HP PSC 1400 All-in-One series
User Guide

you + hp

hp invent

Legal Information

Safety information

Warning To prevent fire or shock hazard, do not expose this product to rain or any type of moisture.

Always follow basic safety precautions when using this product to reduce risk of injury from fire or electric shock.

Warning Potential shock hazard

1. Read and understand all instructions in the Setup Guide.
2. Use only a grounded electrical outlet when connecting the device to a power source. If you do not know whether the outlet is grounded, check with a qualified electrician.
3. Observe all warnings and instructions marked on the product.
4. Unplug this product from wall outlets before cleaning.
5. Do not install or use this product near water or when you are wet.
6. Install the product securely on a stable surface.
7. Install the product in a protected location where no one can step on or trip over the power cord, and where the power cord will not be damaged.
8. If the product does not operate normally, see the online Troubleshooting help.
9. No operator-serviceable parts inside. Refer servicing to qualified service personnel.
10. Use in a well-ventilated area.

Warning This equipment will be inoperable when main power fails.

HP PSC 1400 All-in-One series

User Guide

Contents

1 HP All-in-One overview

Many HP All-in-One functions can be accessed directly, without turning on your computer. Tasks such as making a copy or printing can be accomplished quickly and easily from your HP All-in-One.

This chapter describes the HP All-in-One hardware features, control-panel functions, and how to access the **HP Image Zone** software.

> **Tip** You can do more with your HP All-in-One by using the **HP Image Zone** or **HP Solution Center** software installed on your computer. The software provides enhanced copy, scan, and photo functionality. For more information, see the onscreen **HP Image Zone Help** and Use the HP Image Zone to do more with your HP All-in-One.

The HP All-in-One at a glance
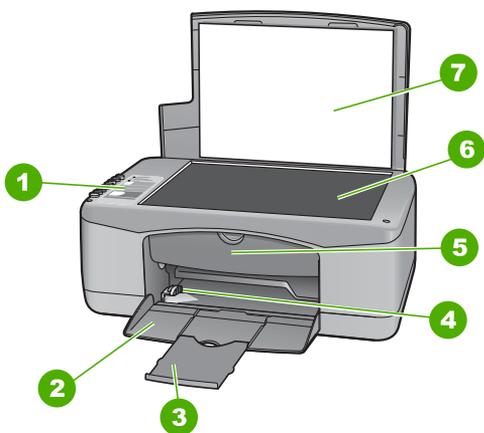
1	Control panel
2	Paper tray
3	Paper tray extender
4	Paper-width guide
5	Print-carriage access / front clean-out door
6	Glass
7	Lid
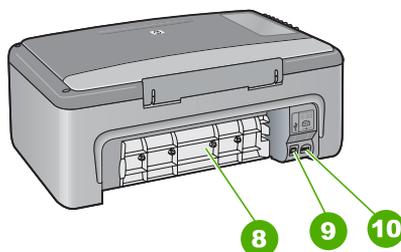
8	Rear clean-out door
9	Rear USB port
10	Power connection

Control panel overview
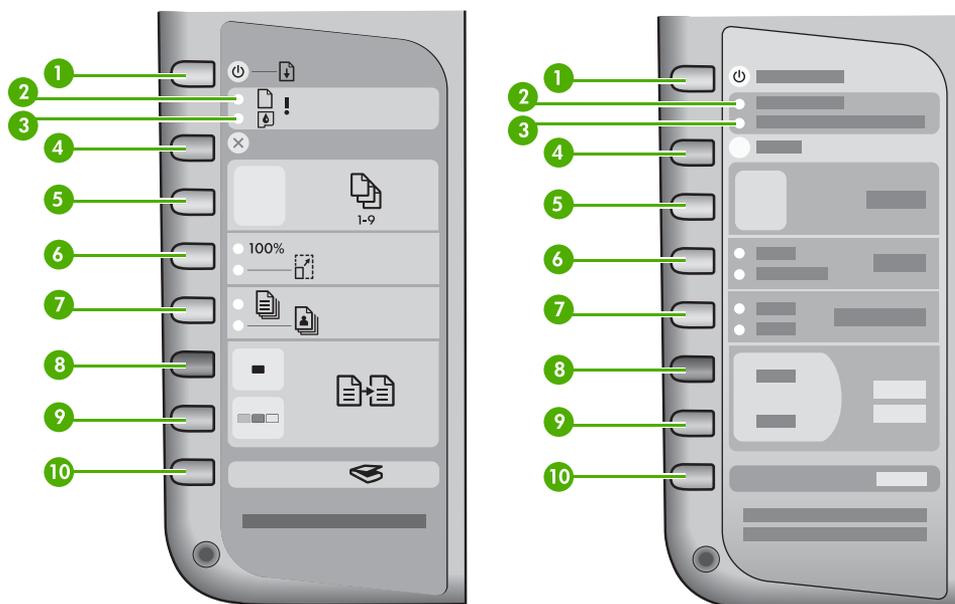
1	**On / Resume** button: Turns the power on or off. In certain situations (for example, after clearing a paper jam), this button resumes printing.
2	**Check Paper** light: Indicates the need to load paper or remove a paper jam.
3	**Check Print Cartridge** light: Indicates the need to reinsert the print cartridge, replace the print cartridge, or close the print-carriage access door.
4	**Cancel** button: Stops a job, exit a menu, or exit settings.
5	**Copies** button: Specifies the desired number of copies.
6	**Size** button: Keeps the image size as it is (100%) or reduce or enlarge it to fit the size of the paper.
7	**Paper Type** button: Changes the paper type setting to match the type of paper loaded in the paper tray (plain or photo paper). The default setting is plain paper.
8	**Start Copy Black** button: Starts a black copy job.
9	**Start Copy Color** button: Starts a color copy job.
10	**Scan** button: Starts a scan job.

Status light overview

Several indicator lights inform you of the status of your HP All-in-One. The following table describes common situations and explains what the lights mean.

For more information about status lights and resolving issues, see Troubleshooting information.

The lights on the HP All-in-One flash in special sequences to inform you of various error conditions. Refer to the following table for information on solving your error condition based on which lights are on or blinking on your HP All-in-One.
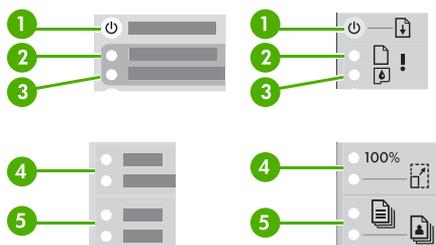
				1	On light
				2	Check Paper light
				3	Check Print Cartridge light
				4	Size lights
				5	Paper Type lights

①	②	③	④	⑤	Description
Off	Off	Off	Both off	Both off	The device is turned off.
Off	Off	Off	1 On, 1 Off	1 On, 1 Off	The device is processing a job, such as print, scan copy, or alignment.
Blink faster for 3 seconds and then On	Off	Off	Off	1 On, 1 Off	The device is busy.
Blink for 20 seconds and then On	Off	Off	1 On, 1 Off	1 On, 1 Off	The **Scan** button was pressed and there was no response from the computer.
On	Blinking	Off	1 On, 1 Off	1 On, 1 Off	● The device is out of paper. ● The device has a paper jam. ● The paper size setting does not match the paper size detected in the paper tray.
On	Off	Blinking	1 On, 1 Off	1 On, 1 Off	● The print-carriage access door is open. ● The print cartridges are missing or not seated correctly. ● The tape was not removed from the print cartridge. ● The print cartridge is not intended for use in this device. ● The print cartridge might be defective.
Blinking	Blinking	Blinking	Both off	Both off	The device has a scanner failure.

❶	❷	❸	❹	❺	Description
Blinking	Blinking	Blinking	Both blinking	Both blinking	The device has a fatal error.

Use the HP Image Zone to do more with your HP All-in-One

The **HP Image Zone** software is installed on your computer when you set up your HP All-in-One. For further information, see the Setup Guide that came with your device.

The entry point for the software varies by operating system (OS). For example, if you have a PC and are running Windows, the entry point is the **HP Solution Center**. If you have a Mac OS X v10.2.3 or later, the entry point is the **HP Image Zone** window. Regardless, the entry point serves as the launching pad for the **HP Image Zone** software and services.

Note In Windows, you may have the option of installing two versions of the software. If you choose **HP Image Zone Express**, you will receive a more basic set of image editing features and some features mentioned may not be available.

Access the HP Image Zone software (Windows)

Open the **HP Solution Center** from the desktop icon or the **Start** menu. The **HP Image Zone** software features appear in the **HP Solution Center**.

Access the HP Image Zone software (Mac)

When you install the **HP Image Zone** software, the **HP Image Zone** icon is placed in the Dock. Click the **HP Image Zone** icon in the Dock. The **HP Image Zone** window displays only the **HP Image Zone** features that are appropriate for the selected device.

Note If you install more than one HP All-in-One, an **HP Image Zone** icon for each device is displayed in the Dock. For example, if you have an HP scanner and an HP All-in-One installed, two **HP Image Zone** icons are present in the Dock, one for each device. However, if you installed two of the same kind of device (for example, two HP All-in-Ones) only one **HP Image Zone** icon is displayed in the Dock to represent all devices of that type.

➔ Click the **HP Image Zone** icon in the Dock.
   The **HP Image Zone** window appears.
   The **HP Image Zone** window displays only the **HP Image Zone** features that are appropriate for the selected device.

Find more information

A variety of resources, both printed and onscreen, provide information about setting up and using your HP All-in-One.

● **Setup Guide**
  The Setup Guide provides instructions for setting up your HP All-in-One and installing software. Make sure that you follow the steps in order.

If you have problems during setup, see Troubleshooting in the last section of the Setup Guide, the Troubleshooting section in the User Guide, or visit www.hp.com/support.

- **HP Image Zone Help**
  The HP Image Zone Help provides detailed information on using the software for your HP All-in-One.

    – The **Get step-by-step instructions** topic provides information on using the **HP Image Zone** software with HP devices.
    – The **Explore what you can do** topic provides more information about the practical and creative things that you can do with the **HP Image Zone** software and your HP devices.
    – If you need further assistance or want to check for HP software updates, see the **Troubleshooting and support** topic.

- **Readme**
  The Readme file contains the most recent information which might not be found in other publications. Install the software to access the Readme file.

Connection information

Your HP All-in-One comes with a USB port so you can connect directly to a computer using a USB cable. You can also share your printer with up to five computers over an existing Ethernet network using a Windows computer or a Mac as a print server. The computer to which the HP All-in-One is directly connected has access to all of its features. The other computers can only print.

Connect using a USB cable

You can connect one computer using a USB cable. The USB port is located on the rear of the HP All-in-One. Detailed instructions for connecting a computer to your HP All-in-One with a USB cable are included in the Setup Guide.

Use printer sharing (Windows)

If your computer is on a network and another computer on the network has an HP All-in-One connected to it by means of a USB cable, you can use that device as your printer using Windows printer sharing. The computer directly connected to the HP All-in-One acts as the host for the printer and can use all the features. Your computer, which is referred to as a client, can only print. All other functions must be performed on the host computer.

To enable Windows printer sharing, refer to the user guide that came with your computer or the Windows onscreen Help.

Use printer sharing (Mac OS X)

If your computer is on a network and another computer on the network has an HP All-in-One connected to it by means of a USB cable, you can use that device as your printer using printer sharing. The computer directly connected to the HP All-in-One acts as the host for the printer and can use all the features. Your computer, which is

referred to as a client, can only print. All other functions must be performed on the host computer.

1. On the host computer and all computers who want to use the printer, select **System Preferences** in the Dock.
2. Select **Sharing**.
3. From the **Services** tab, click the **Printer Sharing** box.
4. From the **View** menu, select **Print & Fax**.
5. Select the printer model in the **Selected printer in Print Dialog** menu.
6. Click the **Share my printers with other computers** box.

2 Load originals and load paper

This chapter provides instructions for loading originals on the glass to copy or scan, choosing the best paper type for your job, loading paper in the paper tray, and avoiding paper jams.

Load an original

You can copy or scan up to letter- or A4-size originals by loading them on the glass.

📝 **Note** Many of the special features will not work correctly if the glass and lid backing are not clean. For more information, see Clean the HP All-in-One.

1. Lift the lid and place your original face down on the left front corner of the glass.

2. Close the lid.

Choose papers for printing and copying

You can use many types and sizes of paper in your HP All-in-One. Review the following recommendations to get the best printing and copying quality. Whenever you change paper types or sizes, remember to change those settings.

Recommended papers

For the best print quality, use HP papers that are specifically designed for the type of project you are printing. If you are printing photos, for example, load glossy or matte photo paper in the paper tray. If you are printing a brochure or presentation, use a type of paper specifically designed for that purpose.

For more information about HP papers, see the onscreen **HP Image Zone Help**, or go to www.hp.com/support/inkjet_media.

📝 **Note** At this time, this portion of the site is available in English only.

Papers to avoid

Using inappropriate papers can cause paper jams or poor print quality.

Avoid these papers in your HP All-in-One

- Paper that is too thin, has a slick texture, or that stretches easily
- Highly textured stock, such as linen (it might not print evenly, and the ink can bleed into these papers)
- Multi-part forms, such as duplicate and triplicate forms (they can wrinkle or get stuck and the ink is more likely to smear)
- Envelopes with clasps or windows (they can get stuck in the rollers and they can cause paper jams)
- Banner paper

In addition, do not COPY to these papers

- Any size paper other than letter, A4, 10 x 15 cm (4 x 6 inch), or Hagaki
- Envelopes
- Transparency film
- Labels

Load paper

This section describes the procedure for loading different types and sizes of paper into your HP All-in-One for your copies or prints.

Load full-size paper

1. Lower the paper tray and, if necessary, squeeze and hold the tab on top of the paper-width guide and slide the paper-width guide to the outermost position.

    ⚠ **Caution**   Legal paper might get caught on the paper tray extender if it is fully extended when you print onto legal paper. To avoid a paper jam when using legal-size paper, do **not** open the paper tray extender.
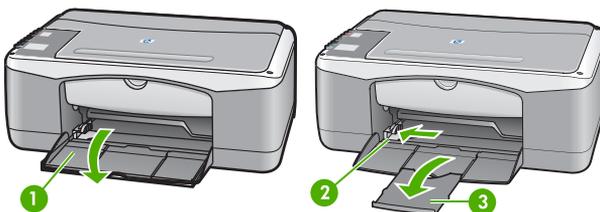
1	Paper tray door
2	Paper-width guide
3	Paper tray extender

2. Tap a stack of paper on a flat surface to align the edges, and then check the paper for the following:
    - Make sure it is free of rips, dust, wrinkles, and curled or bent edges.
    - Make sure all the paper in the stack is the same size and type.
3. Insert the stack of paper into the paper tray with the short edge forward and the print side down. Slide the stack of paper forward until it stops.

    📝 **Note 1**   Make sure all paper is of the same size and type. Do not overload the paper tray; make sure the stack of paper lies flat in the paper tray and fits under the tab of the paper-width guide.

Load originals and load paper

Note 2 Do not push the paper in too far. This might cause the HP All-in-One to select several pieces of paper at once.

Tip If you are using letterhead, insert the top of the page first with the print side down. For more help on loading full-size paper and letterhead, refer to the diagram engraved in the base of the paper tray.

4. Squeeze and hold the tab on the top of the paper-width guide, then slide the paper-width guide inward until it stops at the edge of the paper.
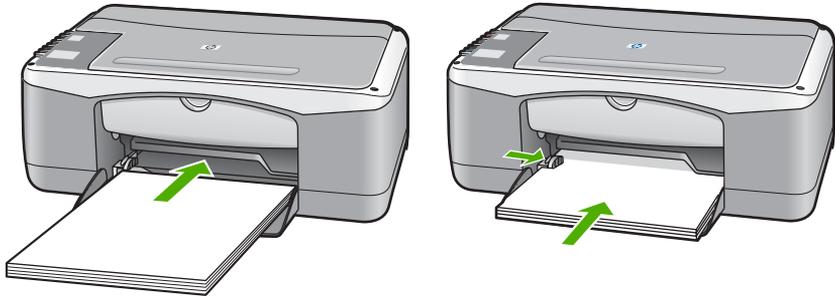
Load 10 x 15 cm (4 x 6 inch) photo paper

You can load 10 x 15 cm (4 x 6 inch) photo paper into the paper tray of your HP All-in-One. For best results, follow these recommendations.

- Use a recommended type of 10 x 15 cm (4 x 6 inch) photo paper. For more information, see the onscreen **HP Image Zone Help**.

- Set the paper type and paper size before copying or printing. For information on changing paper settings, see the onscreen **HP Image Zone Help**.

Tip To help prevent rips, wrinkles, and curled or bent edges, store all paper flat in a resealable bag. If the paper is not stored properly, extreme changes in temperature and humidity might result in curled paper that does not work well in the HP All-in-One.

1. Remove all paper from the paper tray.
2. Insert the stack of photo paper into the far right side of the paper tray with the short edge forward and the print side down. Slide the stack of photo paper forward until it stops.
3. Squeeze and hold the tab on the top of the paper-width guide, then slide the paper-width guide inward against the stack of photo paper until it stops.
   Do not overload the paper tray. Make sure the stack of photo paper lies flat in the paper tray and fits under the tab of the paper-width guide.

Tip If the photo paper you are using has perforated tabs, load the photo paper so that the tabs are closest to you.
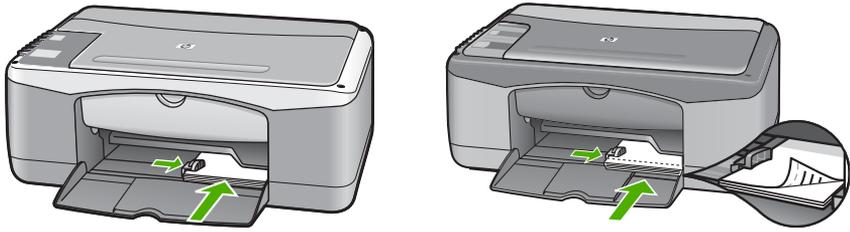
Load envelopes, postcards, and Hagaki

You can load envelopes, postcards, or Hagaki into the paper tray.

For the best results, set the paper type and size before printing or copying. For more information, see the onscreen **HP Image Zone Help**.

Tip You cannot copy onto plain, small-size paper, only photo paper. You must print onto plain postcards, plain Hagaki, and envelopes.

Note For specific details on how to format text for printing on envelopes, consult the help files in your word processing software. For best results, consider using a label for the return address on envelopes.

1. Remove all paper from the paper tray.
2. Insert the stack of cards or envelopes into the far right side of the paper tray with the short edge forward and the print side down. Envelope flaps should be toward the left. Slide the stack forward until it stops.
3. Squeeze and hold the tab on the top of the paper-width guide, then slide the paper-width guide inward against the stack until it stops.
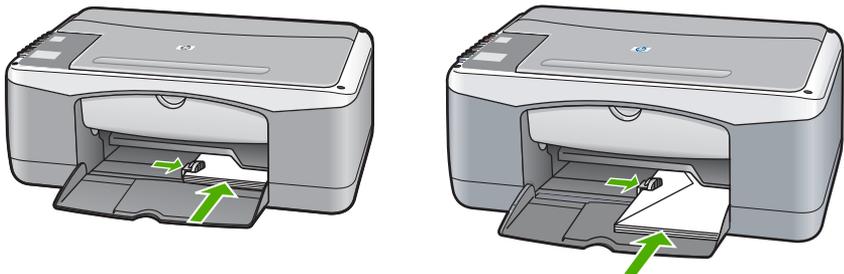
Load other types of paper

The following table provides guidelines for loading certain types of paper. For best results, adjust the paper settings each time you change paper sizes or paper types.

Note Not all paper sizes and paper types can be used with all the functions on the HP All-in-One. Some paper sizes and paper types can only be used if you are starting a print job from the **Print** dialog box in a software application. They are not available for copying. Papers that are only available for printing from a software application are indicated as such in the following table.

Paper	Tips
HP papers	● HP Premium Paper: Locate the gray arrow on the nonprinting side of the paper, and then slide the paper into the paper tray with the arrow side facing up. ● HP Premium Inkjet Transparency Film: Insert the film so that the white transparency strip (with arrows and the HP logo) is on top and is going into the paper tray first. (For printing from a software application only.) **Note** The HP All-in-One cannot automatically detect transparency film. For best results, set the paper type in the software application to transparency film before printing on transparency film. ● HP Matte Greeting Cards, HP Photo Greeting Cards, or HP Textured Greeting Cards: Insert a small stack of HP greeting card paper into the paper tray with the print side down and slide the stack of cards forward until it stops. (For printing from a software application only.)
Labels (for printing from a software application only)	Always use letter or A4 label sheets designed for use with HP inkjet devices (such as HP or Avery inkjet labels), and make sure that the labels are no more than two years old. Labels on older sheets might peel off in the HP All-in-One, causing paper jams. **Note** Insert a stack of label sheets on top of a stack of full-size paper, label side down. Do not insert one sheet at a time. 1. Fan the stack of labels to make sure none of the pages are sticking together. 2. Place a stack of label sheets on top of full-size plain paper in the paper tray, label side down. Do not insert labels one sheet at a time.

Avoid paper jams

To help avoid paper jams, follow these guidelines:

● Prevent curled or wrinkled paper by storing all unused paper flat in a resealable bag.
● Remove printed papers from the paper tray frequently.
● Ensure that paper loaded in the paper tray lays flat and the edges are not bent or torn.
● Do not combine different paper types and paper sizes in the paper tray; the entire stack of paper in the paper tray must be the same size and type.
● Adjust the paper-width guide in the paper tray to fit snugly against all paper. Make sure the paper guide does not bend the paper in the paper tray.
● Do not force paper too far forward in the paper tray.
● Use paper types that are recommended for your HP All-in-One. For more information, see Choose papers for printing and copying.

For more information about clearing paper jams, see Paper troubleshooting.

Load originals and load paper

HP PSC 1400 All-in-One series

3 Use the copy features

The HP All-in-One allows you to produce high-quality color and black-and-white copies on a variety of paper types. You can enlarge or reduce the size of an original to fit a specific paper size, adjust the copy quality, and make high-quality copies of photos, including borderless copies.

Tip Copies made from the control panel are automatically made using Best quality.

Set the copy paper type

You can set the paper type for copying to either **Plain** or **Photo**.

Plain	Photo	Start Copy Black	Start Copy Color

1. Load your original face down on the left front corner of the glass.
2. Press the **Paper Type** button to select either **Plain** or **Photo**.
3. Press **Start Copy Black** or **Start Copy Color**.

Refer to the following table to determine which paper type setting to choose based on the paper loaded in the paper tray.

Paper type	Control panel setting
Copier paper or letterhead	Plain
HP Bright White Paper	Plain
HP Premium Plus Photo Paper, Glossy	Photo
HP Premium Plus Photo Paper, Matte	Photo
HP Premium Plus 4 x 6 inch Photo Paper	Photo
HP Photo Paper	Photo
HP Everyday Photo Paper	Photo
HP Everyday Photo Paper, Semi Gloss	Photo
Other photo paper	Photo
HP Premium Paper	Plain
Other inkjet paper	Plain
Plain Hagaki	Plain

(continued)

Paper type	Control panel setting
Glossy Hagaki	Photo

Increase copy speed or quality

Copies from the control panel are automatically made using Best quality. For more options on copy speed and quality, use the **HP Image Zone** software.

You can make a Fast copy using the instructions below. Fast copies faster with comparable quality text, but the graphics quality might be lower. Fast copies use less ink and extend the life of your print cartridges.

Note Fast is not available when the paper type is set to **Photo**.

Scan	Start Copy Black	Start Copy Color

1. Load your original face down on the left front corner of the glass.
2. Press and hold down the **Scan** button, and then press either **Start Copy Black** or **Start Copy Color**.

Make multiple copies

You can set the number of copies from the control panel or from the **HP Image Zone** software. Use the **HP Image Zone** software to make more than 9 copies.

Copies	Start Copy Black	Start Copy Color

1-9

1. Load your original face down on the left front corner of the glass.
2. Press the **Copies** button to increase the number of copies up to 9.
3. Press **Start Copy Black** or **Start Copy Color**.
   In this example, the HP All-in-One makes six copies of the original 10 x 15 cm (4 x 6 inch) photo.
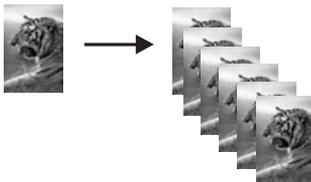
Make a borderless copy of a photo

For the best quality when copying a photo, load photo paper in the paper tray and then use the **Paper Type** button to select **Photo**.

Tip You can only copy onto full-size or 10 x 15 cm (4 x 6 inch) photo paper using the control panel. To copy onto other sizes use the **HP Image Zone** software.

Photo	Fit to Page	Start Copy Color

1. Load 10 x 15 cm (4 x 6 inch) tabbed photo paper in the paper tray.

   Note To make a borderless copy, you must use tabbed photo paper.

2. Load your original photo face down on the left front corner of the glass. Position the photo on the glass so the long edge of the photo is along the front edge of the glass.
3. Press the **Size** button to select **Fit to Page**.
4. Press the **Paper Type** button to select **Photo**.

   Note When **Photo** is selected, the HP All-in-One defaults to making a borderless copy with a 10 x 15 cm (4 x 6 inch) original.

5. Press **Start Copy Color**.
   The HP All-in-One makes a borderless copy of your original photo, as shown below.
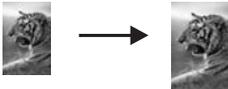
Resize an original to fit onto letter or A4 paper

If the image or text on your original fills the entire sheet with no margins, use the **Fit to Page** setting to reduce your original and prevent unwanted cropping of the text or images at the edges of the sheet.

Tip To copy an original without changing the size of it, use **100%**. This setting makes the copy at the same size as the original.

Tip You can also use **Fit to Page** to enlarge a small photo to fit within the printable area of a full-size page. In order to do this without changing the proportions of the original or cropping the edges, the HP All-in-One might leave an uneven amount of white space around the edges of the paper.

Note The HP All-in-One has a maximum enlargement capability. It may be unable to enlarge a very small original to fill an entire full-size page.

Fit to Page	Start Copy Black	Start Copy Color

1. Load your original face down on the left front corner of the glass.
2. Press the **Size** button to select **Fit to Page**.
3. Press **Start Copy Black** or **Start Copy Color**.

Stop copying

Cancel

→ To stop copying, press the **Cancel** button on the control panel.

Use the copy features

4 Print from your computer

The HP All-in-One can be used with any software application that allows printing. The instructions vary slightly depending on whether you are printing from a Windows PC or a Mac.

In addition to the printing capabilities described in this chapter, you can print special print jobs; such as borderless prints and newsletters, as well use scanned images in printing projects in the **HP Image Zone**. For more information on performing special print jobs or printing images in the **HP Image Zone**, see the onscreen **HP Image Zone Help**.

Print from a software application

Most print settings are automatically handled by the software application or by HP ColorSmart technology. You need to change the settings manually only when you change print quality, print on specific types of paper or transparency film, or use special features.

To print from the software application (Windows)
1. On the **File** menu in your software application, click **Print**.
2. Select the HP All-in-One as the printer.
3. If you need to change settings, click the button that opens the **Properties** dialog box.

   > **Note 1** Depending on your software application, this button might be called **Properties**, **Options**, **Printer Setup**, **Printer**, or **Preferences**.

   > **Note 2** When printing a photo, you must select options for the correct paper type and photo enhancement.

4. Select the appropriate options for your print job by using the features available in the **Paper/Quality**, **Finishing**, **Effects**, **Basics**, and **Color** tabs.
5. Click **OK** to close the **Properties** dialog box.
6. Click **Print** or **OK** to begin printing.

To print from the software application (Mac)
1. From the **File** menu in your software application, choose **Page Setup**.
2. Specify page attributes such as paper size, orientation, and scaling percentage and click **OK**.
3. From the **File** menu in your software application, choose **Print**.
4. Change the print settings for each option in the pop-up menu, as appropriate for your project.
5. Click **Print** to begin printing.

Make the HP All-in-One the default printer

You can set the HP All-in-One as the default printer to use from any software application. This means that the HP All-in-One is automatically selected in the printer list when you select **Print** from the **File** menu in a software application.

Windows 9x or 2000

1. On the Windows taskbar, click **Start**, point to **Settings**, and then click **Printers**.
2. Right-click the HP All-in-One icon, and click **Set as default printer**.

Windows XP

1. On the Windows taskbar, click **Start**, and then click **Control Panel**.
2. Open the **Printers and Faxes** control panel.
3. Right-click the HP All-in-One icon, and click **Set as default printer**.

Mac

1. Open the **Print Center** (v10.2.3 or later) or **Printer Setup Utility** (v10.3 or later) from the **Applications:Utilities** folder.
2. Select the HP All-in-One.
3. Click **Make Default**.

Stop a print job

Although you can stop a print job from either the HP All-in-One or the computer, HP recommends you stop it from the HP All-in-One for best results.

Cancel

→ Press the **Cancel** button on the control panel. If the job does not stop printing, press **Cancel** again.

5   Use the scan features

You can use the scanning features of your HP All-in-One to do the following:

- Scan text from an article into your word processor and quote it in a report. Using OCR software is an art that takes time and practice to master. For more information, see the documentation that came with your OCR software.
- Print business cards and brochures by scanning a logo and using it in your publishing software.
- Send photos to friends and relatives by scanning your favorite prints and including them in e-mail messages.
- Create a photographic inventory of your house or office, or archive special photos in an electronic scrapbook.

To use the scan features, your HP All-in-One and computer must be connected and turned on. The HP All-in-One software must also be installed and running on your computer prior to scanning. To verify that the HP All-in-One software is running on a Windows PC, look for the HP All-in-One icon in the system tray at the lower right side of the screen, near the clock. On a Mac, the HP All-in-One software is always running.

> **Note**   Closing the HP Windows system tray icon can cause your HP All-in-One to lose some of its scan functionality and result in the **No Connection** error message. If this happens, you can restore full functionality by restarting your computer or by starting the **HP Image Zone** software.

For information on how to scan from the computer, and how to adjust, resize, rotate, crop, and sharpen your scans, see the onscreen **HP Image Zone Help** that came with your software.

Scan from the control panel

You can scan originals placed on the glass directly from the control panel.

> **Note**   To use this feature, you must have installed the full software package and the HP Digital Imaging Monitor must be running.

Scan

1. Load the original face down on the left front corner of the glass.
2. Press the **Scan** button on the control panel.
3. Click **Done** or **Finish** in the software.
   The HP All-in-One sends the scan to the **HP Image Zone** software, which automatically opens and displays the image.

The **HP Image Zone** has many tools that you can use to edit your scanned image. You can improve the overall image quality by adjusting the brightness, sharpness, color tone, or saturation. You can also crop, straighten, rotate, or resize the image. When the scanned image looks just the way you want it, you can open it in another application, send it through e-mail, save it to a file, or print it. For more information on using the **HP Image Zone**, see the onscreen **HP Image Zone Help**.

Adjust the preview image

You can use the tools in the **HP Scan Pro** window to modify a preview image. Any changes that you make, such as brightness, image type, resolution, and more apply only to this scan session.

You can do the following using the **HP Scan Pro** software:

- Select a portion of the image
- Change the image type and quality
- Change the resolution
- Crop or straighten the image
- Adjust the brightness or contrast
- Adjust the color or saturation
- Sharpen or blur the image
- Rotate the image
- Resize the image

For more information, see the **HP Scan Pro** section of the **HP Image Zone Help**.

You can make additional changes to the scan in the **HP Image Zone** software. For more information on the **HP Image Zone** editing tools, see the **HP Image Zone Help**.

Stop scanning

Cancel

➜ To stop scanning, press the **Cancel** button on the control panel, or in the **HP Image Zone** software, click **Cancel**.

6 Use HP Instant Share

HP Instant Share makes it easy to share photos with family and friends. Using the **HP Image Zone** software installed on your computer, select one or more photos to share, select a destination for your photos, and then send the photos. You can even upload your photos to an online photo album or an online photo finishing service. Availability of services varies by country/region.

With **HP Instant Share E-mail**, family and friends always get photos they can view - no more large downloads or images that are too big to open. An e-mail message with thumbnail images of your photos is sent with a link to a secure web page where family and friends can easily view, share, print, and save the photos.

Overview

Use HP Instant Share to send scanned images or documents from your HP All-in-One to a destination of your choice. The destination, for example, can be an e-mail address, an online photo album, or an online photo finishing service. Availability of services varies by country/region.

> **Note** You can also send images to a friend's or relative's network-connected HP All-in-One or photo printer. To send to a device, you must have an HP Passport user ID and password. The receiving device must be set up and registered with HP Instant Share. You will also need to obtain the name the recipient assigned to the receiving device.
>
> For more information on scanning an image, see Use the scan features.

Get started

You must have the following to use HP Instant Share with your HP All-in-One:

- An HP All-in-One connected to a computer
- Broadband Internet access through the computer to which the HP All-in-One is connected
- **HP Image Zone** software installed on your computer. Mac users have an **HP Instant Share** client application.

Send images using your computer

The **HP Image Zone** software lets you select and edit one or more images, and then access HP Instant Share to select a service (for example, **HP Instant Share E-mail**) and send your images. At a minimum, you can share images through the following:

- HP Instant Share E-mail (send to an e-mail address)
- HP Instant Share E-mail (send to a device)
- Online Albums
- Online photo finishing (availability varies by country/region)

> **Note** For more information on using Instant Share and the **HP Image Zone** software or the **HP Instant Share** client application (Mac), see the onscreen **HP Image Zone Help**.

Send images using the HP Image Zone software (Windows)

1. Double-click the **HP Image Zone** icon on your desktop.
2. Select one or more images from the folder(s) in which they are stored.

   📝 **Note** Use the **HP Image Zone** image editing tools to edit your images and achieve the results you want. For more information on selecting images and using the editing tools, see the onscreen **HP Image Zone Help**.

3. Click the **HP Instant Share** tab.
4. In the **Services** area of the **HP Instant Share** tab, click the link or icon of the service you want to use to send your scanned image.
5. From the **HP Instant Share E-mail** service, you can do any of the following:
   – Send an e-mail message with thumbnail images of your photos which can be viewed, printed, and saved over the Internet.
   – Open and maintain an e-mail address book. Click **Address Book**, register with HP Instant Share, and create an HP Passport account.
   – Send your e-mail message to multiple addresses. Click the related link.
   – Send a collection of images to a friend's or relative's network-connected device. Enter the name assigned to the device by the recipient in the **E-mail address** box followed by @send.hp.com. You will be prompted to sign in to HP Instant Share with your HP Passport **userid** and **password**.

   📝 **Note** If you have not previously set up HP Instant Share, click **I need an HP Passport account** on the **Sign in with HP Passport** screen.

Send images using the HP Instant Share client application software (Mac)

1. Select the **HP Image Zone** icon from the Dock.
   The **HP Image Zone** opens on your desktop.
2. In the **HP Image Zone**, click the **Services** button at the top of the window.
   A list of applications appears in the lower part of the **HP Image Zone**.
3. Choose **HP Instant Share** from the list of applications in the lower part of the **HP Image Zone**.
   The **HP Instant Share** client application software opens on your computer.
4. Use the **+** button to add an image to the window, or the **–** button to remove an image.
5. Make sure the images you want to share appear in the **HP Instant Share** window.
6. Click **Continue** and follow the onscreen instructions.
7. From the HP Instant Share services list, select the service you want to use to send your scanned image and follow the onscreen instructions.
8. From the **HP Instant Share E-mail** service, you can do any of the following:
   – Send an e-mail message with thumbnail images of your photos which can be viewed, printed, and saved over the Internet.
   – Open and maintain an e-mail address book. Click **Address Book**, register with HP Instant Share, and create an HP Passport account.
   – Send your e-mail message to multiple addresses. Click the related link.
   – Send a collection of images to a friend's or relative's network-connected device. Enter the name assigned to the device by the recipient in the **E-mail address** box followed by @send.hp.com. You will be prompted to sign in to HP Instant Share with your HP Passport **userid** and **password**.

Use HP Instant Share

Note If you have not previously set up HP Instant Share, click **I need an HP Passport account** on the **Sign in with HP Passport** screen.

7 Order supplies

You can order recommended types of HP paper and print cartridges online from the HP website.

- Order paper, transparency film, or other media
- Order print cartridges
- Order other supplies

Order paper, transparency film, or other media

To order media such as HP Premium Paper, HP Premium Plus Photo Paper, or HP Premium Inkjet Transparency Film go to www.hp.com. If prompted, choose your country/region, follow the prompts to select your product, and then click one of the shopping links on the page.

Order print cartridges

Print cartridge reorder numbers vary by country/region. If the reorder numbers listed in this guide do not match the numbers on the print cartridges currently installed in your HP All-in-One, order new print cartridges with the same numbers as those you currently have installed. Your HP All-in-One supports the following print cartridges.

Print cartridges	HP reorder number
HP black print cartridge	#21 black print cartridge
HP tri-color print cartridge	#22 color print cartridge

Locate the reorder numbers for the print cartridges your device supports by doing the following:

- For **Windows users**: In the **HP Solution Center** or **HP Image Zone**, click **Settings**, point to **Print Settings**, and then click **Printer Toolbox**. Click the **Estimated Ink Levels** tab, and then click **Print Cartridge Ordering Information**.
- For **Mac users**: In the **HP Image Zone**, choose **Settings**, choose **Maintain Printer**, if prompted, select your HP All-in-One, and then click **Utilities**. From the pop-up menu, choose **Supplies**.

Or, you can contact a local HP reseller or go to www.hp.com/support to confirm the correct print cartridge reorder numbers for your country/region.

Order other supplies

To order other supplies, such as HP All-in-One software, a copy of the User Guide, a Setup Guide, or other customer-replaceable parts, call the appropriate number below:

- In the U.S. or Canada, dial 1-800-474-6836 (1-800-HP invent).
- In Europe, dial +49 180 5 290220 (Germany) or +44 870 606 9081 (U.K.).

To order HP All-in-One software in other countries/regions, call the phone number for your country/region. The numbers listed below are current as of the publication date of this guide. For a list of current ordering numbers, go to www.hp.com. If prompted,

choose your country/region, and then click **Contact HP** for information on calling for technical support.

Country/Region	Number for ordering
Asia Pacific (except for Japan)	65 272 5300
Australia	131047
Europe	+49 180 5 290220 (Germany) +44 870 606 9081 (U.K.)
New Zealand	0800 441 147
South Africa	+27 (0)11 8061030
U.S. and Canada	1-800-HP-INVENT (1-800-474-6836)

Order supplies

8   Maintain your HP All-in-One

The HP All-in-One requires little maintenance. Sometimes you might want to clean the glass and lid backing to remove surface dust and ensure that your copies and scans remain clear. You will also need to replace, align, or clean your print cartridges occasionally. This chapter provides instructions for keeping your HP All-in-One in top working condition. Perform these simple maintenance procedures as necessary.

Clean the HP All-in-One

Fingerprints, smudges, hair, and other debris on the glass or lid backing slow down performance and affect the accuracy of special features such as **Fit to Page**. To ensure that your copies and scans remain clear, you might need to clean the glass and lid backing. You might also want to dust the exterior of the HP All-in-One.

Clean the glass

1. Turn off the HP All-in-One, unplug the power cord, and raise the lid.
2. Clean the glass with a soft cloth or sponge slightly moistened with a nonabrasive glass cleaner.

    ⚠ **Warning**   Do not use abrasives, acetone, benzene, or carbon tetrachloride on the glass; they can damage it. Do not place or spray liquid directly on the glass; the liquid might seep under the glass and damage the device.

3. Dry the glass with a chamois or cellulose sponge to prevent spotting.

Clean the lid backing

1. Turn off the HP All-in-One, unplug the power cord, and raise the lid.
2. Gently clean the white document backing with a soft cloth or sponge slightly moistened with a mild soap and warm water. Do not scrub.
3. Dry the backing with a chamois or soft cloth.

    ⚠ **Caution**   Do not use paper-based wipes, as these might scratch the backing.

4. If further cleaning is needed, repeat the previous steps using isopropyl (rubbing) alcohol, and wipe the backing thoroughly with a damp cloth to remove any residual alcohol.

    ⚠ **Caution**   Be careful not to spill alcohol on the glass or painted parts of the HP All-in-One, as this might damage the device.

Clean the exterior

Use a soft cloth or slightly moistened sponge to wipe dust, smudges, and stains off the case. The interior of the HP All-in-One does not require cleaning. Keep fluids away from the control panel and the interior of the HP All-in-One.

⚠ **Caution**   To avoid damage to painted parts of the HP All-in-One, do not use alcohol or alcohol-based cleaning products on the control panel, lid, or other painted parts of the device.

Check the estimated ink levels

You can easily check the ink supply level to determine how soon you might need to replace a print cartridge. The ink supply level shows an estimate of the amount of ink remaining in the print cartridges.

Tip You can also print a self-test report to see if your print cartridges might need to be replaced. For more information, see Print a self-test report.

To check the ink levels from the HP Solution Center (Windows)
1. In the **HP Solution Center**, click **Settings**, point to **Print Settings**, and then click **Printer Toolbox**.
2. Click the **Estimated Ink Level** tab.
   The estimated ink levels for the print cartridges appear.

To check the ink levels from the HP Image Zone software (Mac)
1. In the **HP Image Zone**, choose **Settings**, and then choose **Maintain Printer**.
2. If the **Select Printer** dialog box appears, select your HP All-in-One, and then click **Utilities**.
3. From the pop-up menu, choose **Ink Level**.
   The estimated ink levels for the print cartridges appear.

Print a self-test report

If you are experiencing problems with printing, print a self-test report before you replace the print cartridges.
1. Load full-sized, unused plain white paper into the paper tray.
2. Press and hold the **Cancel** button and then press the **Start Copy Color** button.
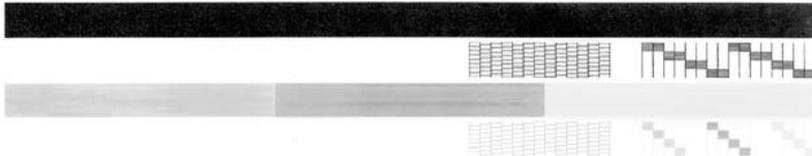
3. Make sure the test patterns show a complete grid and that the thick colors lines are complete.
   – If more than a few lines in a pattern are broken, this might indicate a problem with the nozzles. You might need to clean the print cartridges. For more information, see Clean the print cartridges.
   – If the black line is missing, faded, streaked, or shows lines, this might indicate a problem with the black print cartridge in the right slot.
   – If any of the color lines are missing, faded, streaked, or show lines, this might indicate a problem with the tri-color print cartridge in the left slot.

   Streaks might indicate clogged nozzles or dirty contacts. You might need to clean the print cartridges. For more information, see Clean the print cartridges. Do not clean with alcohol.

   Note For examples of test patterns, lines of color, and color blocks from normal and malfunctioning print cartridges, see the onscreen **HP Image Zone Help** that came with your software.

Work with print cartridges

To ensure the best print quality from your HP All-in-One, you will need to perform some simple maintenance procedures. You might also need to check your print cartridges if the **Check Print Cartridge** light is on.

Replace the print cartridges

When the ink level for the print cartridge is low, replace the print cartridge. Make sure you have a replacement print cartridge available before removing the empty print cartridge. You should also

Maintain your HP All-in-One

replace the print cartridges when you see faded text or if you experience print quality issues related to the print cartridges. For information on checking the ink levels from the **HP Solution Center** or the **HP Image Zone**, see Check the estimated ink levels.

To find out the reorder number for all the print cartridges that your HP All-in-One supports, see Order print cartridges. To order print cartridges for your HP All-in-One, go to www.hp.com.

❑ Make sure the HP All-in-One is on and paper is loaded.

Caution   The HP All-in-One must be on when you lower the print-carriage access door in order to release the cartridges for changing. You might damage the HP All-in-One if the print cartridges are not docked safely in the center when you try to remove them.

❑ Lower the print-carriage access door.

❑ Lightly press down on a print cartridge to release it and pull it toward you.

Note   The HP Inkjet Supplies Recycling Program is available in many countries/regions, and lets you recycle used print cartridges free of charge. For more information, go to the following website:

www.hp.com/hpinfo/globalcitizenship/environment/recycle/inkjet.html
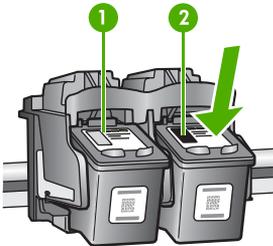
| 1 | Tri-color print cartridge slot |
| 2 | Black print cartridge slot |

❑ Remove the new cartridge from its packaging, and being careful to touch only the black plastic, gently remove the plastic tape by using the pink pull tab.

Caution   Do not touch the copper-colored contacts or ink nozzles. Touching these parts can result in clogs, ink failure, and bad electrical connections.
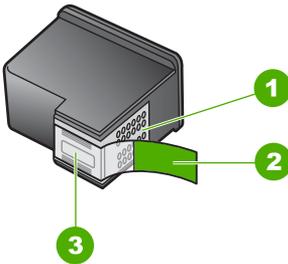
1	**Caution** Do not touch the copper-colored contacts.
2	Plastic tape with pink pull tab (must be removed before installing)
3	**Caution** Do not touch the ink nozzles under the tape.
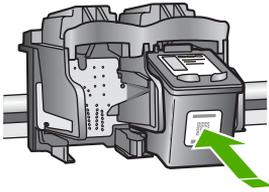
❑ Slide the new print cartridge forward at a slight upward angle into the empty slot. Using your thumb, push the print cartridge forward until it clicks into place.
❑ Close the print-carriage access door.
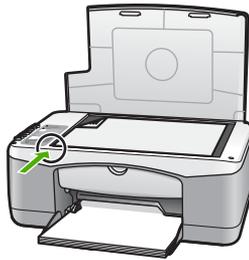
An alignment sheet will print.

❑ Place the alignment sheet on the left front corner of the glass with the top of the page to the left and press the **Scan** button.

Note If you remove and reinstall the same print cartridge, the HP All-in-One will not align the print cartridges.

Align the print cartridges

The HP All-in-One aligns the print cartridges every time you install or replace a print cartridge. You can also align the print cartridges at any time from the **HP Image Zone** software on your computer. Aligning the print cartridges ensures high-quality output.

Note If you remove and reinstall the same print cartridge, the HP All-in-One will not align the print cartridges. The HP All-in-One remembers the alignment values for that print cartridge, so you do not need to realign the print cartridges.

If you have colored paper loaded in the paper tray when you align the print cartridges, the alignment will fail. Load unused plain white paper into the paper tray, and then try the alignment again.

If the alignment fails again, you might have a defective sensor or print cartridge. Contact HP Support. Go to: www.hp.com/support. If prompted, choose your country/region, and then click **Contact HP** for information on calling for technical support.

Scan

1. Make sure you have letter or A4 unused plain white paper loaded in the paper tray.
    The HP All-in-One prints a print cartridge alignment sheet.
2. Load the print cartridge alignment sheet on the left front corner of the glass with the top of the page to the left.
3. Press the **Scan** button.
    The HP All-in-One aligns the print cartridges. Recycle or discard the print cartridge alignment sheet.

Clean the print cartridges

Use this feature of your **HP Image Zone** software when the self-test report shows streaking or white lines through any of the lines of color. Do not clean print cartridges unnecessarily, as this wastes ink and shortens the life of the print cartridges.

If copy or print quality still seems poor after you clean the print cartridges, try cleaning the print cartridge contacts before replacing the affected print cartridge. For information on cleaning the print cartridge contacts, see Clean the print cartridge contacts or around the ink nozzles. For information on replacing the print cartridges, see Replace the print cartridges.

Clean the print cartridge contacts or around the ink nozzles

If the **Check Print Cartridge** light remains on after you have cleaned and removed and reinserted the print cartridge you may need to clean the print cartridge contacts.

If ink streaks and smudges appear on your printed pages, debris might be on the print cartridge. You can clean around the nozzles to remove this debris.

Make sure you have the following materials available:

● Dry foam rubber swabs, lint-free cloth, or any soft material that will not come apart or leave fibers.
● Distilled, filtered, or bottled water (tap water might contain contaminants that can damage the print cartridges).

> ⚠ **Caution**   Do not touch the copper-colored contacts or ink nozzles. Touching these parts can result in clogs, ink failure, and bad electrical connections.

1. Turn on the HP All-in-One and open the print-carriage access door.
2. After the print carriage has moved to the center, unplug the power cord from the back of the HP All-in-One.
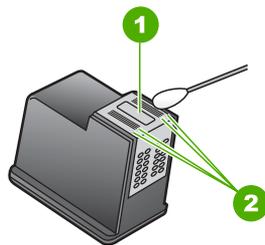3. Remove the print cartridge.

> ⚠ **Caution**   Do not remove both print cartridges at the same time. Remove and clean each print cartridge one at a time so the ink does not dry on the nozzles. Do not leave a print cartridge outside the HP All-in-One for more than 30 minutes.

4. Dip a clean foam rubber swab into distilled water and squeeze any excess water from it.
5. Hold the print cartridge by its sides or place it on a piece of paper with the ink nozzles facing up.
6. Clean only the copper-colored contacts or the area around the ink nozzle area, as shown below.
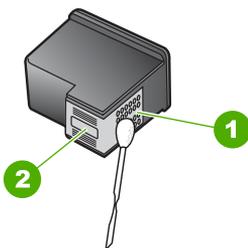
1	Copper-colored contacts
2	Ink nozzles (do not clean)

1	Nozzle plate (do not clean)
2	Face and edges around the ink nozzles

7. Slide the print cartridge back into the slot. Push the print cartridge forward until it clicks into place.
8. Repeat if necessary for the other print cartridge.
9. Close the print-carriage access door and plug the power cord back into the HP All-in-One.

9   Troubleshooting information

This chapter contains limited troubleshooting information for the HP All-in-One. For more troubleshooting information, see the onscreen **HP Image Zone Help** file that came with your software.

Many issues are caused when the HP All-in-One is connected to the computer using a USB cable before the HP All-in-One software is installed on the computer. To resolve this problem, you must follow these steps:

1. Disconnect the USB cable from the computer.
2. Uninstall the software (if you have already installed it).
3. Restart your computer.
4. Turn off the HP All-in-One, wait one minute, then restart it.
5. Reinstall the HP All-in-One software. Do not connect the USB cable to the computer until prompted by the software installation screen.

For information about uninstalling and reinstalling the software, see Uninstall and reinstall the software.

Before you call HP Support

If you have a problem, follow these steps:

1. Check the documentation that came with the HP All-in-One.
    –   **Setup Guide**: The Setup Guide explains how to set up the HP All-in-One.
    –   **User Guide**: The User Guide is the book you are reading.
    –   **HP Image Zone Help**: The onscreen **HP Image Zone Help** describes how to use the HP All-in-One with a computer and contains additional troubleshooting information not covered in the User Guide.
    –   **Readme file**: The Readme file contains information on possible installation problems. For more information, see View the Readme file.
2. If you are unable to solve the problem using the documentation, visit www.hp.com/support for the following options (availability varies by product, country/region, and language):
    –   Online support pages
    –   Check for software updates
    –   Send HP an e-mail message for answers to your questions
    –   Connect with an HP technician by using online chat
3. Contact your local point of purchase.
4. If you are unable to solve the problem using the onscreen Help or HP websites, contact HP Support. For more information, see Get HP support.

View the Readme file

You might want to refer to the Readme file for more information on possible installation problems.

●   In Windows, click **Start**, **Programs** or **All Programs**, **Hewlett-Packard**, **HP PSC 1400 All-in-One series**, and then **View the Readme File**.
●   In Mac OS X, you can access the Readme file by double-clicking the icon located in the top-level folder of the HP All-in-One software CD-ROM.

Setup troubleshooting

This section includes installation and configuration troubleshooting tips for some of the most common issues associated with software installation and hardware setup.

Hardware setup troubleshooting

Use this section to solve any problems you might encounter while setting up the HP All-in-One hardware.

My HP All-in-One does not turn on

Solution Make sure the power cord is firmly connected, and wait a few seconds for the HP All-in-One to turn on. Also, if the HP All-in-One is plugged in to a power strip, make sure the power strip is turned on.
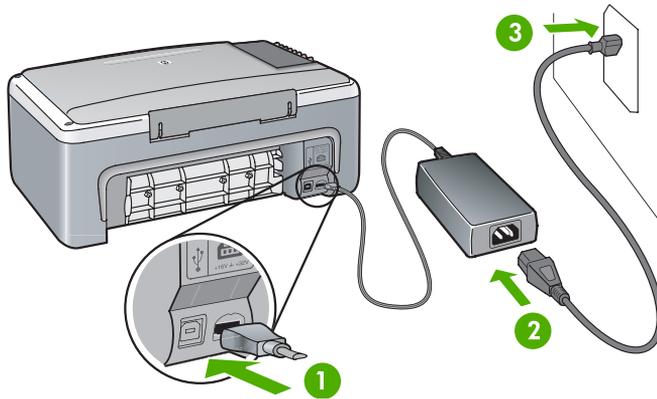
My USB cable is not connected

Solution Do not plug in the USB cable before being prompted during software installation. Connecting the USB cable before prompting can cause errors. Plug one end of the USB cable into your computer and the other into the back of the HP All-in-One. You can connect to any USB port on the computer (not a keyboard or accessory).

I have light or message about print cartridge or alignment problems

Cause The incorrect type of paper is loaded in the paper tray.

Solution The paper must be blank and white for the alignment to succeed.

If the alignment fails again, you might have a defective sensor or print cartridge. Contact HP Support by going to www.hp.com/support. Click **Contact HP** for information on calling for technical support.

Cause Protective tape is covering the print cartridges.

Solution Gently remove the plastic tape by using the pink pull tab. Do not touch the ink nozzles or the copper-colored contacts.
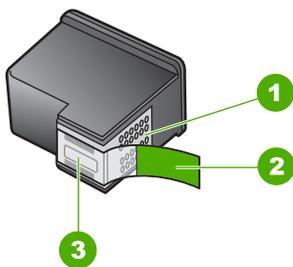
1	Copper-colored contacts
2	Plastic tape with pink pull tab (must be removed before installing)
3	Ink nozzles under tape

Reinsert the print cartridges and verify that they are fully inserted and locked in place.

Cause   The contacts on the print cartridge are not touching the contacts in the print carriage.

Solution   Remove and then reinsert the print cartridges. Verify that they are fully inserted and locked in place.

Cause   The print cartridge or sensor is defective.

Solution   Contact HP Support. Go to www.hp.com/support. Click **Contact HP** for information on calling for technical support.

The HP All-in-One does not print

Solution   Try the following:

- Check the connection from your HP All-in-One and your computer.
    - Verify the USB cable is securely plugged in to both the HP All-in-One and your computer. Turn your HP All-in-One off and then on again.
    - Turn off the HP All-in-One. Wait one minute. Restart the computer and turn the HP All-in-One back on.
    - Check that the USB cable is less than 3 meters (9.8 feet) and verify that it works with another product. Replace the cable if necessary.
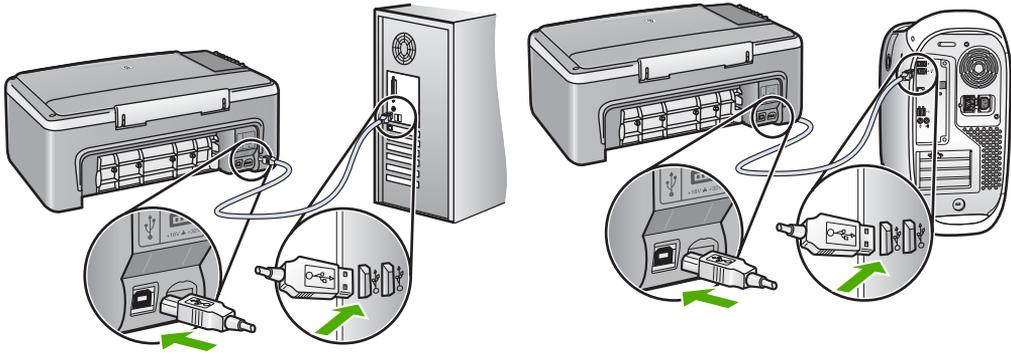
- Check the print queue (under Start, Settings, then Printers and Faxes) to verify that the printer does not have an error document or is not offline or paused. Refer to Windows Help and Support for more information.
- Check the USB cable. Try connecting it to another product to see if the USB cable works. If you experience problems, the USB cable might need to be replaced.
- Check other printers or scanners. You might need to disconnect older products from your computer.
- If necessary, remove and then install the **HP Image Zone** software again. For more information on uninstalling the software, see Uninstall and reinstall the software.

For more information on setting up your HP All-in-One and connecting it to your computer, see the Setup Guide that came with your HP All-in-One.

I have an error light or message about a paper jam or a blocked carriage

Cause   If the error lights indicate a paper jam or carriage stall, there might be some packing material inside the HP All-in-One.

Solution   Lower the print-carriage access door to expose the print cartridges and remove any packing material, tape, or other foreign objects. Turn off the HP All-in-One, wait one minute, and then press the **On / Resume** button to turn the HP All-in-One back on.

Software installation troubleshooting

If you encounter a software problem during installation, see the topics below for a possible solution. If you encounter a hardware problem during installation, see Hardware setup troubleshooting.

During a normal installation of the HP All-in-One software, the following things occur:

- The HP All-in-One CD-ROM runs automatically
- The software installs
- Files are copied to your hard drive
- You are requested to plug in the HP All-in-One
- A green OK and check mark appear on an installation wizard screen
- You are requested to restart your computer
- The registration process runs

If any of these things did not occur, there might be a problem with the installation. To check the installation on a Windows computer, verify the following:

- Start the **HP Solution Center** and check to make sure the following icons appear: **Scan Picture**, **Scan Document**, and **HP Image Zone**. If the icons do not appear immediately,

you might need to wait a few minutes for the HP All-in-One to connect to your computer. Otherwise, see Some of the icons are missing in the HP Solution Center or HP Image Zone.

- Open the Printers dialog box and check to see that the HP All-in-One is listed.
- Look in the system tray at the far right of the Windows taskbar for an HP All-in-One icon. This indicates that the HP All-in-One is ready.

When I insert the CD-ROM into my computer's CD-ROM drive, nothing happens

Solution Double-click **My Computer**, double-click the **CD-ROM** icon, and then double-click **setup.exe**.

The minimum system checks screen appears

Solution Click **Details**, and then correct the problem before attempting to install the software.

A red X appears on the USB connect prompt

Solution Normally, a green check appears indicating that the plug and play is successful. A red X indicates that the plug and play failed.

Do the following:

1. Verify that the control panel overlay is firmly attached, and then unplug the HP All-in-One and then plug it in again.
2. Verify that the USB cable and power cord are plugged in.
   - Do not attach the USB cable to a keyboard or non-powered hub.
   - Verify that the USB cable is 3 meters (9.8 feet) or less in length.
   - If you have several USB devices attached to your computer, you might want to unplug the other devices during the installation.
3. Continue with the installation and restart the computer when prompted.
4. Then open **HP Solution Center** and check for the key components (**Scan Picture**, **Scan Document**, and **HP Image Zone**).
5. If these key components do not appear, remove the software and then reinstall it. For more information, see Uninstall and reinstall the software.

I received a message that an unknown error has occurred

Solution Try to continue with the installation. If that doesn't work, stop and then restart the installation and follow the directions on the screen. If an error occurs, you might need to uninstall and then reinstall the software. For information, see Uninstall and reinstall the software.

Some of the icons are missing in the HP Solution Center or HP Image Zone

If these buttons or icons (**Scan Picture**, **Scan Document**, and **HP Image Zone**) do not appear, your installation might not be complete.

Solution If your installation is incomplete, you might need to uninstall and then reinstall the software. Do not simply delete the HP All-in-One program files from your hard drive. Make sure to remove them properly. For more information, see Uninstall and reinstall the software.

The Digital Imaging Monitor does not appear in the system tray

Solution If the Digital Imaging Monitor does not appear in the system tray, start the **HP Solution Center** to check whether or not the key components (**Scan Picture**, **Scan Document**, and **HP Image Zone**) are there. For more information, see the **Use the HP Solution Center** section of the **HP Image Zone Help** that came with your software.

Uninstall and reinstall the software

If your installation is incomplete, or if you connected the USB cable to the computer before being prompted by the software installation screen, you might need to uninstall and then reinstall the software. Do not simply delete the HP All-in-One program files from your hard drive. Make sure to remove them using these instructions.

A reinstall can take from 20 to 40 minutes for both Windows and Mac computers.

To uninstall from a Windows computer, preferred method

1. Disconnect your HP All-in-One from your computer. Do not connect the HP All-in-One to your computer until after you have reinstalled the software.
2. Click **Start**, **Start Programs** or **All Programs** (XP), **Hewlett-Packard**, **HP PSC 1400 All-in-One series**, **uninstall software** and follow the instructions.
3. Click **No** if you are asked to remove shared files.
4. Restart your computer.
5. To reinstall the software, use the HP All-in-One CD-ROM and follow the instructions provided in the Setup Guide.
6. After the software is installed, connect the HP All-in-One to your computer and press the **On / Resume** button. You might have to wait several minutes for all of the Plug and Play events to complete.

When the software installation is complete, the Status Monitor icon appears in the Windows system tray.

To verify that the software is properly installed, double-click the **HP Solution Center** icon on the desktop. If the **HP Solution Center** shows the key icons (**Scan Picture**, **Scan Document**, and **HP Image Zone**), the software has been properly installed.

To uninstall from a Windows computer (alternate method)

1. Run the HP PSC 1400 All-in-One series software Setup program from the CD-ROM.
2. Select **Uninstall** and follow the onscreen directions.
3. Disconnect your HP All-in-One from your computer. It is important that you disconnect your HP All-in-One before restarting your computer. Do not connect the HP All-in-One to your computer until after you have reinstalled the software.
4. Restart your computer.
5. Run the HP PSC 1400 All-in-One series software Setup program again.
6. Launch **Reinstall**.
7. Follow the onscreen instructions and the instructions provided in the Setup Guide that came with your HP All-in-One.

To uninstall from a Mac computer

1. Disconnect the HP All-in-One from your Mac.
2. Double-click the **Applications: HP All-in-One Software** folder.
3. Double-click **HP Uninstaller**.
   Follow the onscreen instructions.
4. After the software is uninstalled, disconnect your HP All-in-One, and then restart your computer. It is important that you disconnect your HP All-in-One before restarting your computer. Do not connect the HP All-in-One to your computer until after you have reinstalled the software.
5. Insert the HP All-in-One CD-ROM into the CD-ROM drive.
6. On the desktop, open the CD-ROM and then double-click **HP all-in-one installer**.
7. Follow the onscreen instructions and the instructions provided in the Setup Guide that came with your HP All-in-One.

Troubleshooting information

Operational troubleshooting

The **1400 series Troubleshooting** section in the **HP Image Zone Help** contains troubleshooting tips for some of the most common issues associated with your HP All-in-One.

To access the troubleshooting information from a Windows computer, go to the **HP Solution Center**, click **Help**, and then choose **Troubleshooting and Support**. Troubleshooting is also available through the Help button that appears on some error messages.

To access troubleshooting information from Mac OS X, click the **HP Image Zone** icon in the Dock, select **Help** from the menu bar, choose **HP Image Zone Help** from the **Help** menu, and then choose **1400 series Troubleshooting** in the Help Viewer.

Paper troubleshooting

To help avoid paper jams, only use paper types that are recommended for your HP All-in-One. For a list of recommended papers, see the onscreen **HP Image Zone Help**, or go to www.hp.com/support.

Do not load curled or wrinkled paper, or paper with bent or torn edges, into the paper tray. For more information, see Avoid paper jams.

If paper does become jammed in your device, follow these instructions to clear the paper jam.

1. Press in the tab on the left side of the rear clean-out door and pull it toward you to remove it.
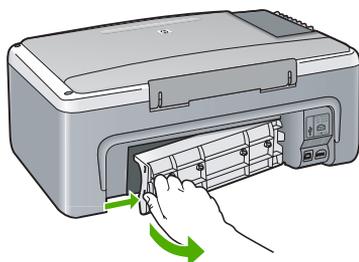
> ⚠️ **Caution**   Trying to clear a paper jam from the front of the HP All-in-One can damage the print mechanism. Always clear paper jams through the rear clean-out door.

2. Gently pull the paper out of the rollers.

> ⚠️ **Caution**   If the paper tears when you are removing it from the rollers, check the rollers and wheels for torn pieces of paper that might be remaining inside the device. If you do not remove all the pieces of paper from the HP All-in-One, more paper jams are likely to occur.

3. Replace the rear clean-out door. Gently push the door forward until it snaps into place.
4. Press **On / Resume** to continue the current job.

Print cartridge troubleshooting

If you are experiencing problems with printing, you might have a problem with one of the print cartridges. Try the following:

1. Remove and reinsert the print cartridges and verify that they are fully inserted and locked in place.
2. If the problem persists, print a self-test report to determine if there is a problem with the print cartridges.
3. If the self-test report shows a problem, clean the print cartridges.
4. If the problem persists, clean the copper-colored contacts of the print cartridges.

5. If you are still experiencing problems with printing, determine which print cartridge is causing the problem and replace it.

For more information on these topics, see Maintain your HP All-in-One.

Device update

Several means are provided to update your HP All-in-One. Each involves downloading a file to your computer to start the **Device Update Wizard**. For example, based on advice from HP customer support, you might access the HP support website to retrieve an update for your device.

Device update (Windows)

1. Use one of the following to retrieve an update for your device:
    –   Use your web browser to download an update for your HP All-in-One from www.hp.com/support. The file will be a self-extracting executable with the extension .exe. When you double-click the .exe file, the **Device Update Wizard** opens on your computer.
    –   Use the **Software Update** utility, provided with the **HP Image Zone** software, to automatically search the HP support website for device updates at predetermined intervals. For more information on the **Software Update** utility, see the **HP Image Zone Help**.

    Note If you installed the **HP Image Zone Express** software, the update utility is called **Update**. The button that opens the **Update** utility is located in the upper left corner of the software window.

2. Do one of the following:
    –   Double-click the update .exe file you downloaded from www.hp.com/support.
    –   When prompted, accept the device update found by the **Software Update** utility.
3. Follow the onscreen prompts.

    Caution Do not disconnect, shut down, or otherwise disturb your device while the update is occurring. If you disrupt the update, or an error message indicates the update failed, call HP support for assistance.

After your HP All-in-One restarts, the **Update Complete** screen appears on your computer and a test page prints from your device.

Device update (Mac)

The device update installer provides a means to apply updates to your HP All-in-One as follows:
1. Use your web browser to download an update for your HP All-in-One from www.hp.com/support.
2. Double-click the downloaded file.
    The installer opens on your computer.
3. Follow the onscreen prompts to install the update to your HP All-in-One.
4. Restart the HP All-in-One to complete the process.

10 Get HP support

Hewlett-Packard provides Internet and phone support for your HP All-in-One.

This chapter provides information on how to get support from the Internet, contact HP customer support, access your serial number and service ID, call in North America during warranty, call HP Korea customer support, call elsewhere in the world, call Australia post-warranty, and prepare your HP All-in-One for shipment.

If you are unable to find the answer you need in the printed or onscreen documentation supplied with your product, you can contact one of the HP support services listed in the following pages. Some support services are available only in the U.S. and Canada, while others are available in many countries/regions worldwide. If a support service number is not listed for your country/region, contact your nearest authorized HP dealer for help.

Get support and other information from the Internet

If you have Internet access, you can get help from www.hp.com/support. This website offers technical support, drivers, supplies, and ordering information.

Warranty support

To obtain HP repair service, you must first contact an HP service office or an HP Customer Support Center for basic troubleshooting. See HP customer support for steps to take before calling Customer Support.

Warranty upgrades

Depending on your country/region, HP might offer, for an additional fee, a warranty upgrade option that extends or enhances your standard product warranty. Available options might include priority phone support, return service, or next business day exchange. Typically, service coverage begins on product purchase date and must be purchased within a limited time of product purchase.

For more information:

● In the U.S., dial 1-866-234-1377 to speak to an HP advisor.
● Outside the U.S., please call your local HP Customer Support office. See Contact HP for a list of international Customer Support numbers.
● Outside the U.S., please call your local HP Customer Support office. Refer to your User Guide for a list of international Customer Support numbers.
● Go to the HP website:
  www.hp.com/support
  If prompted, choose your country/region, and then find warranty information.

Return your HP All-in-One for service

Before returning your HP All-in-One for service, you must contact HP Customer Support. See HP customer support for steps to take before calling Customer Support.

HP customer support

Software programs from other companies might be included with your HP All-in-One. If you experience problems with any of those programs, you will receive the best technical assistance by calling the experts at that company.

If you need to contact HP Customer Support, do the following beforehand.

1. Make sure that:
   a. Your HP All-in-One is plugged in and turned on.
   b. The specified print cartridges are installed correctly.

c. The recommended paper is properly loaded in the paper tray.
2. Reset your HP All-in-One:
   a. Turn off the HP All-in-One by pressing the **On** button.
   b. Unplug the power cord from the back of the HP All-in-One.
   c. Plug the power cord back into the HP All-in-One.
   d. Turn on the HP All-in-One by pressing the **On** button.
3. For more information, go to www.hp.com/support.
   This website offers technical support, drivers, supplies, and ordering information.
4. If you are still experiencing problems and need to speak with an HP Customer Support Representative, do the following:
   a. Have the specific name of your HP All-in-One, as it appears on the control panel, available.
   b. Print a self-test report. For information on printing a self-test report, see Print a self-test report.
   c. Make a color copy to have available as a sample printout.
   d. Be prepared to describe your problem in detail.
   e. Have your serial number and service ID ready. For information on how to access your serial number and service ID, see Access your serial number and service ID.
5. Call HP Customer Support. Be near your HP All-in-One when you call.

Access your serial number and service ID

You can access the serial number and service ID for your HP All-in-One by printing a self-test report.

Note If you cannot turn on your HP All-in-One, you can view the serial number by looking at the sticker on the bottom of the device. The serial number is the 10-character code in the upper left corner of the sticker.

Cancel   Start Copy Color

To print a self-test report
1. Press and hold **Cancel** on the control panel.
2. While holding **Cancel**, press **Start Copy Color**.
   The self-test report prints, containing the serial number and service ID.

Contact HP

Support for the following countries/regions is available at **www.hp.com/support**: Austria, Belgium, Central America & The Caribbean, Denmark, Spain, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Finland, Sweden, Switzerland, and the United Kingdom.

61 56 45 43	الجزائر	Nederland	www.hp.com/support
Österreich	www.hp.com/support	Nigeria	1 3204 999
800 171	البحرين	Norge	www.hp.com/support
België	www.hp.com/support	Polska	0 801 800 235
Belgique	www.hp.com/support	Portugal	www.hp.com/support
Česká republika	261 307 310	România	(21) 315 4442
Danmark	www.hp.com/support	Россия (Москва)	095 7973520
2 532 5222	مصر	Россия (Санкт-Петербург)	812 3467997
España	www.hp.com/support	800 897 1444	السعودية
France	www.hp.com/support	Slovensko	2 50222444
Deutschland	www.hp.com/support	South Africa (international)	+ 27 11 2589301
Ελλάδα (από το εξωτερικό) Ελλάδα (εντός Ελλάδας) Ελλάδα (από Κύπρο)	+ 30 210 6073603 801 11 22 55 47 800 9 2649	South Africa (RSA)	086 0001030
		Rest of West Africa	+ 351 213 17 63
		Suomi	www.hp.com/support
Magyarország	1 382 1111	Sverige	www.hp.com/support
Ireland	www.hp.com/support	Switzerland	www.hp.com/support
(0) 9 830 4848	ישראל	71 89 12 22	تونس
Italia	www.hp.com/support	Türkiye	90 212 444 71 71
Luxembourg	www.hp.com/support	Україна	(380 44) 4903520
Luxemburg	www.hp.com/support	800 4910	الإمارات العربية المتحدة
22 404747	المغرب	United Kingdom	www.hp.com/support

Call HP Korea customer support

HP 한국 고객 지원 문의

* 고객 지원 센터 대표 전화
  1588-3003

* 제품가격 및 구입처 정보 문의 전화
  080-703-0700

* 전화 상담 가능 시간 :
  평 일 09:00~18:00
  토요일 09:00~13:00
  (일요일,공휴일 제외)

Prepare your HP All-in-One for shipment

If after contacting HP Customer Support or returning to the point of purchase, you are requested to send your HP All-in-One in for service, please follow the steps below to avoid further damage to the HP product.

1. Turn on the HP All-in-One.
   Disregard steps 1 through 6 if your HP All-in-One will not turn on. You will not be able to remove the print cartridges. Proceed to step 8.
2. Open the print-carriage access door.
3. Wait until the print carriage is idle and silent, and then remove the print cartridges from their slots.
   For information on removing the print cartridges, see Replace the print cartridges.

4. Place the print cartridges in a print cartridge protector or an airtight plastic container so they will not dry out, and put them aside. Do not send them with the HP All-in-One unless the HP customer support call agent instructs you to.

5. Close the print-carriage access door and wait a few minutes for the print carriage to move back to its home position (on the left side).

> **Note** Make sure the print carriage has returned to its parked position before turning off the HP All-in-One.

6. Press the **On** button to turn off the HP All-in-One.

7. Unplug the power cord, and then disconnect it from the HP All-in-One.

> **Note** Do not return the power cord and power supply with the HP All-in-One. The replacement HP All-in-One will not be shipped with these items. Store the power cord and power supply in a safe place until the replacement HP All-in-One arrives.

8. If available, pack the HP All-in-One for shipment by using the original packing materials or the packaging materials that came with your exchange device.
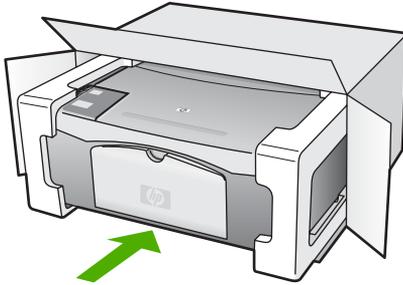
If you do not have the original packaging materials, please use other adequate packaging materials. Shipping damage caused by improper packaging and/or improper transportation is not covered under the warranty.

9. Place the return shipping label on the outside of the box.

10. Include the following items in the box:
    – A complete description of symptoms for service personnel (samples of print quality problems are helpful).
    – A copy of the sales slip or other proof of purchase to establish the warranty coverage period.
    – Your name, address, and a phone number where you can be reached during the day.

Hewlett-Packard LIMITED WARRANTY STATEMENT

Your HP All-in-One comes with a limited warranty that is described in this section.

HP product	Duration of limited warranty
Software	90 days
Print cartridges	Until the HP ink is depleted or the "end of warranty" date printed on the cartridge has been reached, whichever occurs first. This warranty does not cover HP ink products that have been refilled, remanufactured, refurbished, misused, or tampered with.
Accessories	1 year
Printer peripheral hardware (see the following for details)	1 year

A. Extent of limited warranty
 1. Hewlett-Packard (HP) warrants to the end-user customer that the HP products specified above will be free from defects in materials and workmanship for the duration specified above, which duration begins on the date of purchase by the customer.
 2. For software products, HP's limited warranty applies only to a failure to execute programming instructions. HP does not warrant that the operation of any product will be uninterrupted or error free.
 3. HP's limited warranty covers only those defects that arise as a result of normal use of the product, and does not cover any other problems, including those that arise as a result of:
  a. Improper maintenance or modification;
  b. Software, media, parts, or supplies not provided or supported by HP;
  c. Operation outside the product's specifications;
  d. Unauthorized modification or misuse.
 4. For HP printer products, the use of a non-HP ink cartridge or a refilled ink cartridge does not affect either the warranty to the customer or any HP support contract with the customer. However, if printer failure or damage is attributable to the use of a non-HP or refilled ink cartridge, HP will charge its standard time and materials charges to service the printer for the particular failure or damage.
 5. If HP receives, during the applicable warranty period, notice of a defect in any product which is covered by HP's warranty, HP shall either repair or replace the product, at HP's option.
 6. If HP is unable to repair or replace, as applicable, a defective product which is covered by HP's warranty, HP shall, within a reasonable time after being notified of the defect, refund the purchase price for the product.
 7. HP shall have no obligation to repair, replace, or refund until the customer returns the defective product to HP.
 8. Any replacement product may be either new or like-new, provided that it has functionality at least equal to that of the product being replaced.
 9. HP products may contain remanufactured parts, components, or materials equivalent to new in performance.
 10. HP's Limited Warranty Statement is valid in any country where the covered HP product is distributed by HP. Contracts for additional warranty services, such as on-site service, may be available from any authorized HP service facility in countries where the product is distributed by HP or by an authorized importer.
B. Limitations of warranty
  TO THE EXTENT ALLOWED BY LOCAL LAW, NEITHER HP NOR ITS THIRD PARTY SUPPLIERS MAKES ANY OTHER WARRANTY OR CONDITION OF ANY KIND, WHETHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.
C. Limitations of liability
 1. To the extent allowed by local law, the remedies provided in this Warranty Statement are the customer's sole and exclusive remedies.
 2. TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT SHALL HP OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
D. Local law
 1. This Warranty Statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.
 2. To the extent that this Warranty Statement is inconsistent with local law, this Warranty Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Warranty Statement may not apply to the customer. For example, some states in the United States, as well as some governments outside the United States (including provinces in Canada), may:
  a. Preclude the disclaimers and limitations in this Warranty Statement from limiting the statutory rights of a consumer (e.g., the United Kingdom);
  b. Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations; or
  c. Grant the customer additional warranty rights, specify the duration of implied warranties which the manufacturer cannot disclaim, or allow limitations on the duration of implied warranties.
 3. THE TERMS IN THIS WARRANTY STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THE HP PRODUCTS TO SUCH CUSTOMERS.

HP Limited Warranty

Dear Customer,

You will find below the name and address of the HP entity responsible for the performance of the HP Limited Warranty in your country.

You may have additional statutory rights against the seller based on your purchase agreement. Those rights are not in any way affected by this HP Limited Warranty.

Ireland: Hewlett-Packard Ireland Ltd. 30 Herbert Street IRL-Dublin 2
United Kingdom: Hewlett-Packard Ltd, Cain Road, Bracknell, GB-Berks RG12 1HN

11 Technical information

The technical specifications and international regulatory information for your HP All-in-One are provided in this section.

This chapter provides information on system requirements for Windows and Mac; paper, print, copy, memory card, specifications for scan, physical, power, and environmental concerns; regulatory notices; and the declaration of conformity.

System requirements

Software system requirements are located in the Readme file. You can access the Readme file by double-clicking the icon located in the top-level folder of the HP All-in-One software CD-ROM. If Windows software is already installed, you can access the Readme file from the **Start** button on the taskbar; select **Programs**, **Hewlett-Packard**, **HP PSC 1400 Series**, **View the Readme File**.

Paper specifications

This section provides information on paper-tray capacities, paper sizes, and print margin specifications.

Paper-tray capacities

Type	Paper weight	Paper tray[1]	Output tray[2]
Plain paper	20 to 24 lb. (75 to 90 gsm)	100 (20 lb. paper)	50 (20 lb. paper)
Legal paper	20 to 24 lb. (75 to 90 gsm)	100 (20 lb. paper)	50 (20 lb. paper)
Cards	110 lb. index max (200 gsm)	20	10
Envelopes	20 to 24 lb. (75 to 90 gsm)	10	10
Transparency film	N/A	20	15 or fewer
Labels	N/A	20	10
4 x 6 inch (10 x 15 cm) Photo Paper	145 lb. (236 gsm)	20	15
8.5 x 11 inch (216 x 279 mm) Photo Paper	N/A	20	10

1 Maximum capacity.
2 Output tray capacity is affected by the type of paper and the amount of ink you are using. HP recommends emptying the output tray frequently.

Paper sizes

Type	Size
Paper	Letter: 216 x 280 mm (8.5 x 11 inches)

Type	Size
	A4: 210 x 297 mm
	A5: 148 x 210 mm
	Executive: 184.2 x 266.7 mm (7.25 x 10.5 inches)
	Legal: 216 x 356 mm (8.5 x 14 inches)
Envelopes	U.S. #10: 105 x 241 mm (4.125 x 9.5 inches)
	U.S. #9: 98 x 225 mm (3.9 x 8.9 inches)
	A2: 111 x 146 mm (4.4 x 5.8 inches)
	DL: 110 x 220 mm (4.3 x 8.7 inches)
	C6: 114 x 162 mm (4.5 x 6.4 inches)
Transparency film	Letter: 216 x 279 mm (8.5 x 11 inches)
	A4: 210 x 297 mm
Photo paper	102 x 152 mm (4 x 6 inches)
Cards	76 x 127 mm (3 x 5 inches)
	Index card: 101 x 152 mm (4 x 6 inches)
	127 x 178 mm (5 x 7 inches)
	A6: 105 x 148.5 mm
	Hagaki: 100 x 148 mm (3.94 x 5.83 inches)
Labels	Letter: 216 x 279 mm (8.5 x 11 inches)
	A4: 210 x 297 mm
Custom	76 x 127 mm up to 216 x 356 mm (3 x 5 inches up to 8.5 x 14 inches)

Print margin specifications

	Top (leading edge)	Bottom (trailing edge)[1]
Paper or transparency film		
U.S. (Letter, Legal, Executive)	1.5 mm (0.06 inches)	12.7 mm (0.5 inches)
ISO (A4, A5) and JIS (B5)	1.8 mm (0.07 inches)	12.7 mm (0.5 inches)
Envelopes		
	3.2 mm (0.13 inches)	3.2 mm (0.13 inches)
Cards		
	1.8 mm (0.07 inches)	11.7 mm (0.46 inches)

1   This margin is not compatible; however, the total writing area is compatible. The writing area is offset from center by 5.4 mm (0.21 inches), which causes asymmetric top and bottom margins.

Print specifications

- 600 x 600 dpi black
- 4800 x 1200 optimized dpi color

- Method: drop-on-demand thermal inkjet
- Language: LIDIL (lightweight imaging device interface language)
- Print speeds vary according to the complexity of the document
- Duty cycle: 500 printed pages per month (average)
- Duty cycle: 5000 printed pages per month (maximum)

Mode		Resolution (dpi)	Speed (ppm)
Max DPI	Black	4800 x 1200 optimized DPI	0.12
	Color	4800 x 1200 optimized DPI[1]	0.12
Best	Black	1200 x 1200	0.92
	Color	1200 x 1200 up to 4800 dpi optimized	0.92
Normal	Black	600 x 600	7
	Color	600 x 600	2.88
Fast Normal	Black	600 x 600	7
	Color	600 x 600	4.69
Fast	Black	300 x 300	18
	Color	300 x 300	13

1   Up to 4800 x 1200 optimized dpi color printing on premium photo papers, 1200 x 1200 input dpi.

Copy specifications

- Digital image processing
- Up to 9 copies from original (varies by model)
- Fit to page
- Up to 18 copies per minute black; 13 copies per minute color (varies by model)
- Copy speeds vary according to the complexity of the document

Mode		Speed (ppm)	Print resolution (dpi)	Scan resolution (dpi)[1]
Best	Black	up to 0.8	600 x 600	600 x 2400
	Color	up to 0.8	1200 x 1200[2]	600 x 2400
Fast	Black	up to 18	300 x 1200	600 x 1200
	Color	up to 13	600 x 300	600 x 1200

1   Maximum at 400% scaling.
2   On photo paper.

Scan specifications

- Image editor included
- Integrated OCR software automatically converts scanned text to editable text
- Scan speeds vary according to the complexity of the document
- Twain-compliant interface
- Resolution: up to 600 x 2400 dpi optical; 19200 dpi enhanced (software)

- Color: 36-bit color, 8-bit grayscale (256 levels of gray)
- Maximum scan size from glass: 21.6 x 29.7 cm (8.5 x 11.7 inches)

Physical specifications

- Height: 16.97 cm (7.0 inches)
- Width: 44 cm (16.8 inches)
- Depth: 25.9 cm (10.2 inches)
- Weight: 4.5 kg (10 pounds)

Power specifications

- Power consumption: 80 W maximum
- Input voltage: AC 100 to 240 V ~ 1 A 50–60 Hz, grounded
- Output voltage: DC 32 V===940 mA, 16 V===625mA

Environmental specifications

- Recommended operating temperature range: 15º to 32º C (59º to 90º F)
- Allowable operating temperature range: 5º to 40º C (41º to 104º F)
- Humidity: 15% to 85% RH non-condensing
- Non-operating (Storage) temperature range: –20º to 50º C (–4º to 122º F)
- In the presence of high electromagnetic fields it is possible the output from the HP All-in-One might be slightly distorted
- HP recommends using a USB cable less than or equal to 3 m (10 feet) in length to minimize injected noise due to potential high electromagnetic fields

Additional specifications

If you have Internet access, you can get acoustic information from the HP website. Go to: www.hp.com/support.

Environmental product stewardship program

This section provides information on protecting the environment; ozone production; energy consumption; paper use; plastics; material safety data sheets; and recycling programs.

Protecting the environment

Hewlett-Packard is committed to providing quality products in an environmentally sound manner. This product has been designed with several attributes to minimize impacts on our environment. For more information, visit HP's Commitment to the Environment website at:
www.hp.com/hpinfo/globalcitizenship/environment/index.html

Ozone production

This product generates no appreciable ozone gas (O3).

Energy consumption

Energy usage drops significantly while in ENERGY STAR® mode, which saves natural resources and saves money without affecting the high performance of this product. This product qualifies for ENERGY STAR, which is a voluntary program established to encourage the development of energy-efficient office products.

ENERGY STAR is a U.S. registered service mark of the U.S. EPA. As an ENERGY STAR partner, HP has determined that this product meets ENERGY STAR guidelines for energy efficiency.

For more information on ENERGY STAR guidelines, go to the following website:

www.energystar.gov

Paper use

This product is suited for the use of recycled paper according to DIN 19309.

Plastics

Plastic parts over 25 grams are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of the product's life.

Material safety data sheets

Material safety data sheets (MSDS) can be obtained from the HP website at:

www.hp.com/go/msds

Customers without Internet access should contact their local HP Customer Care Center.

Recycling program

HP offers an increasing number of product return and recycling programs in many countries/regions, as well as partnering with some of the largest electronic recycling centers throughout the world. HP also conserves resources by refurbishing and reselling some of its most popular products.

This HP product contains the following materials that might require special handling at end-of-life:

- Mercury in the fluorescent lamp in the scanner (< 2 mg)
- Lead in solder (As of July 1, 2006, all newly-manufactured products will contain lead-free solder and components according to European Union Directive 2002/95/EC.)

HP inkjet supplies recycling program

HP is committed to protecting the environment. The HP Inkjet Supplies Recycling Program is available in many countries/regions, and lets you recycle used print cartridges free of charge. For more information, go to the following website:

www.hp.com/hpinfo/globalcitizenship/environment/recycle/inkjet.html

Important recycling information for our customers in the European Union

To preserve the environment, this product must be recycled after its useful life as required by law. The symbol below indicates that this product may not be disposed in the general trash. Please return the product for proper recovery/disposal to the authorized collection location nearest to you. For more information regarding return and recycling of HP products generally, please visit: http://www.hp.com/hpinfo/globalcitizenship/environment/recycle/index.html.

Technical information

Regulatory notices

The HP All-in-One meets product requirements from regulatory agencies in your country/region. This section provides information on the regulatory model identification number for your HP All-in-One; an FCC statement; and separate notices to users in Australia and Korea.

Regulatory model identification number

For regulatory identification purposes, your product is assigned a Regulatory Model Number. The Regulatory Model Number for your product is SDGOB-0401-02. This regulatory number should not be confused with the marketing name (HP PSC 1400 All-in-One series) or product number (Q5786A).

FCC statement

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product.

Declaration of Conformity: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Class B limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For more information, contact the Product Regulations Manager, Hewlett-Packard Company, San Diego, (858) 655-4100.

The user may find the following booklet prepared by the Federal Communications Commission helpful: How to Identify and Resolve Radio-TV Interference Problems. This booklet is available from the U.S. Government Printing Office, Washington DC, 20402. Stock No. 004-000-00345-4.

Caution Pursuant to Part 15.21 of the FCC Rules, any changes or modifications to this equipment not expressly approved by the Hewlett-Packard Company may cause harmful interference and void the FCC authorization to operate this equipment.

Note à l'attention des utilisateurs Canadien/notice to users in Canada

Le présent appareil numérique n'émet pas de bruit radioélectrique dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

This digital apparatus does not exceed the Class B limits for radio noise emissions from the digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Notice to users in Australia

This equipment complies with Australian EMC requirements.

Notice to users in Korea

사용자 안내문(B급 기기)

이 기기는 비업무용으로 전자파 적합 등록을 받은 기기로서,
주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Index

Declaration of conformity (European Economic Area)

The Declaration of Conformity in this document complies with ISO/IEC Guide 22 and EN 45014. It identifies the product, manufacturer's name and address, and applicable specifications recognized in the European community.

Declaration of conformity

<table>
<tr><td colspan="2">**DECLARATION OF CONFORMITY**
according to ISO/IEC Guide 22 and EN 45014</td></tr>
<tr><td>**Manufacturer's Name:**</td><td>Hewlett-Packard Company</td></tr>
<tr><td>**Manufacturer's Address:**</td><td>16399 West Bernardo Drive
San Diego CA 92127, USA</td></tr>
<tr><td>**Regulatory Model Number:**</td><td>SDGOB-0503</td></tr>
<tr><td>**Declares, that the product:**
Product Name:</td><td>HP PSC 1400 All-in-One series</td></tr>
</table>

Conforms to the following Product Specifications:

Safety:	IEC 60950-1: 2001
	EN 60950-1: 2002
	UL 60950: 1999
	CAN/CSA-22.2 No. 60950-1-03
	GB4943: 2001

EMC:	CISPR 22:1997 / EN 55022:1998 Class B
	CISPR 24:1997 / EN 55024:1998 +A1:2001
	IEC 61000-3-2: 2000 / EN 61000-3-2: 2000
	IEC 61000-3-3/A1: 2001 / EN 61000-3-3/ A1: 2001
	FCC Part 15-Class B/ICES-003, Issue 2
	GB9254: 1998

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EC, the EMC Directive 89/336/EC and carries the CE-marking accordingly.

1) The product was tested in a typical configuration.

2) Please refer to the declaration of similarity (DoS) for all tested power supplies

20 December 2004
Date   San Diego Regulatory MGR.

European Contact for regulatory topics only: Hewlett Packard GmbH, HQ-TRE, Herrenberger Strasse 140, D-71034 Böblingen Germany. (FAX +49-7031-14-3143

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