

Dell™ Photo Printer 720 User's Guide

Click the links to the left for information on the features and operation of your printer. For information on other documentation included with your printer, see [Finding Information](#).

To order ink or supplies from Dell:

1. Double-click the icon on your desktop.



2. Visit Dell's website, or order Dell printer supplies by phone.

www.dell.com/supplies

For the best service, make sure you have the Dell printer Service Tag available. See [Express Service Code and Service Tag](#).

Notes, Notices, and Cautions

-  **NOTE:** A NOTE indicates important information that helps you make better use of your printer.
-  **NOTICE:** A NOTICE indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.
-  **CAUTION:** A CAUTION indicates a potential for property damage, personal injury, or death.

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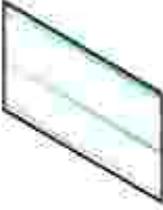
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Model 720

May 2004 SRV R5221 Rev. A00

Finding Information

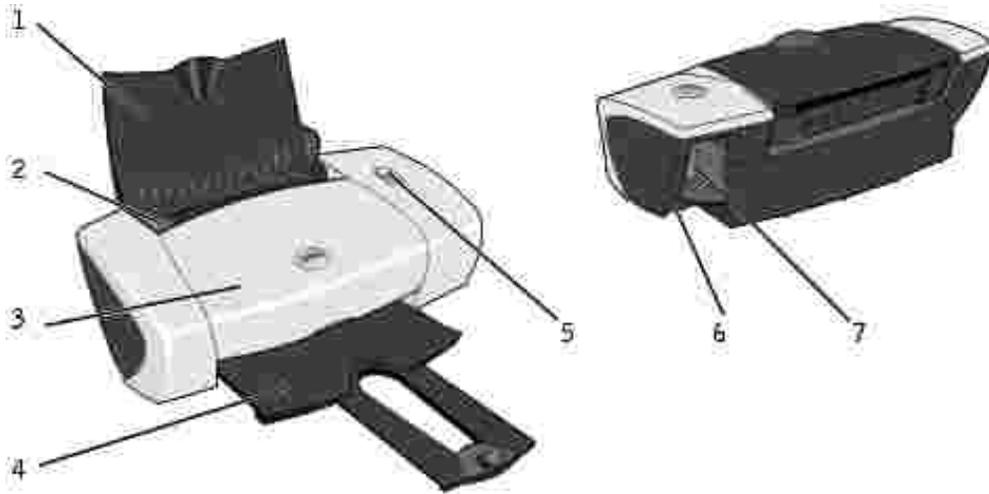
What are you looking for?	Find it here
<ul style="list-style-type: none">• Drivers for my printer• My <i>User's Guide</i>	<p><i>Drivers and Utilities CD</i></p>  <p>Documentation and drivers are already installed on your printer when shipped from Dell. You can use the CD to uninstall/reinstall drivers or access your documentation.</p> <p>Readme files may be included on your CD to provide last-minute updates about technical changes to your printer or advanced technical reference material for experienced users or technicians.</p>
<ul style="list-style-type: none">• Safety information• How to set up and use my printer• Warranty information	<p><i>Owner's Manual</i></p> 
<ul style="list-style-type: none">• How to set up my printer	<p>Setup diagram</p> 
Express Service Code and Service Tag number	<p>Express Service Code and Service Tag</p>  <p>This label is located under the front cover of the printer.</p>

	<p>Use the Service Tag to identify your printer when you use support.dell.com or contact technical support.</p> <p>NOTE: The Express Service Code is not available in all countries.</p>
<ul style="list-style-type: none"> • Latest drivers for my printer • Answers to technical service and support questions • Documentation for my printer 	<p>Dell Support website - support.dell.com</p> <p>The Dell Support website provides several online tools, including:</p> <ul style="list-style-type: none"> • Solutions - Troubleshooting hints and tips, articles from technicians, and online courses • Community - Online discussion with other Dell customers • Upgrades - Upgrade information for components, such as memory • Customer Care - Contact information, order status, warranty, and repair information • Downloads - Drivers • Reference - Printer documentation and product specifications
<ul style="list-style-type: none"> • How to use Windows XP • Documentation for my printer 	<p>Windows XP Help and Support Center</p> <ol style="list-style-type: none"> 1. Click Start→ Help and Support. 2. Type a word or phrase that describes your problem and click the arrow icon. 3. Click the topic that describes your problem. 4. Follow the instructions on the screen.

About Your Printer

- [Understanding the Printer Parts](#)
 - [Setting Up Your Printer](#)
 - [Understanding the Printer Software](#)
-

Understanding the Printer Parts



Number:	Part:	Description:
1	Paper support	Part that supports loaded paper.
2	Paper guide	Guide that helps the paper feed into the printer properly.
3	Front cover	Cover to open to change ink cartridges.
4	Paper exit tray	Tray that holds the paper as it exits the printer. NOTE: Pull the paper exit tray straight out to extend it.
5	Power/Resume button	Button to turn the printer on or off or eject paper from the printer.
6	USB connector	Slot into which you plug the USB cable (sold separately). The other end of the USB cable plugs into your computer.
7	Power connector	Slot into which you plug the power adapter. NOTE: Insert the power adapter into the printer before connecting the power cable into the wall outlet.

Setting Up Your Printer

 **NOTE:** The Dell Photo Printer 720 supports Microsoft® Windows® 2000 and Windows XP.

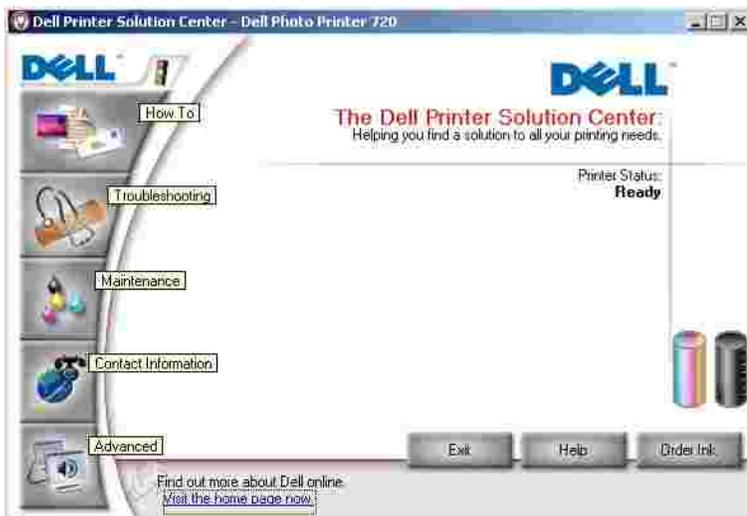
Follow the instructions on the *Setting Up Your Printer* poster to install the hardware and software. If you encounter problems during setup, see [Setup Problems](#) for more information.

Understanding the Printer Software

The printer software includes:

- Dell Printer Solution Center - Provides maintenance and troubleshooting help, basic usage information, and how-to's for creating projects.
- Printing Preferences - Allows you to adjust printer settings.

Using the Dell Printer Solution Center



How To tab

- Learn about Your Printer - Select a topic from this drop-down list and click View for more information.
- Basic Printing Tips - Select a topic from this drop-down list and click View for more information.
- Projects drop-down list - Select a project from this drop-down list and click View for more information.

Troubleshooting tab - Provides links to more information about basic troubleshooting topics, such as "How to clear error messages."

Maintenance tab

- Install a new print cartridge icon - Click this icon and follow the instructions on the screen to install a new ink cartridge.
- View shopping options for new cartridges icon - Click this icon and follow the instructions on the screen to order new ink cartridges.
- Print a test page icon - Click this icon to print a test page.
- Clean to fix horizontal streaks icon - Click this icon and follow the instructions on the screen to clean your ink cartridge nozzles.
- Troubleshoot other ink problems icon - Click this icon for more information on fixing ink problems.
- Align to fix blurry edges icon - Click this icon for more information on printing an alignment page and fixing ink cartridge alignment.

Contact Information tab

- Ordering Ink or Supplies - Directs you to Dell's cartridge ordering website, www.dell.com/supplies.
- Customer Support - Directs you to Dell's customer support website, support.dell.com.
- Contact Dell by Phone - Lists the "Contacting Dell" phone number by country.

Advanced tab

- Printing Status button - Click this button to see your options for displaying printing status information on your screen.
- About button - Click this button to view software version information.

To access the Dell Printer Solution Center:

Click Start→ Programs or All Programs→ Dell Printers→ Dell Photo Printer 720→ Dell Printer Solution Center.

Using Printing Preferences



Printing Preferences allows you to change the various printer settings. You can change your printer settings in Printing Preferences depending on the type of project you want to create.

To access Printing Preferences:

1. With your document open, click File→ Print.

The Print dialog box appears.

2. In the Print dialog box, click Preferences, Properties, Options, or Setup (depending on the program or operating system).

The Printing Preferences screen appears.

To access Printing Preferences when a document is not open:

1. In Windows XP, click Start→ Control Panel→ Printers and Other Hardware→ Printers and Faxes.

In Windows 2000, click Start→ Settings→ Printers.

2. Right-click the printer icon, and then select Printing Preferences.

 **NOTE:** Changes made to the printer settings from the Printers folder become the default settings for most programs.

Printing Preferences Tabs

Printing Preferences includes three main tabs.

From this tab:	You can change these settings:
Quality/Copies	Quality/Speed - Select Quick Print, Normal, Better, or Best depending on your desired output quality. Quick Print is the fastest option.
	Multiple Copies - Customize how the printer prints several photocopies of a single print job: Collated, Normal, or Print Last Page First.
	Print Color Images in Black and White - Print your color images in black and white to save the ink in your color ink cartridge.
Paper Setup	Type - Select the type and size of paper.
	Orientation - Select how the document is arranged on the printed page. You can print using portrait or landscape orientation.
Print Layout	Layout - Select Normal, Banner, Mirror, N-up, Poster, or Booklet.
	Duplexing - Select this to print on both sides of the paper.

Using the Printer

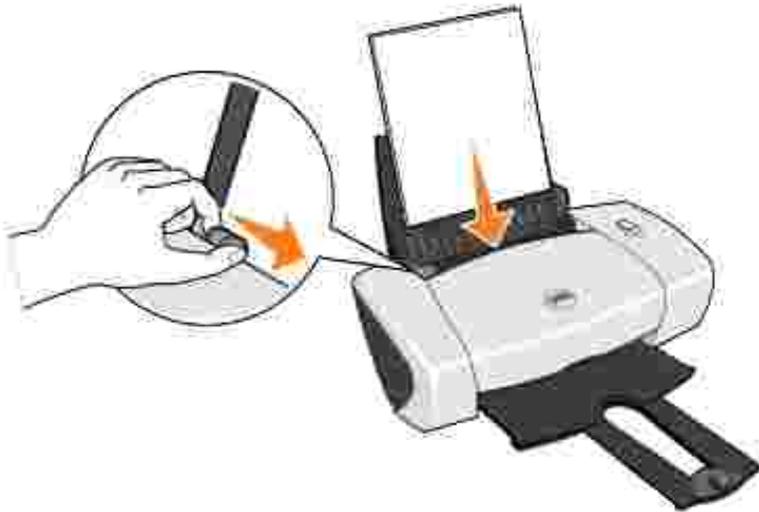
• [Loading Paper](#)

• [Printing](#)

Loading Paper

1. Place the paper against the guide on the right side of the paper support.
2. Squeeze and slide the left paper guide to the left edge of the paper.

 **NOTE:** Do not force paper into the printer. The paper should be flat against the paper support surface and the right edge should be flush against the right paper guide.



Printing

Printing a Document

1. Turn on your computer and printer, and make sure they are connected.
2. Load the paper with the print side facing up. For more information, see [Loading Paper](#).
3. With your document open, click File→ Print.
4. Customize your print settings:
 - a. Click Preferences, Properties, Options, or Setup (depending on the program or operating system).

The Printing Preferences dialog box appears.

- b. On the Quality/Copies tab, select Quality/Speed, the paper type, the number of copies, and black and white or color printing.
 - c. On the Paper Setup tab, select the paper size and orientation.
 - d. On the Print Layout tab, select the layout and duplexing settings.
 - e. To see details about a setting, right-click the setting on the screen, and then select What's This?.
 - f. After making the changes in Printing Preferences, click OK at the bottom of the screen to return to the Print dialog box.
5. Click OK or Print (depending on the program or operating system).

Printing Photos

1. Load the photo paper with the print (glossy) side facing up. For more information, see [Loading Paper](#).
2. With your document open, click File→ Print.
3. To customize your print settings, click Preferences, Properties, Options, or Setup (depending on the program or operating system).

The Printing Preferences dialog box appears.

4. On the Quality/Copies tab, select Quality/Speed and the paper type.
5. On the Paper Setup tab, select the paper size and orientation.

 **NOTE:** Photo/glossy or coated paper is recommended for printing photos.

6. On the Print Layout tab, select the photo layout.
7. When finished customizing your photo, click OK.
8. Click OK or Print (depending on the program or operating system).
9. To prevent your photos from sticking together or smudging, remove each photo after it exits the printer.

 **NOTE:** Before placing your prints in a nonadhesive photo album or frame, allow sufficient time for the prints to dry thoroughly (12 to 24 hours, depending on the ambient conditions). This maximizes the life of your prints.

Printing Other Projects

The I Want To menu provides wizards for creating projects. You may want to print a photo, print on an envelope, print a banner, make a poster, create a booklet, or print a greeting card.

1. With your document open, click File→ Print.
2. To customize print settings, click Preferences, Properties, Options, or Setup (depending on the program or operating system).

The Printing Preferences dialog box appears along with the I Want To menu.

3. Select one of the available projects or click See more printing ideas.
4. Follow the instructions on the screen to complete your project.

Ink Cartridge Maintenance

- [Replacing Ink Cartridges](#)
 - [Aligning Ink Cartridges](#)
 - [Cleaning the Ink Cartridge Nozzles](#)
-

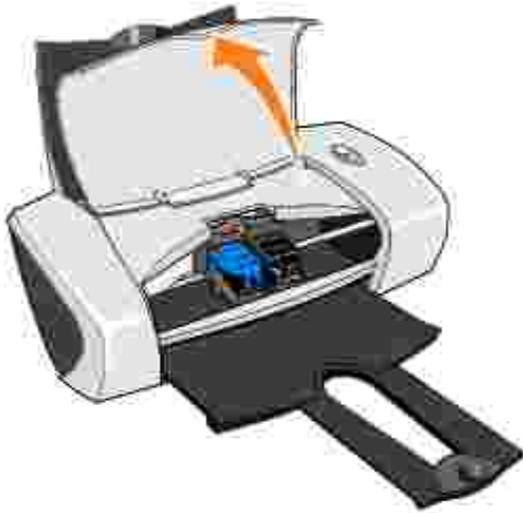
Replacing Ink Cartridges

 **CAUTION:** Before performing any of the procedures listed in this section, read and follow the "CAUTION: SAFETY INSTRUCTIONS" in your *Owner's Manual*.

Dell ink cartridges are available only through Dell. You can order more ink online at www.dell.com/supplies or by phone. To order by phone, see your *Owner's Manual*.

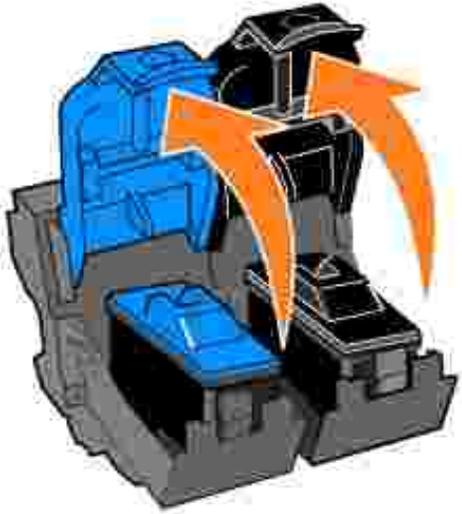
Dell recommends Dell ink cartridges for your printer. Dell does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Dell.

1. Turn on your printer.
2. Open the front cover.

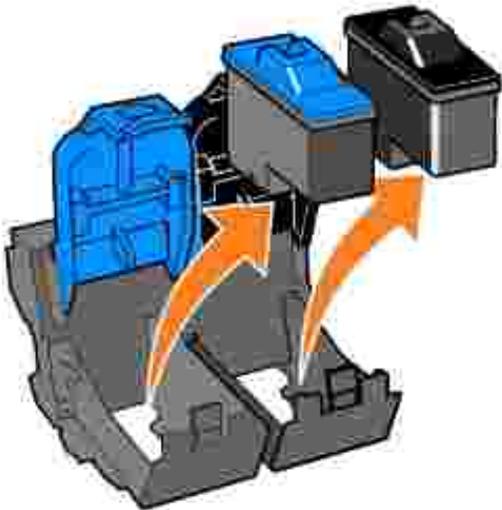


The ink cartridge carrier moves and stops at the loading position unless the printer is busy.

3. Press the tabs on the cartridge lids, then lift the lids.



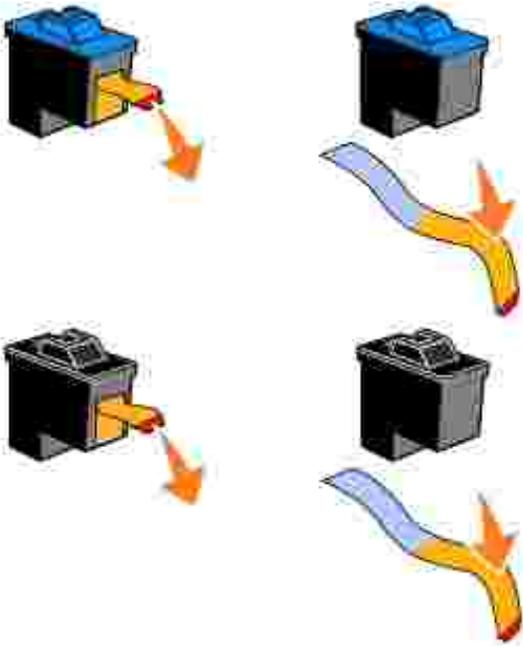
4. Remove the old ink cartridges.



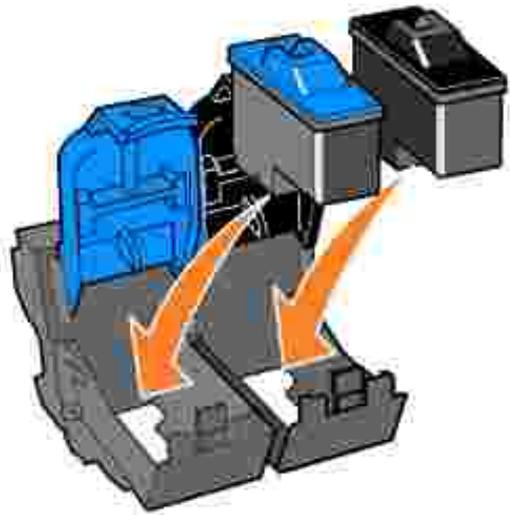
5. Store the cartridges in an air-tight container or dispose of them properly.

6. If you are installing new ink cartridges, remove the sticker and transparent tape from the back and bottom of each ink cartridge.

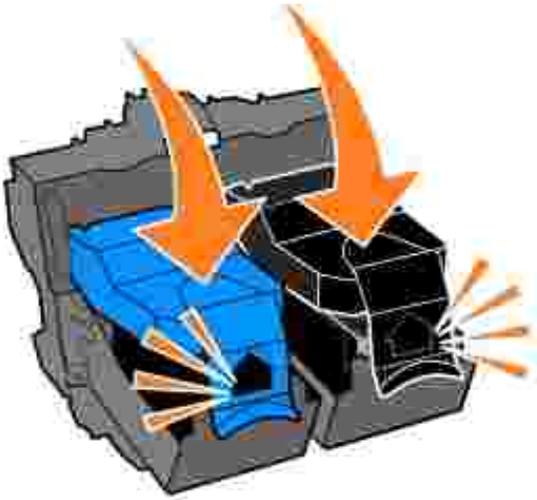
 **NOTE:** You can use your printer with one cartridge (color or black) at a time. To extend the life of your color cartridge and improve printing speed, install both a color cartridge and a black cartridge at the same time.



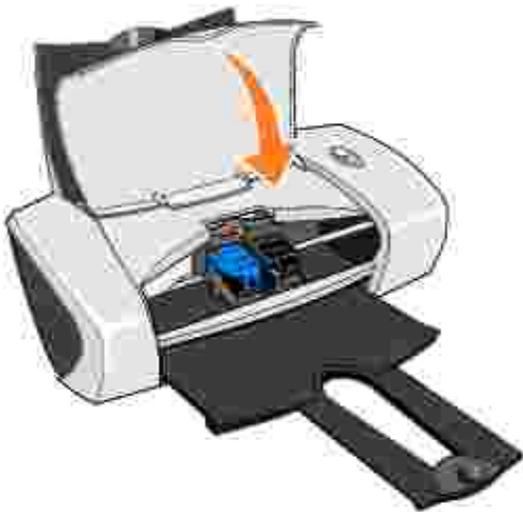
7. Insert the new ink cartridges. Make sure the color ink cartridge is secure in the left ink cartridge carrier and the black ink cartridge is secure in the right ink cartridge carrier.



8. Snap each lid closed.



9. Close the front cover. The front cover must be closed to start a print job.



10. Open the Dell Printer Solution Center by clicking Start→ Programs or All Programs→ Dell Printers→ Dell Photo Printer 720→ Dell Printer Solution Center.

11. Click the Maintenance tab.

12. Click Install a new print cartridge.

13. Click Next.

14. Select the type of cartridge you installed.

 **NOTE:** Specify whether the cartridge is a new cartridge or an old cartridge (one that has been used before). If an old cartridge is incorrectly identified as New Cartridge in the Dell Printer Solution Center, ink levels may be incorrect.

15. Click Next.
 16. If you installed a new cartridge, continue with [Aligning Ink Cartridges](#).
-

Aligning Ink Cartridges

Typically, you only align print cartridges after installing or replacing a cartridge. However, you may also need to align ink cartridges when characters are not properly formed or are not aligned at the left margin, or when vertical or straight lines appear wavy.

To align the ink cartridges:

1. Load plain paper. For more information, see [Loading Paper](#).
2. Click Start→ Programs or All Programs→ Dell Printers→ Dell Photo Printer 720→ Dell Printer Solution Center.
3. Click the Maintenance tab.
4. Click Align to fix blurry edges.
5. Click Print.

The alignment page prints.

6. Look at each row on the alignment page. Find the darkest arrow in each row, and then enter the number under the arrow in the fields on the screen.
7. When you have entered all the values, click OK.

The ink cartridges are aligned.

Cleaning the Ink Cartridge Nozzles

You may need to clean the nozzles when:

- White lines appear in graphics or solid black areas.
- Print appears smudged or too dark.
- Colors fade, do not print, or do not print completely.
- Vertical lines appear jagged or edges appear rough.

To clean the ink cartridge nozzles:

1. Load plain paper. For more information, see [Loading Paper](#).
2. Click Start→ Programs or All Programs→ Dell Printers→ Dell Photo Printer 720→ Dell Printer Solution Center.
3. Click the Maintenance tab.
4. Click Clean to fix horizontal streaks.
5. Click Print.

When the page prints, it forces ink through the clogged nozzles to clean them.

6. Print your document again to verify the improved print quality.
7. If you are not satisfied with the print quality, wipe the ink cartridge nozzles, and then print your document again.

Troubleshooting

- [Setup Problems](#)
 - [General Problems](#)
 - [Improving Print Quality](#)
-

Setup Problems

Computer Problems

Verify that your printer is compatible with your computer - The Dell Photo Printer 720 supports Windows 2000 and Windows XP.

Make sure you turned on both your printer and your computer

Check the USB cable -

- Ensure that the USB cable is firmly connected to your printer and your computer.
- Shut down the computer, reconnect the USB cable as shown on the setup diagram for your printer, and then restart the computer.

If the software installation screen does not appear automatically, install the software manually -

1. Insert the *Drivers and Utilities* CD.
2. In *Windows XP*, click Start→My Computer.

In *Windows 2000*, double-click My Computer from your desktop.

3. Double-click the CD-ROM drive icon. If necessary, double-click setup.exe.
4. When the printer software installation screen appears, click Install or Install Now.
5. Follow the instructions on your screen to complete the installation.

Determine if the printer software is installed - Click Start→ Programs or All Programs→Dell Printers→Dell Photo Printer 720. If the Dell Photo Printer 720 does not appear in the list of programs, the printer software is not installed. Install the printer software. For more information, see [Removing and Reinstalling Software](#).

Correct communication problems between the printer and the computer -

- Remove the USB cable from your printer and your computer. Reconnect the USB cable to your printer and your computer.
- Turn off the printer. Unplug the printer power cable from the electrical outlet. Reconnect the printer power cable into the electrical outlet and turn on the printer.
- Restart your computer.

Set your printer as the default printer -

Windows XP

1. Click Start→ Control Panel→ Printers and Other Hardware→ Printers and Faxes.
2. Right-click Dell Photo Printer 720 and select Set as Default.

Windows 2000

1. Click Start→ Settings→ Printers.
2. Right-click Dell Photo Printer 720 and select Set as Default.

Removing and Reinstalling Software

If your printer does not function properly or communication error messages appear when using your printer, you can remove and reinstall the printer software.

1. Click Start→Programs or All Programs→Dell Printers→Dell Photo Printer 720→Uninstall Dell Photo Printer 720.
2. Follow the instructions on the screen.
3. Restart your computer.
4. Insert the *Drivers and Utilities* CD, and then follow the instructions on the screen.

If the installation screen does not appear:

- a. In *Windows XP*, click Start→My Computer.

In *Windows 2000*, double-click My Computer from your desktop.

- b. Double-click the CD-ROM drive icon. If necessary, double-click setup.exe.
- c. When the printer software installation screen appears, click I nstall or I nstall Now.
- d. Follow the instructions on your screen to complete the installation.

Printer Problems

Ensure that the printer power cable is firmly connected to the printer and the electrical outlet

Determine if the printer has been held or paused -

Windows XP

1. Click Start→ Control Panel→ Printers and Other Hardware→ Printers and Faxes.
2. Double-click Dell Photo Printer 720, and then click Printer.
3. Make sure a check mark is not next to Pause Printing. If a check mark is next to Pause Printing, click it to deselect the option.

Windows 2000

1. Click Start→ Settings→ Printers.
2. Double-click Dell Photo Printer 720, and then click Printer.
3. Make sure a check mark is not next to Pause Printing. If a check mark is next to Pause Printing, click Pause Printing to deselect it.

Ensure you installed the ink cartridges correctly and removed the sticker and tape from each cartridge

Make sure you loaded the paper correctly - For more information, see [Loading Paper](#).

General Problems

Paper Problems

Make sure you loaded the paper correctly - For more information, see [Loading Paper](#).

Use only paper recommended for your printer - For more information, see [Print Media Guidelines](#).

Use a smaller amount of paper when printing multiple pages - For more information, see [Print Media Guidelines](#).

Make sure the paper is not wrinkled, torn or damaged

Make sure the paper is against the right side of the paper support and the paper guide rests against the left edge of the paper

Check for a paper jam

Using your printer and your computer

Follow the instructions on the screen for clearing the paper jam.

Using your printer only

1. Turn off your printer.
2. Firmly grasp the paper and gently pull it from the printer.

3. Turn on your printer and print the document again.
-

Improving Print Quality

If you are not satisfied with the print quality of your documents, there are several different ways to improve the print quality.

- Use the appropriate paper. For example, use Dell Premium Photo Paper if you are printing photos.
- Use paper that is a heavier weight, bright white, or coated. Use Dell Premium Photo Paper if you are printing photos.
- If no ink appears on your printed pages and your ink gauges are not empty, wait 20 minutes and try printing again.
- Select a higher print quality.

To select a higher print quality:

1. With your document open, click File→ Print.

The Print dialog box appears.

2. Click Preferences, Properties, or Options (depending on your program or operating system).
3. On the Quality/Copies tab, select Quality/Speed and select a higher quality setting.
4. Print your document again.
5. If the print quality does not improve, try aligning or cleaning the ink cartridges. For more information on aligning, see [Aligning Ink Cartridges](#). For more information on cleaning ink cartridges, see [Cleaning the Ink Cartridge Nozzles](#).

For additional solutions, check your Dell Printer Solution Center or go to support.dell.com.

To access the Dell Printer Solution Center:

1. Click Start→ Programs or All Programs→Dell Printers→ Dell Photo Printer 720→ Dell Printer Solution Center.
2. Click the Troubleshooting tab.

Printer Specifications

- [Overview](#)
 - [Environmental Specifications](#)
 - [Power Consumption And Requirements](#)
 - [Operating System Support](#)
 - [Memory Specifications and Requirements](#)
 - [Print Media Guidelines](#)
 - [Cables](#)
-

Overview

Memory	0.5MBit (ROM), 1MBit (DRAM)
Connectivity	USB
Duty cycle (maximum)	2,000 pages/month
Printer life	26,280 hours

Environmental Specifications

Temperature/Relative Humidity

Condition	Temperature	Relative humidity (non-condensing)
Operation	60° to 90° F	8 to 80%
Storage	34° to 140° F	10 to 90%
Shipping	-40° to 140° F	10 to 90%

Power Consumption And Requirements

Rated AC Input	110 V
Rated Frequency	60 Hz
Minimum AC input	90V AC
Maximum AC input	270V AC
Maximum input current	0.45A
Average power consumption	
Standby mode	1.45 W
Operational mode	7.86 W

Operating System Support

The Dell Photo Printer 720 supports:

Windows XP

Windows 2000

Memory Specifications and Requirements

Your operating system must meet the minimum system requirements.

Operating system	Processor speed (Mhz)	RAM (MB)	Hard disk (MB)
Windows XP	Pentium II 300	128	500
Windows 2000	Pentium II 233	128	500

Print Media Guidelines

Load up to:	Make sure:
100 sheets of plain paper	<ul style="list-style-type: none"> The paper is loaded vertically against the right side of the paper support. The paper guide rests against the left edge of the paper.



NOTE: Load letterhead paper with the top of the letterhead entering the printer first and facing up.

- You select Quick Print, Normal, Better, or Best print quality.

20 sheets of banner paper

- You remove any paper from the paper support before inserting banner paper.
- You place a stack of banner paper behind the printer, with only the number of sheets required.



NOTE: You must select A4 Banner or Letter Banner paper size in Printing Preferences. Failure to do so will cause a paper jam. See [Paper Problems](#).

- You load the leading edge of the banner paper into the printer against the right side of the paper support.
- You squeeze and slide the paper guide to the left edge of the banner paper.
- You use banner paper designed for inkjet printers.

10 envelopes

- The print side of the envelopes faces up.
- The envelopes are loaded vertically against the right side of the paper support.
- The stamp location is in the upper left corner.



- The paper guide rests against the left edge of the envelopes.
- You print the envelopes with Landscape orientation.

	<ul style="list-style-type: none"> You select the correct envelope size. Select the next biggest size if the exact envelope size is not listed, and set the left and right margins so that your envelope text will be correctly positioned. <p>NOTE: You can load a single envelope into the paper support without removing plain paper.</p>
25 greeting cards, index cards, postcards, or photo cards	<ul style="list-style-type: none"> The print side of the cards faces up. The cards are loaded vertically against the right side of the paper support. The paper guide rests against the left edge of the cards. You select Normal, Better, or Best print quality.
25 sheets of photo or glossy paper	<ul style="list-style-type: none"> The glossy or coated side of the paper faces up. The paper guide rests against the left edge of the paper. You select Normal, Better, or Best print quality. The paper is loaded vertically against the right side of the paper support.
1 iron-on transfer	<ul style="list-style-type: none"> You follow the loading instructions on the packaging. The blank side of the transfer faces up. The paper guide rests against the left edge of the transfer. You select Normal, Better, or Best print quality.
20 transparencies	<ul style="list-style-type: none"> The rough side of the transparencies faces up. The paper guide rests against the left edge of the transparencies. <p>NOTE: You can load a single transparency into the paper support without removing plain paper.</p> <ul style="list-style-type: none"> You select Normal, Better, or Best print quality. The transparencies are loaded vertically against the right side of the paper support.

Cables

Your Dell Photo Printer 720 uses a Universal Serial Bus (USB) cable (sold separately).



Regulatory Information

Regulatory Notices

Electromagnetic Interference (EMI) is any signal or emission, radiated in free space or conducted along power or signal leads, that endangers the functioning of a radio navigation or other safety service or seriously degrades, obstructs, or repeatedly interrupts a licensed radio communications service. Radio communications services include but are not limited to AM/FM commercial broadcast, television, cellular services, radar, air-traffic control, pager, and Personal Communication Services (PCS). These licensed services, along with unintentional radiators such as digital devices, contribute to the electromagnetic environment.

Electromagnetic Compatibility (EMC) is the ability of items of electronic equipment to function properly together in the electronic environment. While this device has been designed and determined to be compliant with regulatory agency limits for EMI, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference with radio communications services, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the device with respect to the receiver.
- Move the device away from the receiver.
- Plug the device into a different outlet so that the device and the receiver are on different branch circuits.

If necessary, consult a Dell Technical Support representative or an experienced radio/television technician for additional suggestions.

Dell™ devices are designed, tested, and classified for their intended electromagnetic environment.

Information Technology Equipment (ITE), including devices, expansion cards, printers, input/output (I/O) devices, monitors, and so on, that are integrated into or connected to the computer should match the electromagnetic environment classification of the computer.

A Notice About Shielded Signal Cables: Use only shielded cables for connecting devices to any Dell device to reduce the possibility of interference with radio communications services. Using shielded cables ensures that you maintain the appropriate EMC classification for the intended environment. For parallel printers, a cable is available from Dell. If you prefer, you can order a cable from Dell on the World Wide Web at accessories.us.dell.com/sna/category.asp?category_id=4117.

FCC Notices (U.S. Only)

Note that FCC regulations provide that changes or modifications not expressly approved by Dell could void your authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Class B

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with 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, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and 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/television technician for help.

FCC Identification Information

The following information is provided on the device or devices covered in this document in compliance with FCC regulations:

- Model number: 720
- Company name:

Dell Inc.
One Dell Way
Round Rock, Texas 78682 USA
512-338-4400

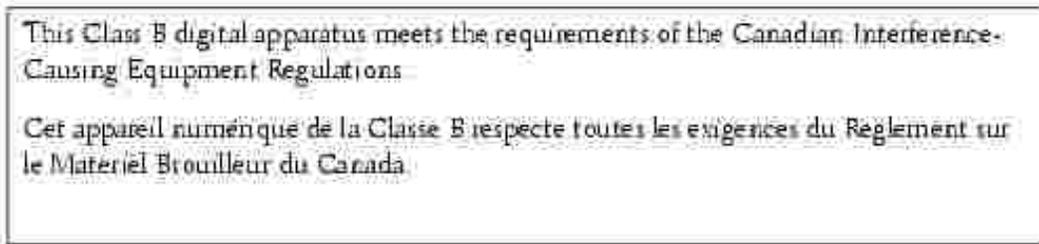
Fax Branding

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use an electronic

device, including fax machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent, identification of the business, other entity, or individual sending the message, and the telephone number of the sending machine or such business, other entity, or individual. The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.

IC Notice (Canada Only)

Note that Industry Canada regulations provide that changes or modifications not expressly approved by Dell could void your authority to operate this equipment.



CE Notice (European Union)

Marking by the symbol **CE** indicates compliance of this Dell device to the EMC Directive and the Low Voltage Directive of the European Union. Such marking is indicative that this Dell device meets the following technical standards:

- EN 55022 - "Information Technology Equipment - Radio Disturbance Characteristics - Limits and Methods of Measurement."
- EN 55024 - "Information Technology Equipment - Immunity Characteristics - Limits and Methods of Measurement."
- EN 61000-3-2 - "Electromagnetic Compatibility (EMC) - Part 3: Limits - Section 2: Limits for Harmonic Current Emissions (Equipment Input Current Up to and Including 16 A Per Phase)."
- EN 61000-3-3 - "Electromagnetic Compatibility (EMC) - Part 3: Limits - Section 3: Limitation of Voltage Fluctuations and Flicker in Low-Voltage Supply Systems for Equipment With Rated Current Up to and Including 16 A."
- EN 60950 - "Safety of Information Technology Equipment."

NOTE: EN 55022 emissions requirements provide for two classifications:

- Class A is for typical commercial areas.
- Class B is for typical domestic areas.

This Dell device is classified for use in a typical Class B domestic environment.

A "Declaration of Conformity" in accordance with the preceding directives and standards has been made and is on file at Dell Inc. Products Europe BV, Limerick, Ireland.

CE Mark Notice

This equipment complies with the essential requirements of the European Union Directive 1999/5/EC.

Cet équipement est conforme aux principales caractéristiques définies dans la Directive européenne R&TTE 1999/5/CE.

Die Geräte erfüllen die grundlegenden Anforderungen der R&TTE-Richtlinie (1999/5/EG).

Questa apparecchiatura è conforme ai requisiti essenziali della Direttiva Europea R&TTE 1999/5/CE.

Este equipo cumple los requisitos principales de la Directiva 1999/5/CE de la UE, "Equipos de Terminales de Radio y Telecomunicaciones".

Este equipamento cumpre os requisitos essenciais da Directiva 1999/5/CE do Parlamento Europeo e do Conselho (Directiva RTT).

Ο εξοπλισμός αυτός πληροί τις βασικές απαιτήσεις της κοινοτικής οδηγίας EU R&TTE 1999/5/ΕΚ.

Deze apparatuur voldoet aan de noodzakelijke vereisten van EU-richtlijn betreffende radioapparatuur en telecommunicatie-apparatuur 1999/5/EG.

Dette udstyr opfylder de væsentlige krav i EU's direktiv 1999/5/EC om Radio- og teleterminaludstyr.

Dette utstyr er i overensstemmelse med hovedkravene i R&TTE-direktivet (1999/5/EC) fra EU.

Utrustningen uppfyller kraven från EU-direktivet 1999/5/EG om ansluten teleutrustning och ömsesidigt erkännande av utrustningen i överensstämmelse (R&TTE).

Tämä laite vastaa EU:n radio- ja telepalvelusdirektiivin (EU R&TTE Directive 1999/5/EC) vaatimuksia.

EN 55022 Compliance (Czech Republic Only)

This device belongs to Class B devices as described in EN 55022, unless it is specifically stated that it is a Class A device on the specification label.

VCCI Notice (Japan Only)

Most Dell devices are classified by the Voluntary Control Council for Interference (VCCI) as Class B information technology equipment (ITE). However, the inclusion of certain options can change the rating of some configurations to Class A. ITE, including devices, expansion cards, printers, input/output (I/O) devices, monitors, and so on, integrated into or connected to the computer should match the electromagnetic environment classification (Class A or B) of the computer.

Class B ITE

この装置は、情報処理装置等電波障害自主規制協議会(VCCI)の基準に基づくクラスB情報技術装置です。この装置は家庭環境で使用することを目的としていますが、ラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをしてください。

This is a Class B product based on the standard of the Voluntary Control Council for Interference (VCCI) for information technology equipment. If this equipment is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

VCCI Class B ITE Regulatory Mark

If the regulatory label includes the following marking, your device is a Class B product:



MIC Notice (Republic of Korea Only)

To determine which classification (Class A or B) applies to your device (or other Dell digital device), examine the Republic of Korean Ministry of Information and Communications (MIC) registration labels located on your device. The MIC label may be located separately from the other regulatory marking applied to your product. Line two of the label identifies the emissions class for the product.

NOTE: MIC emissions requirements provide for two classifications:

- Class A devices are for business purposes.
- Class B devices are for nonbusiness purposes.

Class B Device

기종별	사용자안내문
B급 기기 (가정용 정보통신기기)	이 기기는 가정용으로 전자파 적합등록을 한 기기로서 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Please note that this device has been approved for nonbusiness purposes and may be used in any environment, including residential areas.

MIC Class B Regulatory Label

If the regulatory label includes the following marking, your device is a Class B product:



명칭/모델명: 노트북 컴퓨터

인증번호: Refer to Regulatory Label

인증받은자의 상호: 델 컴퓨터

제조년월일: Refer to Regulatory Label

제조자/제조국: Refer to Regulatory Label for Country of Origin

Polish Center for Testing and Certification Notice

The equipment should draw power from a socket with an attached protection circuit (a 3-prong socket). All equipment that works together (computer, monitor, printer, and so on) should have the same power supply source.

The phasing conductor of the room's electrical installation should have a reserve short-circuit protection device in the form of a fuse with a nominal value no larger than 16 amperes (A).

To completely switch off the equipment, the power supply cable must be removed from the power supply socket, which should be located near the equipment and easily accessible.

A protection mark "B" confirms that the equipment is in compliance with the protection usage requirements of standard PN-EN 55022.

Wymagania Polskiego Centrum Badań i Certyfikacji

Urządzenie powinno być zasilane z gniazda z przyłączonym obwodem ochronnym (gniazdo z kolkiem).

Współpracujące ze sobą urządzenia (komputer, monitor, drukarka) powinny być zasilane z tego samego źródła.

Instalacja elektryczna pomieszczenia powinna zawierać w przewodzie fazowym rezerwową ochronę przed zwarciem, w postaci bezpiecznika o wartości znamionowej nie większej niż 16A (amperów).

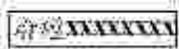
W celu całkowitego wyłączenia urządzenia z sieci zasilania, należy wyjąć wtyczkę kabla zasilającego z gniazda, które powinno znajdować się w pobliżu urządzenia i być łatwo dostępne. Znak bezpieczeństwa "B" potwierdza zgodność urządzenia z wymaganiami bezpieczeństwa użytkownika zawartymi w PN-EN 60950:2000 i PN-EN 55022:2000.

Jeżeli na tabliczce znamionowej umieszczono informacje, że urządzenie jest klasy A, to oznacza, że urządzenie w środowisku mieszkalnym może powodować zakłócenia radioelektryczne. W takich przypadkach można zadać o jego użytkownika zastosowania odpowiednich środków zaradczych.

Pozostałe instrukcje bezpieczeństwa

- Nie należy używać wtyczek adapterowych lub usuwać korka obwodu ochronnego z wtyczki. Jeżeli konieczne jest użycie przedłużacza to należy użyć przedłużacza 3-żyłowego z prawidłowo połączonym przewodem ochronnym.
- System komputerowy należy zabezpieczyć przed nagłym, chwilowym wzrostem lub spadkiem napięcia, używając eliminatora przepięć, urządzenia dopasowującego lub bezszeregowego źródła zasilania.
- Należy upewnić się, aby nie leżało na kablach systemu komputerowego, oraz aby kable nie były umieszczone w miejscu, gdzie można byłoby na nie nalepywać lub potykać się o nie.
- Nie należy rozlewać napojów ani innych płynów na system komputerowy.
- Nie należy wpychać żadnych przedmiotów do otworów systemu komputerowego, gdyż może to spowodować pożar lub porażenie prądem, poprzez zwarcie elementów wewnętrznych.
- System komputerowy powinien znajdować się z dala od grzejników i źródeł ciepła. Ponadto nie należy blokować otworów wentylacyjnych. Należy unikać kładzenia luźnych papierów pod komputer oraz umieszczania komputera w ciasnym miejscu bez możliwości cyrkulacji powietrza wokół niego.

BSMI Notice (Taiwan Only)

If you find a  or  mark on the regulatory label on the bottom, side, or back panel of your device, the following section is applicable:

BSMI 通告 (僅限於台灣)

大多數的 Dell 電腦系統經 BSMI (經濟部標準檢驗局) 劃分為乙類數位裝置。但是, 使用某些配件會使有些組件的等級變成甲類。若要確定您的電腦系統適用等級, 請檢查所有位於電腦底部或背面板、擴充卡安裝托架, 以及擴充卡上的 BSMI 註冊標籤。如果其中有一甲類標籤, 即表示您的系統為甲類數位裝置。如果只有 BSMI 的條碼或碼標籤, 則表示您的系統為乙類數位裝置。

一旦確定了系統的 BSMI 等級, 請閱讀相關的 BSMI 通告。請注意, BSMI 通告規定凡是未經 Dell Inc. 明確批准的擅自變更或修改, 將導致您失去此設備的使用權。

此裝置符合 BSMI (經濟部標準檢驗局) 的規定, 使用時須符合以下兩項條件:

- 此裝置不會產生有害干擾。
- 此裝置必須能接受所接收到的干擾, 包括可能導致無法正常作業的干擾。

甲類

此設備經測試證明符合 BSMI (經濟部標準檢驗局) 之甲類數位裝置的限制規定。這些限制的目的是為了在商業環境中使用此設備時, 能提供合理的保護以防止有害的干擾。此設備會產生、使用並散發射頻能量; 如果未遵照製造廠商的指導手冊來安裝和使用, 可能會干擾無線電通訊。請勿在住宅區使用此設備。

警告使用者:
這是甲類的資訊產品, 在居住的環境中使用時, 可能會造成射頻干擾。
在這種情況下, 使用者會被要求採取某些適當的對策。

乙類

此設備經測試證明符合 BSMI (經濟部標準檢驗局) 之乙類數位裝置的限制規定。這些限制的目的是為了在住宅區安裝時, 能防止有害的干擾, 提供合理的保護。此設備會產生、使用並散發射頻能量; 如果未遵照製造廠商的指導手冊來安裝和使用, 可能會干擾無線電通訊。但是, 這並不保證在個別的安装中不會產生干擾。您可以透過關閉和開啓此設備來判斷它是否會對廣播和電視接收造成干擾; 如果確實如此, 我們建議您嘗試以下列一種或多種方法來排除干擾:

- 重新調整天線的接收方向或重新設置接收天線。
- 增加設備與接收器的距離。
- 將設備連接到不同的插座, 使設備與接收器連接到不同的電路上。
- 請向經銷商或有經驗的無線電 / 電視技術人員查詢, 以獲得幫助。

NOM Information (Mexico Only)

The following information is provided on the device(s) described in this document in compliance with the requirements of the official Mexican standards (NOM):

Exporter:	Dell Inc. One Dell Way Round Rock, TX 78682
Importer:	Dell Computer de México, S.A. de C.V. Paseo de la Reforma 2620 - 11° Piso Col. Lomas Altas 11950 México, D.F.
Ship to:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.L. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Model number:	720
Supply voltage:	100-127V
Frequency:	50/60Hz
Current consumption:	1.0A
Output voltage:	30VDC
Output current:	0.4A

ENERGY STAR® Compliance

Certain configurations of Dell devices comply with the requirements set forth by the Environmental Protection Agency (EPA) for energy-efficient devices. If the front panel of your device bears the ENERGY STAR® Emblem, your original configuration complies with these requirements and all ENERGY STAR® power management features of the device are enabled.

NOTE: Any Dell device bearing the ENERGY STAR® Emblem is certified to comply with EPA ENERGY STAR® requirements as configured when shipped by Dell. Any changes you make to this configuration (such as installing additional expansion cards or drives) may increase the device's power consumption beyond the limits set by the EPA's ENERGY STAR® Computers program.

ENERGY STAR® Emblem



The EPA's ENERGY STAR® Computers program is a joint effort between the EPA and computer manufacturers to reduce air pollution by promoting energy-efficient products. The EPA estimates that use of ENERGY STAR® Computer products can save users up to two billion dollars annually in electricity costs. In turn, this reduction in electricity usage can reduce emissions of carbon dioxide, the gas primarily responsible for the greenhouse effect, and sulfur dioxide and nitrogen oxides, the primary causes of acid rain.

You can also help reduce electricity usage and its side effects by turning off your device when it is not in use for extended periods of time, particularly at night and on weekends.