Disk** icon and click **Eject**.
3. Turn off the CX4700 Series or disconnect the USB cable.


Macintosh

1. Drag the removable disk icon () from your desktop into the trash.
2. Turn off the CX4700 Series or disconnect the USB cable.

Cleaning the Print Head

If your printouts are unexpectedly light or faint, or you notice light or dark bands across your printout, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.




You can clean the print head using the  ink button on the Stylus CX all-in-one or using the Head Cleaning utility on your computer. You can also run a nozzle check to see if the print head needs cleaning. (To use the buttons on your Stylus CX to perform these functions, see the *Quick Guide*.)

Note: If the red  ink light comes on or flashes, you cannot clean the print head. In this case, replace the appropriate ink cartridge first.

Caution: If you don't use your Stylus CX often, it is a good idea to print a few pages at least once a month to maintain good print quality.

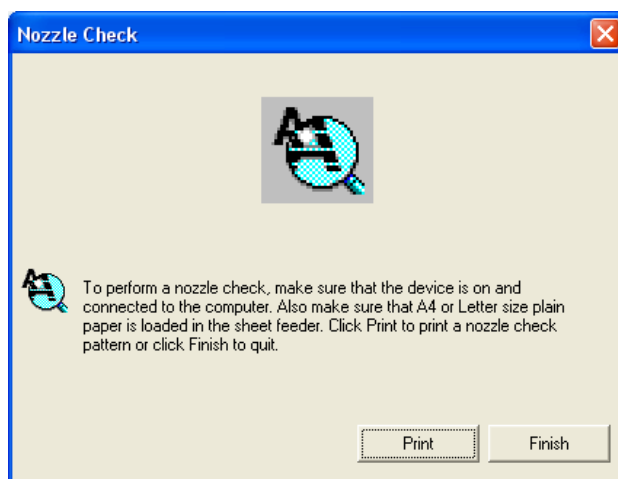
- Checking the Print Head Nozzles
- Running the Head Cleaning Utility
- Examining the Nozzle Check Pattern

Checking the Print Head Nozzles

1. Make sure the Stylus CX is turned on but not printing, and the red  ink light is off. (If the  ink light is flashing or on, you need to replace a cartridge.)
2. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select **Nozzle Check**.

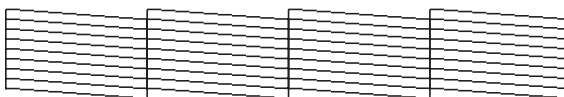
Macintosh OS X: Open the Applications folder and select EPSON Printer Utility. Select your Stylus CX in the printer list, click OK, and select Nozzle Check.

You see a screen like the following:



3. Click **Print**. The nozzle check pattern prints:

Print head does
not need to be
cleaned yet:






Print head needs
to be cleaned:



4. If there are no gaps or lines, click **Finish**.

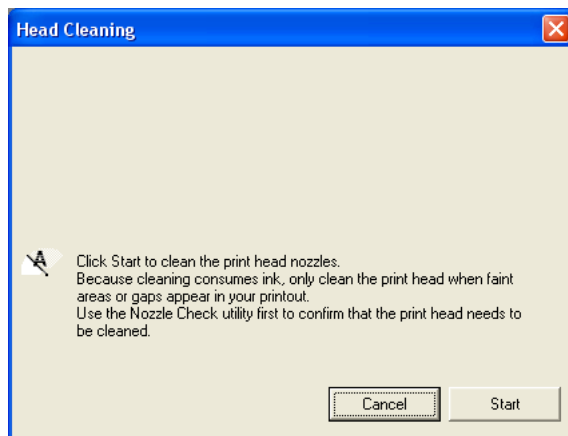
If there are gaps or lines, or the test patterns are faint, click **Clean**. Then follow the steps in [Running the Head Cleaning Utility](#) to clean the nozzles.

Running the Head Cleaning Utility


1. Make sure the Stylus CX is turned on but not printing, and the red  ink light is off. (If the  ink light is flashing or on, you need to replace a cartridge. See [Replacing an Ink Cartridge](#).)
2. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select **Head Cleaning**.

Macintosh OS X: Open the Applications folder and select EPSON Printer Utility. Select your Stylus CX in the printer list, click OK, and select Head Cleaning.


You see a screen like the following:



3. Click **Start** or **Next**.

Cleaning takes several seconds. The Stylus CX runs a head cleaning cycle and the  **On** light flashes.

Caution: Never turn off the Stylus CX while head cleaning is in progress. You may damage it.

4. When the  **On** light stops flashing, make sure paper is loaded in the Stylus CX, then do the following:

Windows: Click **Print Nozzle Check Pattern**. Then click **Print**.

Macintosh: Click **Confirmation**, then click **Next**.

The nozzle check pattern prints (see [Examining the Nozzle Check Pattern](#) for details).

5. If there are no gaps or lines, click **Finish**.

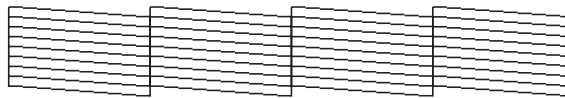
If there are still gaps or lines, or the test patterns are faint, click **Clean** to clean the print head again.

If you don't see any improvement after cleaning four or five times, refer to [Problems and Solutions](#). You can also turn the printer off and wait overnight. This lets any dried ink soften. Then try cleaning the print head again.

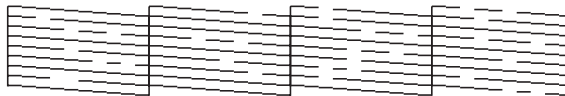
Tip: If you do not use your Stylus CX often, it is a good idea to print a few pages at least once a month to maintain good print quality.

Examining the Nozzle Check Pattern



Examine the nozzle check pattern you printed. Each staggered line should be solid, with no gaps, as shown.




- If there are no gaps or lines, click **Finish**.
- If you see any gaps (as shown below), or the test patterns are faint, click **Clean** to clean the print head again.



Replacing an Ink Cartridge

- When the red  ink light flashes, one or more ink cartridges are low on ink.
- When the red  ink light stays on, you need to replace the cartridge(s).

You'll also see a message on your screen when you print telling you which cartridge is low or empty. (You cannot print when a cartridge is empty.)


When a cartridge is more than six months old, you may need to replace it if printouts don't look their best. If the quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the red  ink light is off.

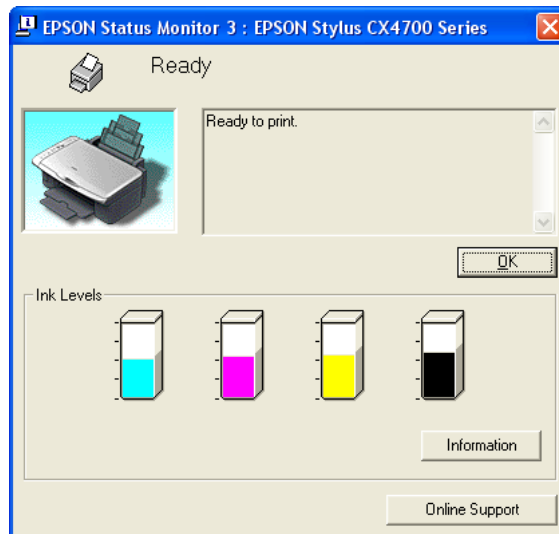
- [Checking the Ink Supply](#)
- [Purchasing Ink Cartridges](#)

- Ink Cartridge Precautions
- Removing and Installing Ink Cartridges

Checking the Ink Supply

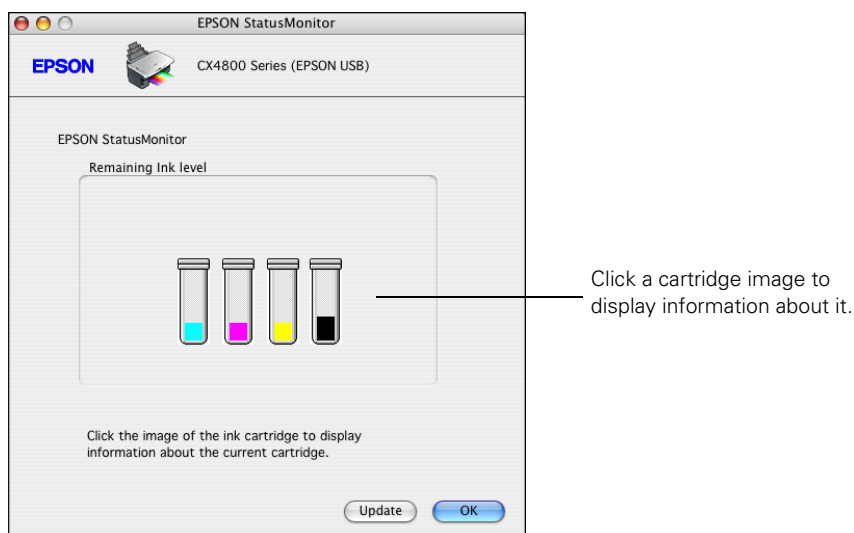
To check your ink supply, do the following:

- **Windows:** Double-click the  icon on your taskbar (in the lower right corner of your screen). You see a window like the following:



- **Macintosh OS X:** Open the Applications folder and select EPSON Printer Utility. Select your Stylus CX in the printer list, click OK, and select EPSON StatusMonitor.

You see a window like this:



Purchasing Ink Cartridges

Use these Epson ink cartridges within six months of installing them and before the expiration date on the package.

Color	Part number
Black	T063120
Cyan	T063220
Magenta	T063320
Yellow	T063420

We recommend that you use genuine Epson cartridges. The use of other products may affect your print quality and could result in printer damage. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. The printer ships with full cartridges and part of the ink from the first cartridges is used for priming the printer.

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call your nearest Epson sales office as described in [Where To Get Help](#).

Ink Cartridge Precautions

Warning: Keep ink cartridges out of the reach of children and don't drink the ink.

Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.

Caution: Do not put your hand inside the Stylus CX all-in-one or touch any cartridges during printing.

Install a new ink cartridge immediately after removing an empty one. Leaving cartridges uninstalled can dehydrate the print head and may prevent the Stylus CX from printing.

If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the Stylus CX. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.

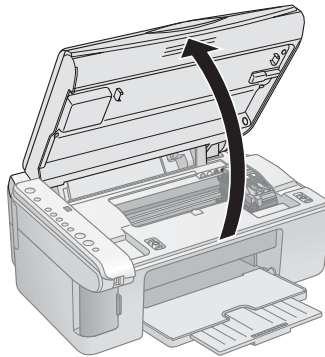
Removing and Installing Ink Cartridges

Be sure you have a new ink cartridge before you begin. Once you start replacing a cartridge, you must complete all the steps in one session.




Caution: Leave the empty cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out. To ensure good results, use genuine Epson ink cartridges and do not refill them. Other products may cause damage to your Stylus CX not covered by Epson's warranty.


1. Make sure the Stylus CX is on.

2. Make sure that the document cover is closed, then open the scanner.

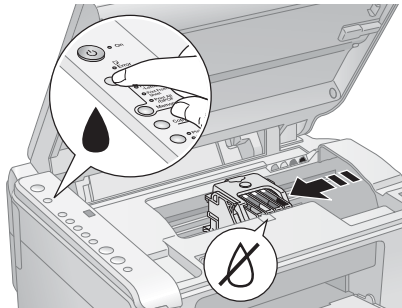



Caution: Do not open the scanner when the document cover is open.


3. Press and release the  ink button. The  On and  ink lights flash.


If one of the cartridges is low or empty, the Stylus CX moves that cartridge to the  ink out mark. Go to step 4.


If no cartridges are low or empty, the ink cartridge holder moves to the ink replacement position. Go to step 5.



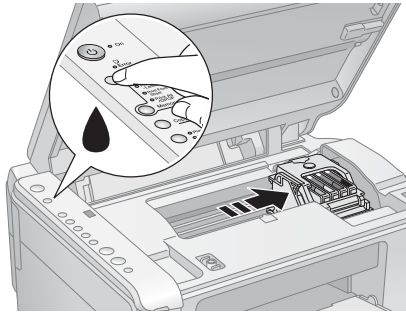
Note: Do not hold down the  ink button for more than 3 seconds or the printer will start to clean the print head.

Caution: Do not move the print head by hand; this may damage the Stylus CX. Always press the  ink button to move it.

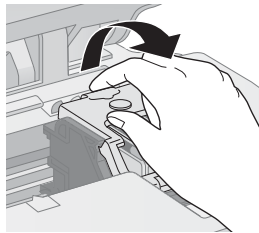
4. Press the  ink button again.

- If more than one cartridge is empty or low, the next cartridge moves to the  ink out mark.

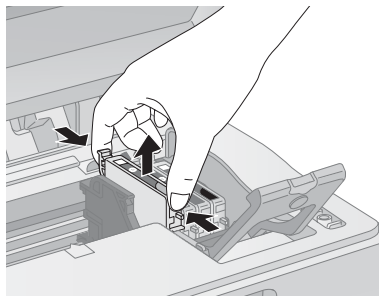
- Once the Stylus CX has identified all of the empty or low ink cartridges, the print head moves to the ink cartridge replacement position.



5. Open the cartridge cover.

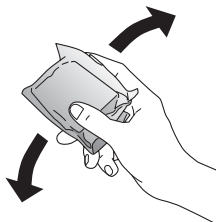


6. Squeeze the tab at the back of the cartridge and lift it straight out. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



Warning: If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.

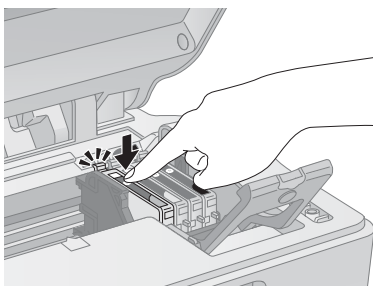
7. Before you open the new ink cartridge package, shake it four or five times. Then remove it from the package.



Caution: Do not touch the green chip on the front of the cartridge. This can damage the ink cartridge.

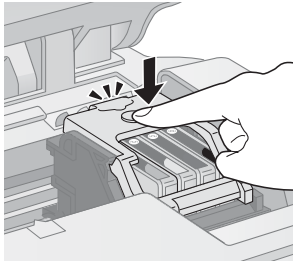


8. Place the new ink cartridge into the cartridge holder and push it down until it clicks into place.

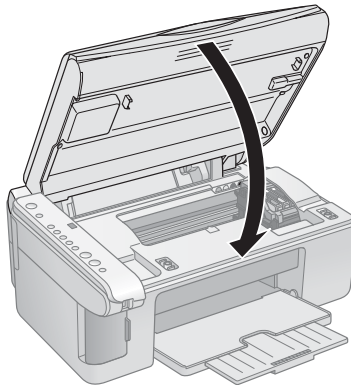






9. Replace any other cartridges that need to be replaced.

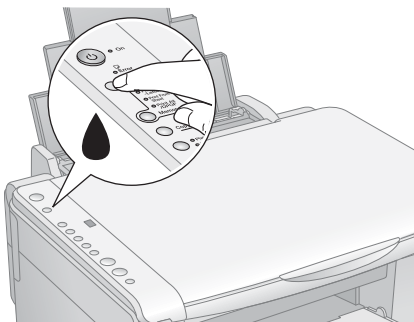
10. Close the ink cartridge cover and press it until it clicks into place.






11. Close the scanner.



12. Press the  ink button. The Stylus CX begins charging ink and the  On light starts flashing. This takes about one minute. When it's finished, the  On light stops flashing and remains on, and the  ink light goes out.




Caution: Never turn off the Stylus CX while the  On light is flashing or you'll waste ink.

Note: If the  ink light stays on (not flashing), the ink cartridge may not be installed correctly. Press the  ink button again and reinstall the ink cartridge until it clicks into place.

Aligning the Print Head

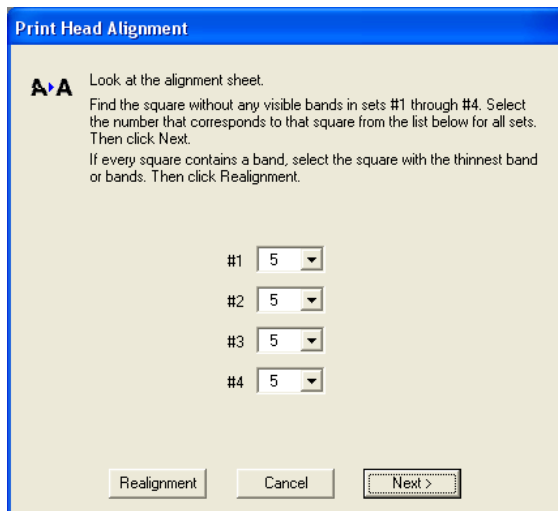
If your printouts look grainy or blurry, or you see light or dark horizontal banding, you may need to align the print head.

Note: Banding may also occur if your cartridges are low on ink or you need to clean the print head.

1. Turn on the Stylus CX all-in-one.
2. Load several sheets of paper.
3. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select **Print Head Alignment**.

Macintosh OS X: Open the **Applications** folder and select **EPSON Print Utility**. Select your Stylus CX in the printer list, click **OK**, and select **Print Head Alignment**.

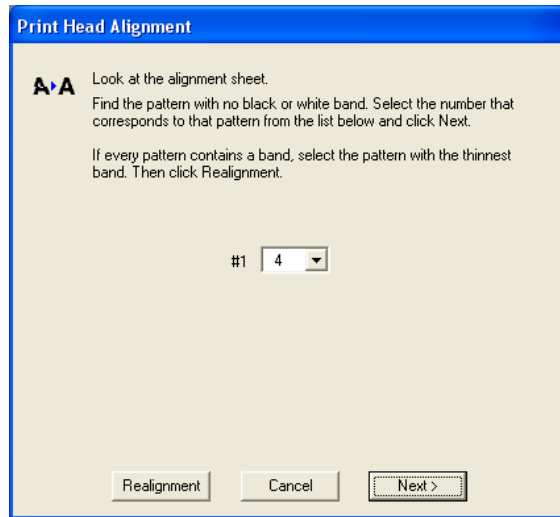
4. Follow the instructions on the screen to print a vertical alignment sheet. You see a window like this one:



5. Look at the four sets of patterns in your printout. For each set, if you see a pattern with no visible vertical lines, enter its number in the corresponding box on the screen and click **Next**.

If you can't find an aligned pattern, choose the one that's closest to being aligned. Click **Realignment** and then **Print** to print another alignment sheet and repeat this step.

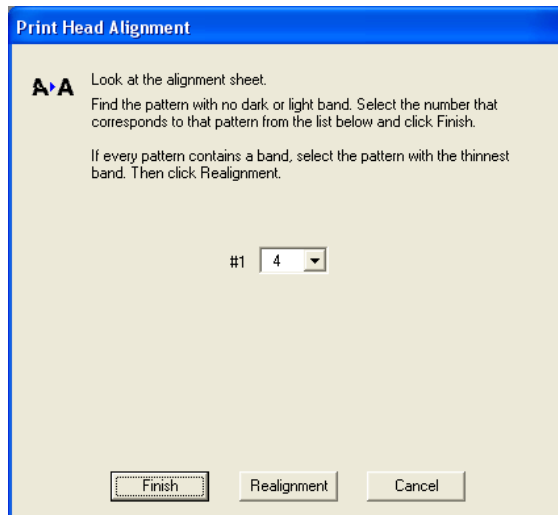
6. Click **Print** to print a black horizontal alignment sheet. After it's printed, you see a window like this one:



7. Look at the printout and select the pattern with no gap or line between the rectangles. Enter the number for that pattern in the box on the screen and click **Next**.

If you can't find an aligned pattern, choose the one that looks the best. Then click **Realignment** to print another alignment sheet and repeat this step.

8. Click **Print** to print a color horizontal alignment sheet. After it's printed, you see a window like this one:



9. Look at the printout and find the pattern with no gap or line between the rectangles and enter its number in the box on the screen.

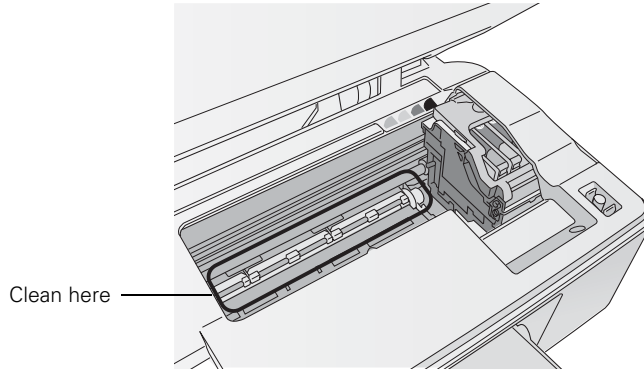
If you can't find an aligned pattern, choose the one that looks the best. Then click **Realignment** to print another alignment sheet and repeat this step.
10. Click **Finish** to close the Print Head Alignment Utility.

Cleaning the Stylus CX

To keep your Stylus CX all-in-one working at its best, you should clean it several times a year.

1. Turn off the Stylus CX, unplug the power cord, and disconnect the USB cable.
2. Remove all the paper, then use a soft brush to clean the sheet feeder.
3. If the glass surface of the document table is dirty, clean it with a soft dry cloth, or use a small amount of glass cleaner on a soft cloth to clean it. **Do not spray glass cleaner directly on the glass.**

4. If the outer case or inside of the sheet feeder is dirty, clean it with a soft cloth dampened with mild detergent. Keep the scanner section closed to prevent water from getting inside.
5. If ink accidentally gets inside the printer, wipe it off with a damp cloth.



Warning: Don't touch the gears or any other parts inside the Stylus CX.

Caution: Never use a hard or abrasive brush, or benzine, alcohol, or paint thinner for cleaning; they can damage the Stylus CX components and case.

Don't get water on the Stylus CX components and don't spray lubricants or oils inside the Stylus CX.

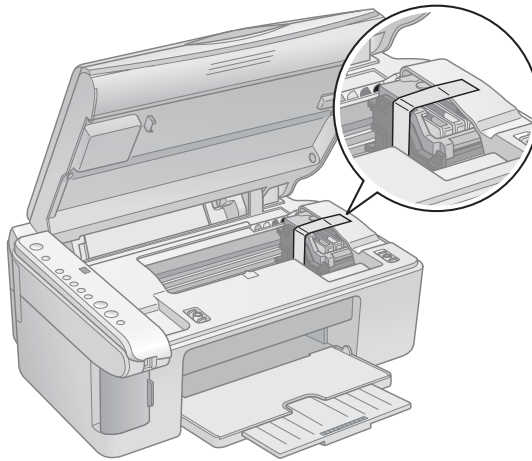
Transporting the Stylus CX

If you need to ship your Stylus CX all-in-one, you must prepare it for transportation by packing it in its original box or one of a similar size.

Caution: To avoid damage, remove the ink cartridges as described below when transporting the Stylus CX.

1. Turn off the Stylus CX.
2. Remove any paper from the sheet feeder and close the paper support.
3. Unplug the power cord from the electrical outlet. Then disconnect the USB cable from the Stylus CX.
4. Open the scanner section and make sure the ink cartridge holder is in the home position on the right.

5. Secure the ink cartridge holder (print head) to the case with tape.



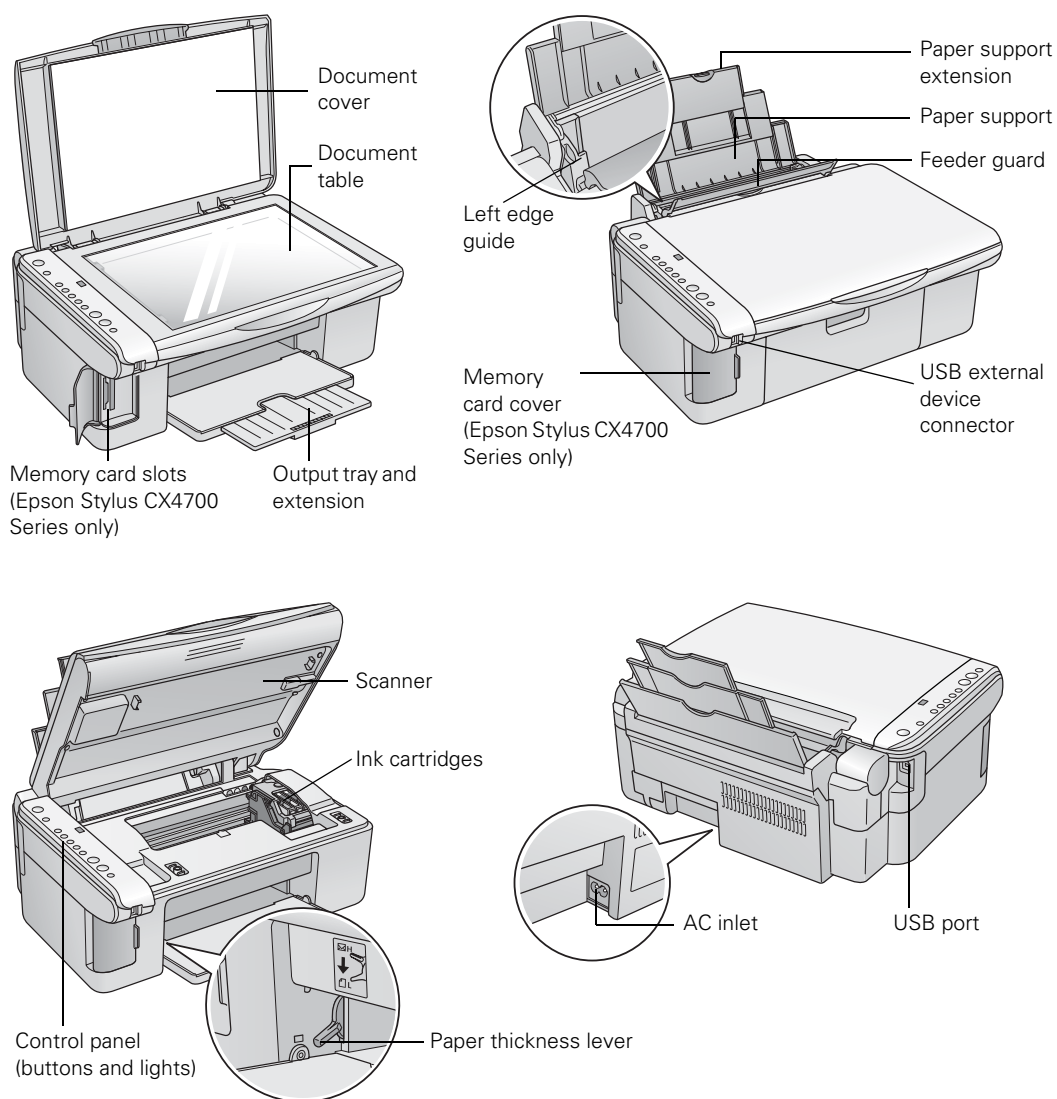
Caution: Be sure to remove the tape after installing the printer in its new location.

6. Close the scanner section, push in the output tray extension, and close the output tray.
7. Repack the Stylus CX in the original box using the protective materials that came with it.

Keep the Stylus CX level as you transport it.

After transporting the Stylus CX, remove the tape securing the print head, plug in the Stylus CX, and turn it on. If you notice a decline in print quality, clean the print head as described in [Cleaning the Print Head](#); if output is misaligned, align the print head as described in [Aligning the Print Head](#).

Stylus CX All-in-One Parts



Diagnosing Problems








■ Checking the Lights

■ Running a Printer Check

Checking the Lights

If the lights on the Stylus CX all-in-one come on or flash, or a number or letter appears in the Copy window, check the explanations listed below.

Light: status	Copy window status	Cause	Solution
On: Flashing Error: On	—	No paper is loaded in the sheet feeder.	Load paper in the sheet feeder. See Loading Paper for instructions.
	—	Multiple pages have been fed into the sheet feeder.	Remove and reload the paper. See Loading Paper for instructions.
Error: Flashing	—	Paper is jammed.	See Paper Feeding Problems to remove it.
Ink: Flashing	—	An ink cartridge is running low on ink.	See Replacing an Ink Cartridge for instructions.
Ink: On	—	An ink cartridge is empty or not installed correctly.	
Error: Flashing Memory Card (all 3 lights): Flashing (Epson Stylus CX4700 Series only)	1	A memory card is inserted that is not supported by the Epson Stylus CX4700 Series.	Remove the incompatible memory card. See the <i>Quick Guide</i> for instructions.
		The inserted memory card does not contain any valid images.	See the <i>Quick Guide</i> for a list of compatible card and image types.



Light: status	Copy window status	Cause	Solution
Error: Flashing Print From Index Sheet: Flashing (Epson Stylus CX4700 Series only)	2	An index sheet was not recognized because it is not positioned correctly.	Position the index sheet correctly on the glass, aligning the top of it with the left edge of the glass. Then press  Start Color to continue or  Stop to cancel.
	3	The index sheet is marked incorrectly. (No marks are detected or the sheet includes more than one mark for an image.)	Remove the index sheet, mark it correctly, and try again. See the <i>Quick Guide</i> for instructions.
	4	The index sheet does not match the photos on the memory card.	Remove the memory card and insert the card used to print the index sheet (see the <i>Quick Guide</i> for instructions)—or place the correct index sheet on the glass. Then press  Start Color to continue or  Stop to cancel.
Error: Flashing fast	H	The paper thickness lever is set to the  H position.	If you have set the lever to the  H position because you are printing envelopes, continue printing. Otherwise, set the lever to the  L position.

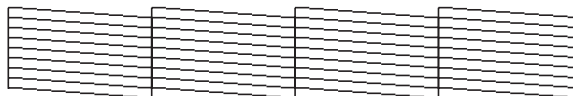
Light: status	Copy window status	Cause	Solution
Error: On Ink: On All other lights: Flashing	E	An Stylus CX part needs to be replaced.	Contact your local authorized servicer or contact Epson for a referral; see Where To Get Help .
All lights: Flashing	E	There is a problem with the Stylus CX.	Turn the Stylus CX off and then back on. If the error does not clear, contact your local authorized servicer or contact Epson for a referral; see Where To Get Help .

Note: When you turn off the Stylus CX, a red light inside it may stay on for up to 15 minutes. This is normal.

Running a Printer Check

You can run a printer check to determine whether a problem comes from the Stylus CX itself or some other source.

1. Make sure both the Stylus CX and computer are turned off. Then disconnect the USB cable from the Stylus CX.
2. Make sure letter-size plain paper is loaded in the Stylus CX.
3. Press the  Ink and  On buttons together and hold them down for about 5 seconds. The Stylus CX turns on and prints a test pattern. It also shows the percentage of ink left in each cartridge:



4. Turn off the Stylus CX after it prints the test page. Then reconnect the USB cable and turn on the Stylus CX and computer.

- If the test page prints, the problem probably lies in your software settings, the USB cable, or your computer. It's also possible that your software may not be installed correctly. See your *Start Here* sheet for instructions on reinstalling the Stylus CX software.
- If the test page doesn't print, you may have a problem with the Stylus CX. Try the suggestions in Problems and Solutions. If nothing works, contact Epson as described in Where To Get Help.

Problems and Solutions

- Setup and Software Installation Problems
- Printing or Copying Problems
- Print Quality Problems
- Scan Quality Problems
- Paper Feeding Problems
- Miscellaneous Printout Problems

Setup and Software Installation Problems

Tip: It's a good idea to check Epson's support web site periodically for free updates to your printer driver. Visit <http://www.latin.epson.com>.

The Stylus CX all-in-one makes noise after ink cartridge installation.

- The first time you install ink cartridges, the Stylus CX must charge its print head for a minute or so. Wait until charging finishes (the green ⏻ On light stops flashing) before you turn off the Stylus CX, or it may charge improperly and use excess ink the next time you turn it on.

If the printer stops moving or making noise, but the green ⏻ On light is still flashing after 5 minutes, turn off the Stylus CX. If the light is still flashing when you turn it back on, contact Epson as described in Where To Get Help.

- Turn off the Stylus CX, then make sure the ink cartridges are inserted completely and the ink cartridge cover is closed completely. Also make sure no packing material remains in the Stylus CX. Wait a moment, then turn the Stylus CX back on to clear the error.

You're having problems installing the Stylus CX software.

- Make sure your Stylus CX is turned on and the USB cable is securely connected at both ends. Then carefully follow the installation instructions on the *Start Here* sheet. Also make sure your system meets the requirements listed in System Requirements.
- Close your other programs, including any screen savers and virus protection software, and install the software again.
- In Windows, make sure the Stylus CX is selected as the default printer and that the correct port is shown in the printer properties.
- If you're using Windows 2000 and you see an error message or your software doesn't install correctly, you may not have software installation privileges. Contact your System Administrator.
- If you're using Windows and the USB port, make sure your system was not upgraded from Windows 95. The USB Printer Device Driver may not install correctly.
- Make sure the USB Controller is working properly in Device Manager. See your Windows help system for details. If it's not working, contact your computer manufacturer.
- If you're printing over a network, see Setting Up Network Printing for instructions.

Printing or Copying Problems

Only the green On light is on, but nothing prints.

- Make sure the USB cable is connected securely at both ends and meets the requirements listed in System Requirements.
- Run a printer check. If the test page prints, make sure your software is installed correctly.

The Stylus CX sounds as though it is printing, but nothing prints.

- Make sure the print head nozzles are not clogged. For instructions, see [Cleaning the Print Head](#).
- The Stylus CX won't operate properly if it's tilted or at an angle. Place it on a flat, stable surface that extends beyond the base in all directions.

The Stylus CX makes noise when you turn it on or after it has been sitting for awhile.

The Stylus CX is performing routine maintenance.

You don't see the printer icon in the lower right corner of your screen (taskbar) in Windows.

Try restarting your computer. If you still don't see the icon, follow these steps:

1. Click **Start**, point to **Settings** or **Printers and Faxes**, then select **Printers**.
2. Right-click your Stylus CX and select **Printing Preferences**.
3. Click the **Maintenance** tab.
4. Click the **Speed and Progress** button, then click the **Monitoring Preferences** button.
5. Click the **Shortcut Icon** box. Then click **OK** to close the open windows.

Printing is too slow.

Make sure your system meets the requirements listed in [System Requirements](#). If you're printing a high-resolution image, you need more than the minimum requirements listed. You may also need to:

- Clear space on your hard drive or run a defragmentation utility.
- Close programs that you're not using.
- Increase your system's memory.

For the fastest printing, try these tips:

- Choose black ink in your printer settings if your document doesn't include color.
- For Windows, choose **Draft** for Quality Type.

- For Macintosh, set the Quality/Speed slider to **Speed**.
- If the Stylus CX is connected to a USB hub, disconnect unused USB devices.

Print Quality Problems

You see banding (light lines).



- The print head nozzles may need cleaning. See [Cleaning the Print Head](#)
- Select a higher Quality Option or Print Quality and turn off High Speed mode. See [Printing in Windows](#) or [Printing with Macintosh OS X](#).
- Make sure the paper Type or Media Type setting matches the paper you loaded; see [Selecting the Correct Paper Type](#) for guidelines.
- Make sure the printable side of the paper is face up. It's usually brighter or whiter.
- The ink cartridges may need replacing. See [Replacing an Ink Cartridge](#)
- If you have a Macintosh, try using Automatic mode. See [Printing with Macintosh OS X](#) for instructions.
- Run the [Print Head Alignment utility](#).
- If a dotted line appears in the image, clean the scanner glass with a soft, dry, lint-free cloth (paper towels are not recommended), or use a small amount of glass cleaner on a soft cloth, if necessary. **Don't spray glass cleaner directly on the glass.** See [Cleaning the Stylus CX](#) for details.

Your printout is blurry or smeared.



- Make sure your paper isn't damp or curled, or loaded face down (the printable side should be face up).
- Use a support sheet with special paper, or try loading your paper one sheet at a time.
- Make sure your paper meets the specifications listed in [Paper](#).
- Use Epson papers to ensure proper saturation and absorption of genuine Epson inks.
- Set the paper thickness lever to the ☐ L position for most paper types. If you are printing on envelopes, set the lever to the ☒ H position. See [Loading Paper](#) for details.
- Align the print head. See [Aligning the Print Head](#)
- If you are copying, make sure your original is placed flat against the document table glass and the Stylus CX is not tilted or placed on an uneven surface.
- Remove each sheet from the output tray as it is printed.
- Avoid handling printouts on glossy paper for a few hours to allow the ink to set.
- If ink smears on the back of a printout, clean the inside of the printer. See [Cleaning the Stylus CX](#)
- If you are using double-sided paper and printing heavily saturated or dark images on the front side of the paper, you may notice that smudges or marks appear on the front when you print the second side. If one side of the paper will contain a lighter image or text, print that side first to eliminate marks or smudging.

Your printout is faint or has gaps.



- The print head nozzles may need cleaning. See [Cleaning the Print Head](#)
- The ink cartridges may be old or low on ink. See [Replacing an Ink Cartridge](#) for details.
- Make sure the paper Type or Media Type setting matches the paper you loaded. See [Selecting the Correct Paper Type](#) for guidelines.
- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, reload a new stack of paper with the printable side up; it is usually brighter or whiter than the other side. For best results, use genuine Epson paper.

You see wrong or missing colors.

- Make sure your printer software is not set to use black ink only.
- The print head nozzles may need cleaning. See [Cleaning the Print Head](#)
- The ink cartridges may be old or low on ink. See [Replacing an Ink Cartridge](#) for details.
- Try turning off PhotoEnhance.[™]
- For Macintosh, try using Automatic mode.
- Try changing the Gamma setting; see [Customizing Windows Print Settings](#), [Customizing Mac OS X Print Settings](#).
- 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 ICM (Windows) or ColorSync (Macintosh) setting.
- For best results, use genuine Epson ink and paper.

Your printout is grainy.

- Make sure the printable side of the paper is face up. It's usually brighter or whiter.
- Try using a higher quality paper or select a higher Quality Option or Print Quality setting. See [Printing in Windows](#) or [Printing with Macintosh OS X](#).
- Select **Photo RPM** for Quality Type (Windows) or Print Quality (Macintosh). Remember that this setting increases print time.
- Run the [Print Head Alignment utility](#).
- You may need to increase the image resolution or print it in a smaller size; see your software documentation.

Scan Quality Problems

You see only a few dots in your scanned image.

- Make sure the document is placed on the document table with the side to be scanned facing down. See [Placing Originals for Scanning](#) for details.
- When scanning with the **Black&White** setting in Home or Professional Mode, change the Threshold setting. See [Adjusting the Color and Other Image Settings](#) for instructions.

A line of dots always appears in your scanned images.

If a dotted line appears in the image, clean the scanner glass with a soft, dry, lint-free cloth (paper towels are not recommended), or use a small amount of glass cleaner on a soft cloth, if necessary. **Don't spray glass cleaner directly on the glass.** See [Cleaning the Stylus CX](#) for details.

Straight lines in your image come out crooked.

Make sure the document lies perfectly straight on the document table.

Your image is distorted or blurred.

- Make sure the document lies flat on the document table. Also make sure your document is not wrinkled or warped.
- Make sure you do not move the document or the Stylus CX while scanning.

- Make sure the Stylus CX is placed on a flat, stable surface.
- Select **Unsharp Mask Filter** in EPSON Scan's Professional Mode window. See [Adjusting the Color and Other Image Settings](#) for instructions.
- Adjust the **Auto Exposure** setting in EPSON Scan's Professional Mode window. See [Adjusting the Color and Other Image Settings](#) for instructions.

You can also select **Color Control** and **Continuous auto exposure** in the Configuration window, or select the **Color** tab and click the **Recommended Value** button to return the Auto Exposure setting to the default. See EPSON Scan Help for details.

- Increase the Resolution setting. See [Selecting the Scan Resolution](#) for instructions.

Colors are patchy or distorted at the edges of your image.

If your document is very thick or warped at the edges, cover the edges with paper to block external light as you scan.

Your scanned image is too dark

- Change the Display Gamma setting to match your output device, such as a monitor or printer, in the EPSON Scan Configuration window. See EPSON Scan Help for details.
- Adjust the **Auto Exposure** setting in EPSON Scan's Professional Mode window. See [Adjusting the Color and Other Image Settings](#) for instructions.

You can also select **Color Control** and **Continuous auto exposure** in the Configuration window, or select the **Color** tab and click the **Recommended Value** button to return the Auto Exposure setting to the default. See EPSON Scan Help for details.

- Check the Brightness setting in EPSON Scan's Home or Professional Mode (see [Adjusting the Color and Other Image Settings](#)). Or adjust brightness using the Histogram in Professional Mode (see EPSON Scan Help).
- Check the brightness and contrast settings of your computer monitor.

An image on the back of your original appears in your scanned image.

If your original is printed on thin paper, images on the back may be visible to the Stylus CX and appear in your scanned image. Try scanning the original with a piece of black paper placed on the back of it. Also make sure the Document Type and Image Type settings are correct for your original. See [Selecting Basic Settings](#) for details.

Moiré (cross-hatch) patterns appear in your scanned image.

A moiré is a cross-hatch pattern that may appear in a scanned image of a printed document. It is caused by interference from the differing pitches in the scanner's screen and the halftone screen in your original.

- Select the **Descreening Filter** check box in EPSON Scan's Home or Professional Mode window. In Professional Mode, set the Screen Ruling of the **Descreening Filter** setting to an appropriate setting for your document and deselect the **Unsharp Mask Filter** setting. See [Adjusting the Color and Other Image Settings](#) for instructions.
- Select a lower **Resolution** setting. See [Selecting the Scan Resolution](#) for instructions.

Characters are not recognized well when converted into editable text (OCR).

- Make sure the document lies perfectly straight on the document table.
- In Home Mode, select **Black&White** as the Image Type setting. In Professional Mode, select **None** for the B&W Option setting. Then try adjusting the **Threshold** setting.
- Check your OCR software manual to see if there are any settings you can adjust in your OCR software.

Scanned colors differ from the original colors.

- Change the Image Type setting in EPSON Scan's Home or Professional Mode. See [Selecting Basic Settings](#) for instructions. Select different combinations of this setting and the others mentioned below.
- Change the Display Gamma setting to match your output device, such as a monitor or printer, in the EPSON Scan Configuration window. See EPSON Scan Help for details.

- Adjust the **Auto Exposure** setting in EPSON Scan's Professional Mode. Also try selecting a different Tone Correction setting. See [Adjusting the Color and Other Image Settings](#) for instructions.
- Try selecting the following settings in the Configuration window: **Color Control**, **Continuous auto exposure**, and **Recommended Value** (on the Color tab). Also try turning off the **Fast Preview** setting. See EPSON Scan Help for details.
- Check the color matching and color management capabilities of your computer, display adapter, and software. Some computers can change the palette of colors on your screen. See your software and hardware manuals for details.
- Use the color management system for your computer: ICM for Windows or ColorSync for Macintosh. With Windows, add a color profile that matches your monitor to improve on-screen color matching. (Exact color matching is very difficult. Check your software and monitor documentation for information on color matching and calibration.)
- Printed colors can never exactly match the colors on your 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).

You have trouble adjusting the scan area in the thumbnail preview.


- Create a marquee or adjust the existing marquee to select the area you want to scan. See [Adjusting the Scan Area \(Marquee\)](#) for instructions.
- In the Configuration window, adjust the thumbnail cropping area using the Thumbnail Cropping Area slide. See EPSON Scan Help for details.
- Switch to the Normal preview type (if available) and preview your image again. See [Previewing and Adjusting the Scan Area](#) for instructions.


Paper Feeding Problems

Paper doesn't eject fully or is wrinkled.

- If the paper doesn't eject fully, you may have set the wrong paper size. Press the ◇ **Start Color** button to eject the paper, and then select the correct paper size.
- If it's wrinkled when it ejects, the paper may be damp or too thin. See the [Paper](#) specifications.

Paper doesn't feed correctly or jams in the printer.

- If paper doesn't feed, remove it from the sheet feeder. Reload it against the right edge, behind the tabs, then slide the left edge guide against the paper. Make sure the paper is not in front of the feeder guard.
- If multiple pages feed at once, remove the paper from the sheet feeder, fan the edges to separate the sheets, then reload it.
- Don't load too many sheets at once (up to 20 sheets of photo paper or 100 sheets of plain paper). See [Special Papers](#) for details.
- Heavily saturated prints may curl, causing a paper jam when printing on both sides of the paper.
- If paper is jammed, the red **Error** light flashes. Follow these steps to clear the jam:
 1. Press the  **Start Color** button to eject the jammed paper. If the jammed paper is not ejected, go to the next step.
 2. If the paper is stuck near the sheet feeder or output tray, gently pull it out.

If the paper is stuck inside the Stylus CX, press the  **On** button to turn it off. Open the scanner and remove any paper inside, including any torn pieces. Do not pull it backward however; this can damage the sheet feeder. Close the scanner, then turn the Stylus CX back on.

If your paper loads incorrectly or jams frequently:

- Use new, smooth, high-quality paper, loaded printable side up.
- Fan the edges of the stack of paper to separate the sheets.
- Don't load paper above the arrow mark inside the left edge guide.
- Place the paper against the right edge behind the tab. Slide the left edge guide against it, but not too tightly.
- If you're printing on both sides of the paper, try loading fewer sheets.

Miscellaneous Printout Problems

The image is inverted, as if viewed in a mirror.

- Turn off the mirror setting in your application program.

- For Windows, turn off **Mirror Image** in the Page Layout window of your printer driver.
- For Macintosh, turn off **Flip Horizontal** in the Print Settings window.

The Stylus CX prints blank pages.

- If you're using Windows, make sure the Stylus CX is selected. For Macintosh OS X, make sure your printer is selected in the Page Setup and Print windows.
- The print head nozzles may need cleaning; see [Cleaning the Print Head](#) for instructions.

The margins are incorrect.

- Make sure the paper settings are correct for your paper size. For instructions, see [Printing in Windows](#) or [Printing with Macintosh OS X](#).
- Make sure the paper you loaded matches the paper size and paper type settings you selected on the Stylus CX control panel or in your printer software.
- Choose the correct margins for your paper size.
- If you're using Mac OS X, make sure you choose the same printer in the Page Setup window and the Print window.
- Use the **Print Preview** option in your printer software to check your margins before you print.
- Make sure your paper is positioned next to the right side of the feeder.

Output is not what you expect when printing borderless photos.

- Make sure you are printing on papers that support borderless printing. See [Loading Paper for Borderless Photos](#) for details.
- Use the expansion setting to adjust how the image fits on the page. See [Printing Borderless Photos](#).
- Don't choose a custom paper size setting when printing borderless photos.

Too many copies are printing.

Make sure that the Copies option in your printer software or program is not set for multiple copies.

You see incorrect characters.

- Make sure the USB cable is securely connected and meets the requirements listed in System Requirements. Then try printing again.
- Make sure your printer is selected in Windows, or is set as the active printer in Print Center (Mac OS X).
- If you're using a switch box or USB hub with your printer, connect the printer directly to your computer.

The image size/position is incorrect.

Make sure the paper and layout options are set correctly.

There are scratches on your print.

If you're printing on glossy paper, prints may be scratched if not handled properly. Don't place objects on top of your prints, and be careful not to scratch them with your fingernails. For best results, frame your prints under glass.

Uninstalling Your Software

- Windows
- Macintosh OS X

Windows

1. Turn off the Stylus CX.
2. Disconnect the USB cable from the Stylus CX.
3. Click **Start**, and select **Programs** or **All Programs**.
4. Point to **Epson** or **Epson Printers**, then select **Epson Printer Software Uninstall**.
5. In the next window, select **EPSON Stylus CX4100 Series** or **EPSON Stylus CX4700 Series**, and click **OK**. Then follow the on-screen instructions.

6. Open the Windows Control Panel and double-click the **Add or Remove Programs** icon (Windows XP) or the **Add/Remove Programs** icon (Windows Me, 98, or 2000).
7. Click **EPSON Scan** in the list of currently installed programs and click **Change/Remove** (Windows XP or 2000) or **Add/Remove** (Windows Me or 98).
8. When the confirmation window appears, click **Yes**.
9. Follow the on-screen instructions to uninstall EPSON Scan.

In some cases, a message may appear to prompt you to restart the computer. If so, make sure **Yes, I want to restart my computer now** is selected and click **Finish**.
10. Restart your computer, then see the *Start Here* sheet to reinstall your software.

Macintosh OS X

1. Open the **Applications** folder, then the **Utilities** folder.
2. Open the **Printer Setup Utility** or **Print Center**, hold down the **⌘** key and select your Stylus CX, then click the **Delete** button.
3. Insert the Stylus CX software CD-ROM in your CD-ROM or DVD drive.
4. Double-click the **Epson CD-ROM** icon on your desktop.
5. Open the **Drivers > English > ESCAN** folder.
6. Double-click the **EPSON Scan Installer** icon.
7. When the Installer window appears, select **Uninstall** from the pop-up menu at the top and click the **Uninstall** button.
8. Restart your Macintosh, then see the *Start Here* sheet to reinstall your software.

Setting Up Network Printing

- Windows XP and 2000
- Windows Me and 98SE

■ Macintosh OS X

Windows XP and 2000

This section tells you how to set up the Stylus CX all-in-one so that other computers on the network can print to it.

Note: This section is for small network users only. If you are on a large network and would like to share the Stylus CX, consult your network administrator.

To install software programs in Windows 2000, it is necessary to log on as a user with administrative privileges (a user who belongs to the Administrators group).

To install software programs in Windows XP, it is necessary to log on with a Computer Administrator account. You cannot install software programs if you log on as a Limited account user. After you install Windows XP, the user account is set as a Computer Administrator account.

The images that are provided in the following section pertain to Windows XP.

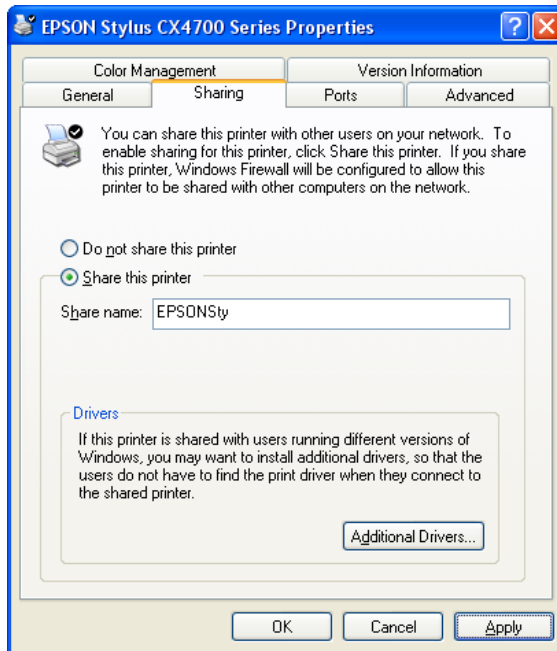
First, you need to set up the Stylus CX as a shared printer on the computer that it is directly connected to. Then, you must install the Stylus CX on each computer that will access it through the network.

Setting Up a Shared Printer

Follow the steps below to configure your computer to share the Stylus CX with other computers on a network.

1. Click **Start > Control Panel** or **Start > Settings > Control Panel**, then click **Printers and Other Hardware** or **Printers and Faxes**.
2. **Windows XP:** You may need to click **View installed printers or fax printers**.
3. Right-click the icon for the Stylus CX, then click **Sharing**.
4. Select **Shared as** or **Share this printer**, then type a name for the shared printer.

Note: Do not use spaces or hyphens in the shared printer name.



Note: With Windows XP, you may need to run the Network Setup Wizard before you can set up printer sharing. Start the wizard and follow the on-screen instructions until you see the screen above.

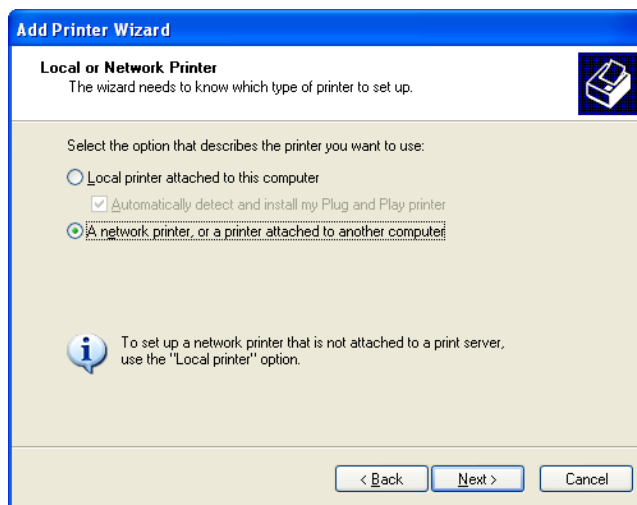
5. If you want Windows XP or 2000 to automatically download printer drivers to computers that are running different versions of Windows, click **Additional Drivers** and select the environment and the operating systems for the other computers. Click **OK**, then insert the printer software CD into the CD-ROM drive. Select the folder for Windows XP or 2000. Click **OK** to install the additional drivers.
6. Click **OK**, or click **Close** if you installed additional drivers.

Accessing a Network Printer

Follow the steps below to print to the Stylus CX from other computers on a network.

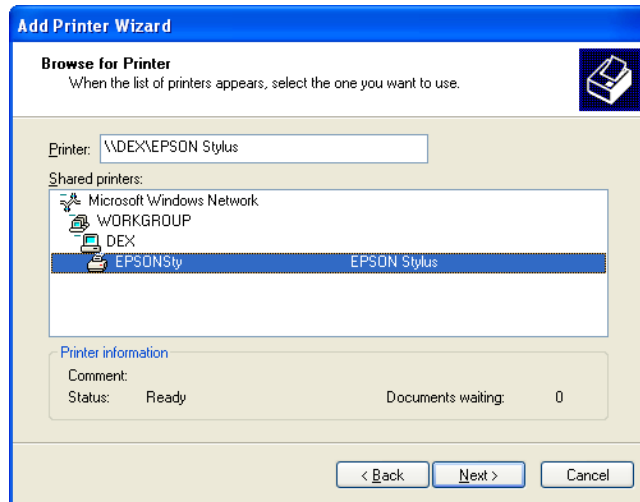
Note: The Stylus CX must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer. For instructions, see [Setting Up a Shared Printer](#).

1. Click **Start > Control Panel** or **Start > Settings > Control Panel**, then click **Printers and Other Hardware** or **Printers and Faxes**.
2. Select **Add a printer** or double-click the **Add Printer** icon. The Add Printer Wizard opens.
3. Click **Next**.
4. Select **A network printer, or printer attached to another computer** and click **Next**.



5. On the next screen, click **Next**.

6. Double-click the icon of the computer that is directly connected to the Stylus CX. Then, click the icon for the Stylus CX.



7. Click **Next** and follow the on-screen instructions.

Note: Depending on the operating system and the configuration of the computer to which the Stylus CX is connected, the Add Printer Wizard may prompt you to install the printer driver from the Stylus CX software CD. In this case, click the **Have Disk** button and follow the on-screen instructions.

Windows Me and 98SE

This section tells you how to set up the Stylus CX all-in-one so that other computers on the network can print to it.

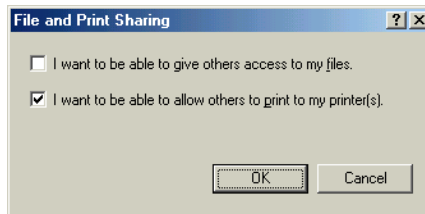
Note: This section is for small network users only. If you are on a large network and would like to share the Stylus CX, consult your network administrator.

First, you need to set up the Stylus CX as a shared printer on the computer that it is directly connected to. Then, you must install the Stylus CX on each computer that will access it through the network.

Setting Up a Shared Printer

Follow the steps below to configure your computer for printer sharing and to share the Stylus CX with other computers on a network.

1. Click **Start > Settings > Control Panel**.
2. Double-click the **Network** icon.
3. Click the **File and Print Sharing** button.
4. Select the **I want to be able to allow others to print to my printer(s)** check box and click **OK**.



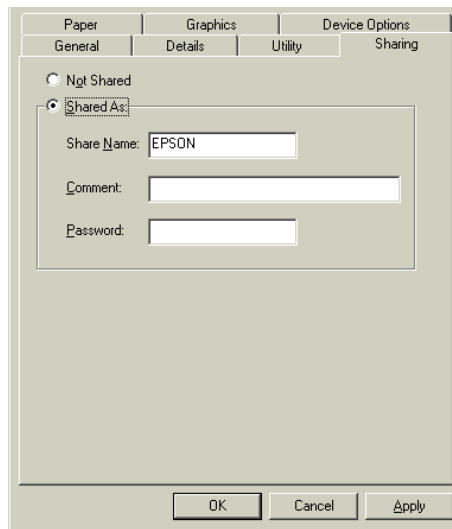
5. In the Network dialog box, click **OK**.

Note: If a dialog box requesting the insertion of the Windows Me or 98 CD-ROM appears, insert the CD into the CD-ROM drive and follow the on-screen instructions.

If a dialog box requesting that you restart your computer appears, do so. Then continue with step 6.

6. In the Control Panel, double-click the **Printers** icon.
7. Right-click the icon for the Stylus CX, then click **Share As**.

8. Type a name for the shared printer, then click **OK**.



Accessing a Networked Printer

Follow the steps below to print to the Stylus CX from other computers on a network.

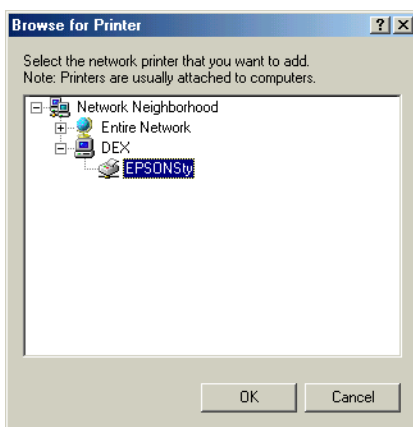
Note: The Stylus CX must be set up as a shared resource on the computer to which it is directly connected before you can access it from another computer. For instructions, see [Setting Up a Shared Printer](#).

1. Click **Start > Settings > Printers**.
2. Double-click the **Add Printer** icon. The Add Printer Wizard opens.
3. Click **Next**.

4. Select **Network printer**, then click **Next**.



5. On the next screen, click **Browse**.
6. Double-click the icon of the computer that the Stylus CX is directly connected to. Then, click the icon for the Stylus CX.



7. Click **OK** and follow the on-screen instructions.

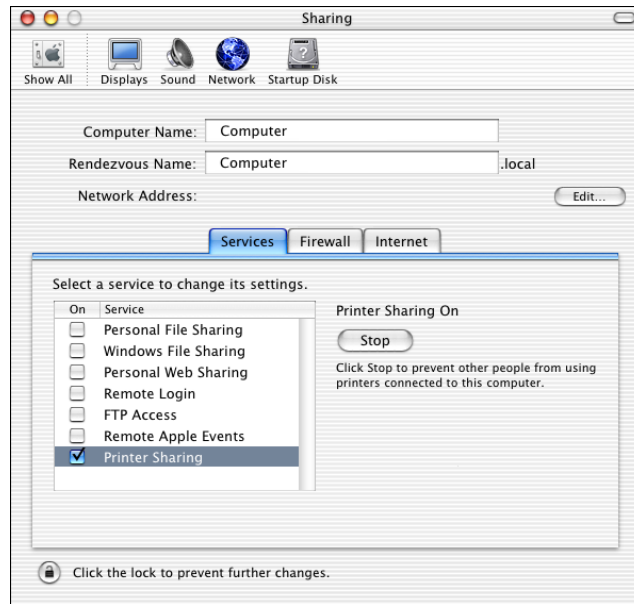
Macintosh OS X

To share the Stylus CX all-in-one with other computers on a network, follow the steps below to configure the computer that it is directly connected to.

Setting Up a Shared Printer

To share the Stylus CX with other Mac OS X computers on a network, follow the steps below to configure the computer that it is directly connected to.

1. Turn on the Stylus CX.
2. Select **System Preferences** from the Apple® menu or the dock, then select the **Sharing** icon.



3. Click the checkbox next to **Printer Sharing** and close System Preferences.

Accessing a Networked Printer

Follow the steps in this section to access the Stylus CX from other Macintosh OS X computers on the network.

1. Turn on the Stylus CX.
2. Print as you normally would, choosing the Stylus CX from the Shared Printers list that appears in the Page Setup and Print menus.

Where To Get Help

Epson provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed in the following table.

Internet support service in Latin America

Service	Access
World Wide Web	From the Internet, you can reach Epson Support at www.latin.epson.com . At this site, you can download drivers and other files, access troubleshooting information, and receive technical advice through e-mail.

Telephone support service in Latin America

Country	Telephone number
Argentina	(54-11) 4346-0300
Brazil	(55-11) 4196-6350
Chile	(56-2) 230-9500
Colombia	(57-1) 523-5000
Costa Rica	(506) 210-9555 (1-800) 377-6627
Mexico Mexico City Other cities	(52-55) 1323-2052 01-800-087-1080
Peru	(51-1) 224-2336
Venezuela	(58-212) 240-1111

Note: If your country does not appear on the list, contact the nearest Epson sales office.

Toll or long distance charges may apply. Before you call, please have the following information ready:

- Product name (Epson Stylus CX4100 Series or Epson Stylus CX4700 Series)
- Product serial number (located on the back of the printer)
- Proof of purchase (such as a store receipt) and date of purchase

- Computer configuration and operating system version
- Description of the problem

You can purchase genuine Epson ink and paper from an authorized Epson reseller. To find the nearest reseller, please call your nearest Epson sales office.

System Requirements

- [Windows System Requirements](#)
- [Macintosh System Requirements](#)

Windows System Requirements

To use your Stylus CX all-in-one and its software, your system should have:

- A Microsoft® Windows compatible PC with a Pentium®-equivalent processor (300 MHz or faster recommended)
- Microsoft Windows 98SE, Windows 2000, Windows Me, or Windows XP
- At least 256MB RAM (512MB recommended)
- 200MB free hard disk space (300MB recommended)
- VGA monitor with at least a 256 color display
- CD-ROM or DVD drive for installing the printer software
- A computer with preinstalled Windows 98SE, 2000, Me, or XP, and a Windows-compliant USB port and shielded USB “AB” cable. Using an improperly shielded USB cable may cause the printer to malfunction.

Macintosh System Requirements

To use your Stylus CX all-in-one and its software, your system should have:

- An Apple® iMac™ series or Power Macintosh® G3, G4, or G5 with built-in USB port
- Macintosh OS X 10.2.x to 10.3.x
- 512MB RAM
- 200MB free hard disk space (300MB recommended)
- VGA monitor with at least a 256 color display
- CD-ROM or DVD drive for installing the printer software

- A shielded USB “AB” cable. Using an improperly shielded USB cable may cause the printer to malfunction.

Specifications

- Printing
- Scanning
- Paper
- Printable Area
- Memory Card Slots (Epson Stylus CX4700 Series Only)
- Ink Cartridges
- Mechanical
- Electrical
- Environmental
- Standards and Approvals
- USB Interface

Printing

Printing method	On-demand ink jet
Nozzle configuration	Black: 90 nozzles Color: 270 nozzles (90 each cartridge: cyan, magenta, yellow)
Print direction	Bidirectional with logic seeking

Scanning

Scanner type	Flatbed color
Photoelectric device	CIS
Effective pixels	10,200 × 14,040 pixels at 1200 dpi
Document size	216 × 297 mm (8.5 × 11.7 inches) A4 or US letter size
Scanning resolution	1200 dpi (main scan) 2400 dpi with Micro Step (sub scan)
Output resolution	50 to 4800, 7200, and 9600 dpi (50 to 4800 dpi in 1 dpi increments)
Scanning speed	Approximately 30 msec per line at 1200 dpi
Image data	16 bits per pixel per color internal 8 bits per pixel per color external (maximum)
Interface	One USB 2.0 Hi-speed or USB 1.1 port
Light source	RGB Three Color LED

Paper

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 (210 × 297 mm [8.3 × 11.7 in.]) A5 (148 × 210 mm [5.8 × 8.3 in.]) A6 (104 × 149 mm [4.1 × 5.8 in.]) Letter (8.5 × 11 in. [216 × 279 mm]) Legal (8.5 × 14 in. [216 × 356 mm]) Half-letter (5.5 × 8.5 in. [140 × 216 mm]) 4 × 6 in. (102 × 152 mm) 5 × 7 in. (127 × 178 mm) 3.5 × 5 in. (89 × 127 mm) 8 × 10 in. (203 × 254 mm) User Defined up to 216 mm × 1.12 m (8.5 × 44 in.)
Paper type	Plain bond paper or special paper distributed by Epson
Thickness	0.08 to 0.13 mm (0.003 to 0.005 in.)
Weight (for plain bond paper)	64 g/m ² (17 lb) to 90 g/m ² (24 lb)

Envelopes

Size	No. 10 (4.1 × 9.5 in.; 105 × 241 mm) DL (4.3 × 8.7 in.; 109 × 221 mm) C6 (4.5 × 6.4 in.; 114 × 163 mm) 132 × 220 mm
Paper type	Plain bond paper
Thickness	0.40 to 0.52 mm (0.016 to 0.02 in.)
Weight	64 g/m ² (20 lb) to 90 g/m ² (24 lb)

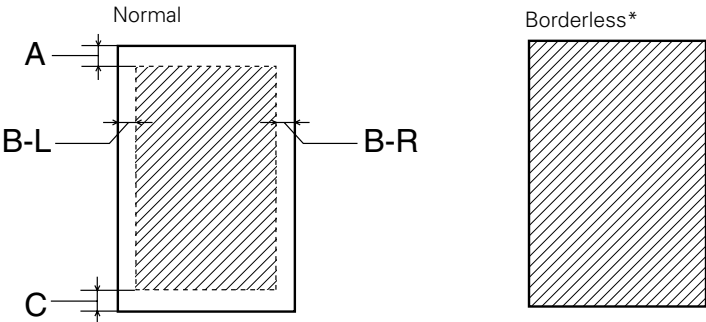
Note: Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.

Do not load curled or folded paper.

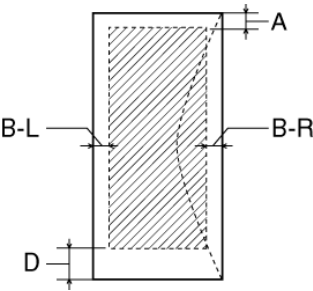
Use paper only under these conditions:
Temperature: 59 to 77 °F (15 to 25 °C)
Humidity: 40 to 60% RH

Printable Area

Single sheets or cards



Envelopes



A:	The minimum top margin is 0.12" (3.0 mm).
B-L:	The minimum left margin is 0.12" (3.0 mm).
B-R:	The minimum right margin is 0.12" (3.0 mm).
C:	The minimum bottom margin is 0.12" (3.0 mm).
D	The minimum bottom margin is 0.78" (20 mm) for envelopes.

*	When printing with the borderless feature, print quality may decline in the expanded area. Before printing large jobs using the borderless setting, print a single sheet to confirm printout quality.
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Note: Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the flap side down.

Memory Card Slots (Epson Stylus CX4700 Series Only)

Compatible memory cards	CompactFlash SmartMedia (maximum capacity 128MB) Memory Stick Memory Stick PRO Memory Stick Duo* Memory Stick PRO Duo* MagicGate Memory Stick MagicGate Memory Stick Duo* Microdrive SD (Secure Digital) Card MultiMediaCard miniSD card* xD-Picture Card
Voltage Requirements	3.3 v Maximum current is 500 mA

* Adapter required

Memory Card Slot Compatibility

CF Type II card slot	Compatible with CF+ and CompactFlash Specification 1.4 cards
SmartMedia card slot	Compatible with SmartMedia Standard 2000 cards
Memory Stick/MemoryStick PRO card slot	Compatible with Memory Stick Standard version 1.3 or Memory Stick Standard Memory Stick PRO Format Specifications version 1.0 cards
SD/MMC card slot	Compatible with SD Memory Card Specifications / PART1. Physical Layer Specification Version 1.0 cards and MultiMediaCard Standard cards
xD-Picture card Slot	Compatible with xD-Picture card Card Specification Version 1.00 cards

Ink Cartridges

Color	Cyan, magenta, yellow, black
Cartridge life	6 months at 77 °F (25 °C) after opening the package
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Freezing*: 3.2 °F (–16 °C)

* Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

Caution: To ensure good results, use genuine Epson ink cartridges and do not refill them. Other products may cause damage to your printer not covered by Epson's warranty.

Do not use an ink cartridge if the date on the package has expired.

Mechanical

Paper path	Sheet feeder, top entry
Sheet feeder capacity	About 100 sheets at 64 g/m ² (17 lb)
Dimensions	Width: 430 mm (16.9 in.) Depth: 354 mm (13.9 in.) Height: 181 mm (7.1 in.) (without the rubber feet or the paper support extended)
Weight	6.8 kg (15 lb) without the ink cartridges

Electrical

Input voltage	90 to 132 V
Rated frequency	50 to 60 Hz
Rated current	0.4 A (0.7 A max)
Power consumption	Approx. 13 W (operating) Approx. 4 W in sleep mode Approx. 4.5 W in low power mode

Environmental

Temperature	Operation: 50 to 95 °F (10 to 35 °C) Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C)
Humidity (without condensation)	Operation: 20 to 80% RH Storage*: 5 to 85% RH

Standards and Approvals

Safety	UL 60950 CSA C22.2 No. 60950
EMC	FCC part 15 Subpart B class B CAN/CSA-CEI/IEC CISPR 22

USB Interface

Standard	Based on Universal Serial Bus Specifications Revision 2.0, Universal Serial Bus Device Class Definition for Printing Devices Version 1.1, Universal Serial Bus Mass Storage class Bulk-Only Transport Revision 1.0
Bit rate	480 Mbps (High speed device)
Data encoding	NRZI
Adaptable connector	USB Series B
Recommended cable length	Under 2 meters

Important Safety Instructions

Before using your Stylus CX all-in-one, read and follow these safety instructions:

- Be sure to follow all warnings and instructions marked on the Stylus CX.
- Use only the type of power source indicated on the Stylus CX label.
- Use only the power cord that comes with the Stylus CX. Use of another cord may cause fires or shock. Do not use the cord with any other equipment.
- Place the Stylus CX near a wall outlet where the plug can be easily unplugged.
- Do not let the power cord become damaged or frayed.

- If you use an extension cord with the Stylus CX, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the Stylus CX for sufficient ventilation. Do not block or cover openings in the Stylus CX case or insert objects through the slots.
- Do not place the Stylus CX near a radiator or heating vent or in direct sunlight.
- Place the Stylus CX on a flat, stable surface that extends beyond its base in all directions. It will not operate properly if it is tilted or at an angle.
- Make sure the back of the Stylus CX is at least 10 cm (3.9 in.) away from the wall.
- Do not open the scanner section while the Stylus CX is copying, printing, or scanning.
- Do not spill liquid on the Stylus CX.
- Except as specifically explained in your documentation, do not attempt to service the Stylus CX yourself.
- Unplug the Stylus CX and refer servicing to qualified service personnel under the following conditions: if the power cord or plug is damaged; if liquid has entered the product; if the product has been dropped or the case damaged; if the product does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.
- When storing or transporting the Stylus CX, do not tilt it, stand it on its side, or turn it upside down; otherwise ink may leak from the cartridge.
- The lamp in this product contains mercury. Dispose of according to local, state, or federal laws.

Ink Cartridge Safety Instructions

- Keep ink cartridges out of the reach of children and don't drink the ink.

- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the Stylus CX or touch any cartridges during printing.
- Install a new ink cartridge immediately after removing an empty one. Leaving cartridges uninstalled can dehydrate the print head and may prevent the Stylus CX from printing.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the Stylus CX. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.

Appendix

- Copyright Notice
- A Note Concerning Responsible Use of Copyrighted Materials
- Trademarks

Copyright Notice

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SD™ is a trademark.

Memory Stick, Memory Stick Duo, Memory Stick PRO, and Memory Stick PRO Duo are trademarks of Sony Corporation.

xD-Picture Card™ is a trademark of Fuji Photo Film Co., Ltd.



MEMORY STICK PRO™

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