

# Dell™ 2330d/2330dn Laser Printer User's Guide

To order ink or supplies from Dell:

1. Double-click the icon on your desktop.



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

[www.dell.com/supplies](http://www.dell.com/supplies)

For the best service, ensure that you have the Dell printer Service Tag available.

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## 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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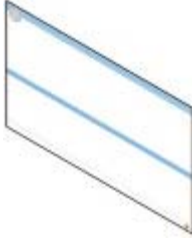



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Model 2330d-2330dn

June 2008 SRV HX750 Rev. A00

# Finding Information

## Finding Information About the Printer

What are you looking for?	Find it here
<p>How to set up my printer</p>	<p><i>Setting Up Your Printer</i> poster</p> 
<ul style="list-style-type: none"> <li>• How to print</li> <li>• How to care for and maintain my printer</li> <li>• How to contact Dell™</li> </ul> <p><b>NOTE:</b> The <i>Owner's Manual</i> may not be available in your country or region.</p>	<p><i>Owner's Manual</i></p> 
<ul style="list-style-type: none"> <li>• Safety information for preparing to operate my printer</li> <li>• Regulatory information</li> <li>• Warranty information</li> </ul>	<p><i>Product Information Guide</i></p> 
<ul style="list-style-type: none"> <li>• Supported paper type and sizes</li> <li>• How to select and store print media</li> <li>• How to load printable media into my printer</li> <li>• How to configure printer settings</li> <li>• How to set up and use printer software</li> <li>• How to care for and maintain my printer</li> <li>• How to troubleshoot and solve problems</li> </ul>	<p><i>User's Guide</i></p> 
<ul style="list-style-type: none"> <li>• Software and Drivers—Certified drivers for your printer and installers for Dell printer software</li> <li>• Readme files—Last minute technical changes, or advanced technical reference material for experienced users or technicians</li> </ul>	<p><i>Drivers and Utilities CD</i></p>



**NOTE:** If you purchased your Dell computer and printer at the same time, documentation and drivers for your printer are already installed on your computer.

#### Express Service Code and Number

- How to identify your printer when you use [support.dell.com](http://support.dell.com) or contact support
- How to find the Express Service Code to direct your call when contacting support

#### Express Service Code and Number

These labels are located on your printer.



The illustration below shows the location of the label on the printer.



For more information about their location, see [Understanding Printer Parts](#).

- Solutions—Troubleshooting hints and tips, frequently asked questions, documentation, driver downloads, and product upgrades
- Upgrades—Upgrade information for components such as memory, network cards, and optional equipment
- Customer Care—Contact information, service call and order status, warranty, and repair information

Dell Support Website—[support.dell.com](http://support.dell.com)

**NOTE:** Select your region or business segment to view the appropriate support site.

- Supplies for my printer
- Accessories for my printer
- Replacement toner and parts for my printer

Dell Printer Supplies Website—[www.dell.com/supplies](http://www.dell.com/supplies)

You can purchase printer supplies online, by phone, or in select retail stores.

# Printing

- [Printing Documents](#)
  - [Printing Using the Multipurpose Feeder](#)
  - [Printing a Two-Sided Document \(Duplex Printing\)](#)
  - [Printing Multiple Page Images on One Page \(N-Up Printing\)](#)
  - [Printing a Booklet](#)
  - [Printing on Envelopes](#)
  - [Printing on Letterhead](#)
  - [Printing a Poster](#)
  - [Printing on Transparencies](#)
  - [Canceling a Print Job](#)
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## Printing Documents

1. Turn on your computer and printer, and make sure they are connected.
2. Load the paper. For more information, see [Loading Paper](#).
3. With your document open, click **File@ Print**.

The **Print** dialog box opens.

4. Click **Preferences**, **Properties**, **Options**, or **Setup** (depending on the program or operating system).

The **Printing Preferences** dialog box opens.

5. On the **Print Setup** and **Advanced** tabs, make any necessary changes for your document.
6. After customizing your settings, click **OK**.

The **Printing Preferences** dialog box closes.

7. Click **OK** or **Print**.
- 

## Printing Using the Multipurpose Feeder

The multipurpose feeder is located at the front of your printer and can feed up to 50 sheets of print media at a time. For more information on how to configure the multipurpose feeder, see [Configuring the Multipurpose Feeder](#)

1. With your document open, click **File@ Print**.
2. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).

The **Printing Preferences** dialog box opens.

3. Click the **Paper** tab.
4. Select **MP Feeder** from the **Paper Tray** drop-down list.



**NOTE:** MP Feeder appears in the Paper Source when Cassette configuration is selected.

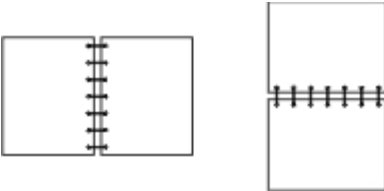
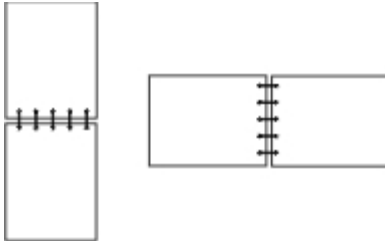
5. Select the appropriate paper type.
6. Make any necessary changes to your document.
7. Click **OK**.
8. Click **OK** on the Print window to send the job to print.

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## Printing a Two-Sided Document (Duplex Printing)

Printing on both sides of the paper reduces printing costs.

You can choose how you want your job duplexed: long edge or short edge.

Long Edge	Short Edge
Pages are bound along the long edge of the page (left edge for portrait, top edge for landscape).	Pages are bound along the short edge of the page (top edge for portrait, left edge for landscape).
	

1. With your document open, click **File® Print**.
2. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).  
The **Printing Preferences** dialog box opens.
3. Click the **Page Layout** tab.
4. Under **2-sided printing**, select **2-sided long edge** or **2-sided short edge** (depending on your printing needs).
5. Click **OK**.
6. Click **OK**.

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## Printing Multiple Page Images on One Page (N-Up Printing)

The Multipage Printing (N-up) setting is used to print multiple page images on a single page. For example, 2-up means two page images are printed on one page.

The printer uses the Multipage Order, Multipage View, and Multipage Border settings to determine the order and orientation of the page images, and whether a border is printed around each page image.

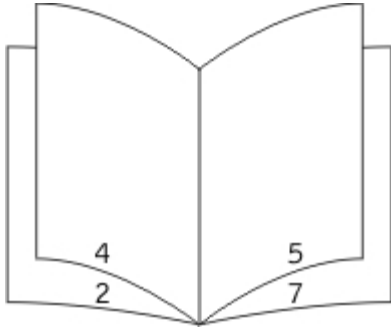
1. With your document open, click **File® Print**.
2. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).

The **Printing Preferences** dialog box opens.

3. In the **Multipage printing (N-up)** section, specify the number of pages you want printed on a sheet by typing a number or using the arrows in the combo box.
  4. Click **OK**.
  5. Click **OK** on the Print window to send the job to print.
- 

## Printing a Booklet

The **Booklet** setting lets you print multiple pages in booklet form without having to re-format your document so the pages print in the proper order. The pages print so the finished collated document may be folded along the center of each page to form a booklet.



If the document contains many pages, a booklet may have too many pages to fold easily. If you are printing a fairly large booklet, you might want to use the **Sheets per Bundle** option to specify how many physical pages are put into one bundle. The printer prints the necessary number of bundles, which you can then bind into one booklet. Printing in bundles helps the outside edge of the pages line up more evenly.

You must specify whether or not you want to print using any duplex printing options before you select to print using the booklet function. Once you choose **Print Using Booklet**, the controls for the duplex options become inactive and remain at the last setting used.

1. With your document open, click **File® Print**.
2. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).

The **Printing Preferences** dialog box opens.

3. Click **More Page Layout Options**.
  4. Click **Booklet**.
  5. Click **OK** twice.
  6. Click **OK** on the Print window to send the job to print.
- 

## Printing on Envelopes

1. Turn on your computer and printer, and ensure that they are connected.
2. With your document open, click **File® Print**.

The **Print** dialog box opens.

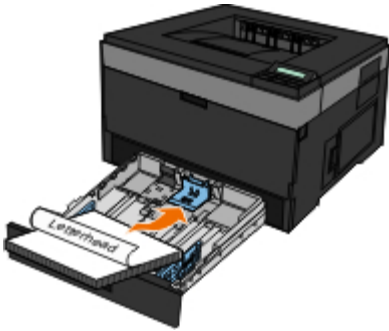
3. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).

The **Printing Preferences** dialog box opens.

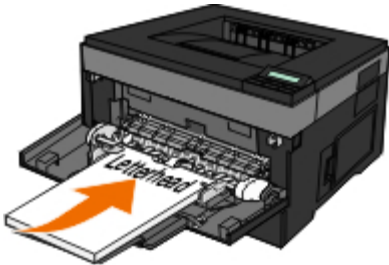
4. Click the **Paper** tab.
  5. Select **Envelope** from the **Paper Type** drop-down list.
  6. Make any necessary changes to your document.
  7. Click **OK**.
  8. Click **OK** on the Print window to send the job to print.
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## Printing on Letterhead

1. Ensure that the letterhead is properly loaded according to the paper source you are using:
  - **Tray 1 or 2**—Load the letterhead with the print side facing down. The top edge of the sheet with the logo should be placed at the front of the tray.



- **Multipurpose feeder**—Load the letterhead with the print side facing up and the top of the sheet entering the printer first.



2. With your document open, click **File® Print**.
3. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).

The **Printing Preferences** dialog box opens.

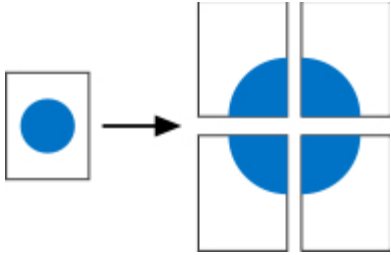
4. Click the **Paper** tab.
5. Select **Letterhead** from the **Paper Type** drop-down list.
6. Select the appropriate paper size and tray.
7. Click **OK**.
8. Click **OK** on the Print window to send the job to print.



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## Printing a Poster

The Poster setting lets you print a single image across several pages. Once printed, you can combine the pages to create one large image.




1. With your document open, click **File® Print**.
2. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).  
The **Printing Preferences** dialog box opens.
3. Click **More Page Layout Options**.
4. Click **Poster**.
5. Select the poster size you want by choosing the number of pages to use in the poster.
6. To print crop marks on the page, select **Print crop marks**.
7. Select the amount of overlap you want each page to have.
8. Click **OK** twice.
9. Click **OK** on the Print window to send the job to print.

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## Printing on Transparencies


1. Load transparencies.
2. With a document open, click **File ® Print**.
3. Click **Properties** (or **Options**, **Printer**, or **Setup**, depending on the application or operating system).  
The **Printing Preferences** dialog box appears.
4. Click the **Paper** tab.
5. Select **Transparency** from the **Paper Type** drop-down list.
6. Click **OK** twice.
7. Click **OK** on the Print window to send the job to print.

 **NOTE:** To prevent smudging, remove each transparency as it exits, and let it dry before stacking. Transparencies may require up to 15 minutes to dry.

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# Canceling a Print Job

## From the Printer Operator Panel

Press the **Cancel** button  twice to stop the current print job.

## From Your Computer

1. *In Windows Vista (default Start menu):*

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

*In Windows® XP (default Start menu):*

- a. Click **Start® Control Panel**.
- b. Double-click **Printers and Other Hardware**.
- c. Double-click **Printers and Faxes**.

*In Windows XP (Classic Start menu):* Click **Start® Settings® Printers and Faxes**.

*In Windows Vista (Classic Start menu) and all other Windows versions:* Click **Start® Settings® Printers**.

2. Double-click the printer you are using to print the job.

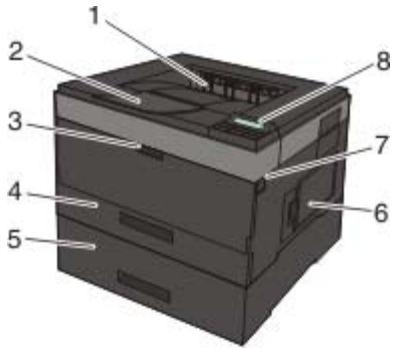
A list of print jobs appears.

3. Right-click the document you want to stop printing, and then click **Cancel**.

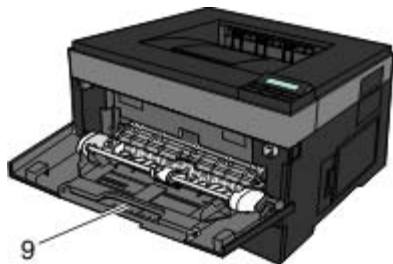
# About Your Printer

- [Understanding Printer Parts](#)
- [Understanding the Operator Panel](#)
- [Choosing the Right Cable](#)

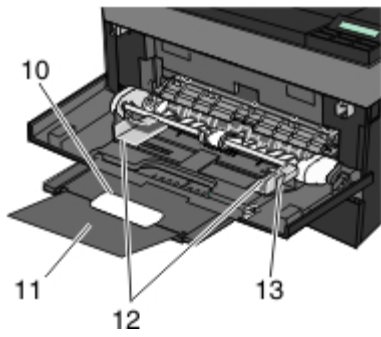
## Understanding Printer Parts



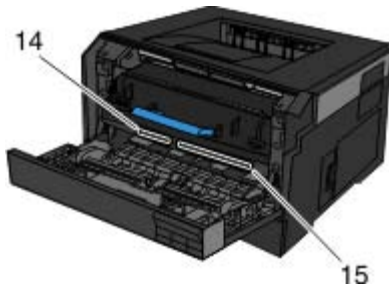
Part	Description
1 Front exit	Slot from where the paper exits the printer.
2 Output bin extender	Support for the paper as it exits the printer.
3 Multipurpose feeder cover	Door to gain access to the multipurpose feeder.
4 Standard tray (Tray 1)	Standard paper tray that can hold 250 sheets of paper.
5 Optional 550-sheet drawer (Tray 2)	Tray that can be purchased separately to increase the amount of blank paper that your printer can hold.
6 Memory access door	Door to access the printer memory.
7 Door release button	Button to open the front cover of the printer.
8 Operator panel	Panel on the printer to control print jobs.



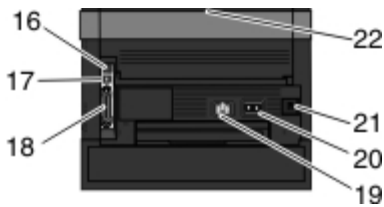
9 Multipurpose feeder	Tray to manually load various paper types such as envelopes.
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10	Multipurpose feeder tray	Support for the paper as it is loaded into the multipurpose feeder.
11	Extension tray	Additional support for print media other than paper, such as envelopes, to prevent bending or wrinkling.
12	Width guides	Guides for the print media loaded into the multipurpose feeder.
13	Width guide tab	Slide the tab to adjust the width guides.



	Part	Description
14	Express service code	A series of numbers that identify your printer when you use <a href="http://support.dell.com">support.dell.com</a> or contact technical support.  Enter the Express Service Code to direct your call when contacting technical support.  <b>NOTE:</b> The Express Service Code is not available in all countries.
15	Supplies reorder label	Information on where you can order toner cartridges or paper: visit <a href="http://www.dell.com/supplies">www.dell.com/supplies</a> .



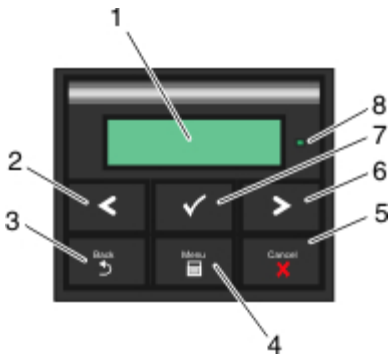
	Part	Description
16	USB port	Slot into which you plug the USB cable (sold separately). The other end of the USB cable plugs into your computer. Locally attaches printer to the computer.
17	Network port (2330dn only)	Slot into which you plug the Ethernet cable (sold separately). The other end of the Ethernet cable plugs into the network port. Attaches printer to the network.
18	Parallel port	Slot into which you plug the parallel cable (sold separately). The other end of the parallel cable plugs into your computer. Locally attaches printer to the computer.
19	Power cord connector	Connects the printer to the power outlet using the supplied country-specific power cord.
20	Power switch	Switch to turn the printer on or off.








21	Locking device	Security lock that provides physical security to your printer.
22	Rear exit	Door allows print jobs to exit the printer flat, such as those printed on transparencies or cardstock.

## Understanding the Operator Panel

The operator panel contains:

- Power indicator light
- Two-line LCD display
- Six buttons



	Use the	Icon	To
1	Display		View the number of copies to be printed as well as error codes.
2	Left arrow button		Scroll through menus, submenus, or settings on the display. Move to the previous or next option. Each press moves one item in the list or to a different setting for a menu item.
3	Back button		Return to the previous screen.
4	Menu button		Open the menu. Pressing the menu button while in the menu will return the user to the top level menu screen  <b>NOTE:</b> The menus are available only when the printer is in the <b>Ready</b> state.
5	Stop/Cancel button		Cancel a print job in progress. Exit a menu or submenu, and return to the default screen.
6	Right arrow button		Scroll through menus, submenus, or settings on the display. Move to the previous or next option. Each press moves one item in the list or to a different setting for a menu item.
7	Select button		Select a menu or submenu item that appears on the display. Submit a chosen value or setting for the printer.
8	Indicator light		Indicate the printer status: <ul style="list-style-type: none"> <li>• Green—The printer is warming up, processing data, or printing.</li> <li>• Yellow—Operator intervention needed.</li> </ul>

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# Choosing the Right Cable

Your printer interconnection cable must meet the following requirements:

Connection	Cable certification
USB	USB 2.0
Parallel	IEEE-1284
10/100/1000 Ethernet	CAT-5E

# Maintaining Your Printer

- [Ordering Supplies](#)
- [Storing Supplies](#)
- [Replacing Supplies](#)
- [Cleaning Your Printer](#)

 **CAUTION:** Before performing any of the procedures listed in this section, read and follow the safety information in your *User's Guide*.

Dell™ toner cartridges are available only through Dell. You can order more toner online at [www.dell.com/supplies](http://www.dell.com/supplies).

 **CAUTION:** It is recommended that Dell toner cartridges be used for your printer. Dell does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Dell.

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## Ordering Supplies

### Printer Attached to a Network

1. Type your printer IP address in your Web browser to launch the Dell Configuration Web Tool.
2. Click [www.dell.com/supplies](http://www.dell.com/supplies).

### Printer Attached Locally to a Computer

1. *In Windows Vista™ (default Start menu):*
  - a. Click  **Programs**.
  - b. Click **Dell Printers**.
  - c. Click **Dell 2330d/2330dn Laser Printer**.


*In Windows® XP and 2000,*

Click **Start® Programs** or **All Programs® Dell Printers® Dell 2330d/2330dn Laser Printer**.

2. Click **Dell Printer Supplies Reorder Application**.

The **Order Toner Cartridges** window opens.

3. Choose your printer model from the list.
4. Enter your Dell printer Service Tag number.

 **NOTE:** Your Service Tag number is located inside the front cover of your printer.

5. Click **Visit Dell's cartridge ordering website**.

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## Storing Supplies

### Storing Print Media

Use the following guidelines for proper print media storage. These help avoid paper feeding problems and uneven print quality.

- For best results, store print media in an environment where the temperature is approximately 21°C (70°F) and the relative humidity is 40%.
- Store cartons of print media on a pallet or shelf, rather than directly on the floor.
- If you store individual packages of print media out of the original carton, ensure that they rest on a flat surface so the edges do not buckle or curl.
- Do not place anything on top of the print media packages.

### Storing the Toner Cartridge

Store the toner cartridge in the original packaging until you are ready to install it.

Do not store the toner in:

- Temperatures greater than 40°C (104°F).
- An environment with extreme changes in humidity or temperature.
- Direct sunlight.
- Dusty places.
- A car for a long period of time.
- An environment where corrosive gases are present.
- An environment with salty air.

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## Replacing Supplies

### Replacing the Imaging Drum

You can determine approximately how full the imaging drum is by printing the printer settings configuration sheet. This helps you decide when you might need to order replacement supplies.

To ensure print quality and to avoid damage to the printer, the printer stops operating after the imaging drum has reached a maximum of 30,000 pages. The printer automatically notifies you before the imaging drum reaches this point.

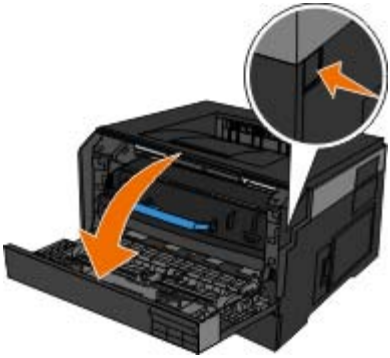
While the printer may continue to function properly after the imaging drum has reached its official end-of-life, print quality significantly decreases until the imaging drum stops operating at the maximum of 30,000 pages.

 **NOTICE:** When replacing the imaging drum, do not leave it exposed to direct light for an extended period of time.

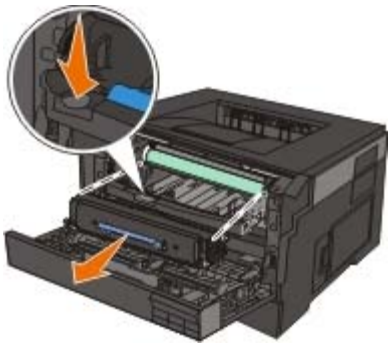


Extended light exposure can cause print quality problems.

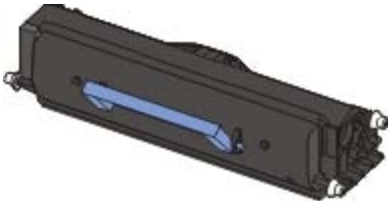
1. Turn the printer off.
2. Open the front cover by pressing the door release button on the right side of the printer and lowering the cover.



3. Pull the toner cartridge assembly up and out using the handle after pressing the button on the base of the imaging drum.



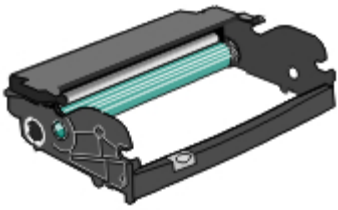
4. Place the toner cartridge assembly on a flat, clean surface.



5. Lift the base of the imaging drum, gently pull it up, and slide it out of the printer.

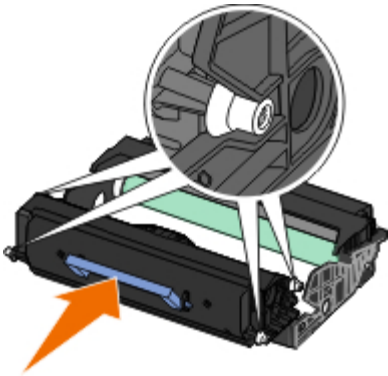


6. Unpack the new imaging drum kit.



➡ **NOTICE:** Do not leave the new imaging drum kit exposed to direct light for an extended period of time. Extended light exposure can cause print quality problems.

7. Install the toner cartridge assembly into the new imaging drum kit by aligning the white rollers on the toner cartridge with the white arrows on the tracks of the imaging drum kit and pushing the toner cartridge in as far as it will go. The cartridge *clicks* into place when correctly installed.



8. Install the imaging drum kit with the toner cartridge assembly into the printer by aligning the blue arrow guides of the imaging drum kit with the blue arrows found in the printer and pushing the imaging drum into the printer as far as it will go. The imaging drum kit *clicks* into place when correctly installed.



9. After you replace the imaging drum, you should reset the imaging drum's counter. To reset the counter, see the instruction sheet that shipped with the new imaging drum kit.

➡ **NOTICE:** Resetting the imaging drum's counter without replacing the imaging drum may damage your printer and void your warranty.

10. Close the front cover.

## Replacing the Toner Cartridge

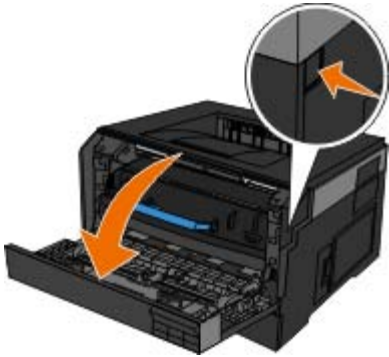
You can determine approximately how much toner is left in your cartridge by printing the printer settings configuration sheet. This helps you decide when you might need to order replacement supplies.

When the `Toner low` message appears, or when you experience faded print, remove the toner cartridge. Firmly shake it side-to-side and front-to-back several times to redistribute the toner, and then reinsert it and continue printing. Repeat this procedure multiple times until print remains faded. When the print remains faded, replace the toner cartridge.

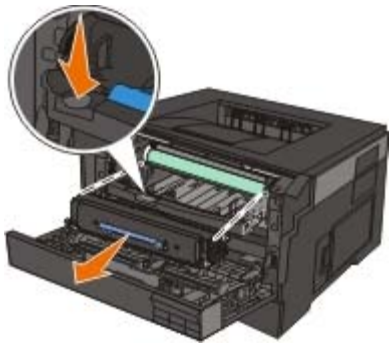
✍ **NOTE:** You can still print for a short time after the `Toner low` message appears, but print quality decreases as the toner level decreases.

**NOTICE:** When replacing a toner cartridge, do not leave the new cartridge exposed to direct light for an extended period of time. Extended light exposure can cause print quality problems.

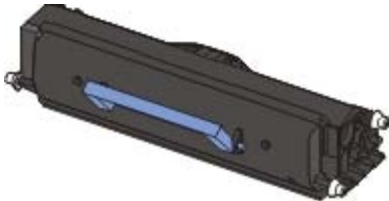
1. Turn the printer off.
2. Open the front cover by pressing the button on the right side of the printer and lowering the cover.



3. Press the button on the base of the imaging drum and pull the toner cartridge assembly up and out using the handle.

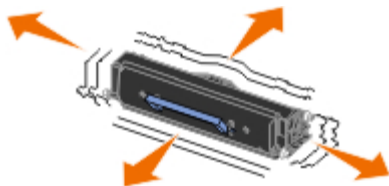


4. Unpack the new toner cartridge assembly.

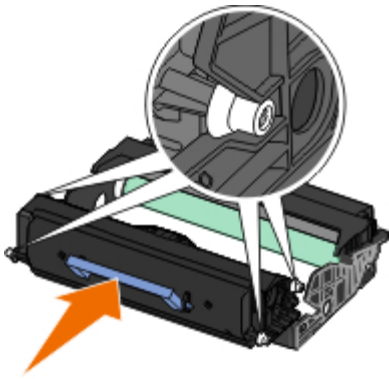


**NOTICE:** When replacing a toner cartridge assembly, do not leave the new cartridge exposed to direct light for an extended period of time. Extended light exposure can cause print quality problems.

5. Rotate the cartridge in all directions to distribute the toner.



6. Install the new toner cartridge assembly by aligning the white rollers on the toner cartridge with the arrows on the tracks of the imaging drum kit and pushing the toner cartridge in as far as it will go. The cartridge *clicks* into place when correctly installed.



7. Close the front cover.

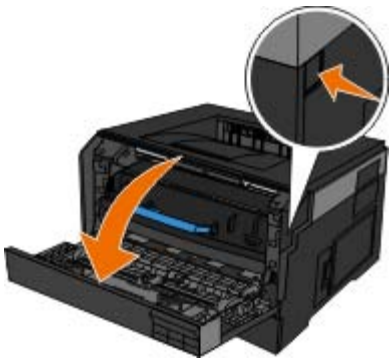
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## Cleaning Your Printer

### Cleaning the Printhead Lens

**⚠ CAUTION:** Using controls, making adjustments, or performing procedures other than those specified in your user documentation or in the instructions provided to you by Dell may result in exposure to hazardous radiation.

1. Turn the printer off and unplug the power cord from the wall outlet and disconnect all cables to the printer before proceeding.
2. Open the front cover by pressing the button on the right side of the printer and lowering the cover.



3. With the toner cartridge still attached, lift the base of the imaging drum kit and gently pull it up and out of the printer.

**📌 NOTE:** Do not press the button on the base of the imaging drum kit.

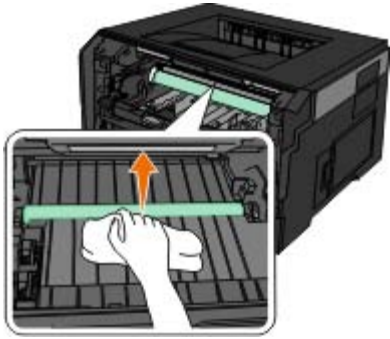


Place the imaging drum kit with the toner cartridge assembly on a flat, clean surface.

**➡ NOTICE:** Do not leave the imaging drum kit and toner cartridge assembly exposed to direct light for an extended period of time. Extended light exposure can cause print quality problems.

4. Locate the glass printhead lens, which is located within the recessed area in the top of the printer.
5. Gently wipe the printhead lens with a clean, dry, lint-free cloth.

➡ **NOTICE:** Not using a clean, dry, lint-free cloth may result in damage to the printhead lens.



6. Install the imaging drum kit with the toner cartridge by aligning the blue arrow guides of the imaging drum kit with the blue arrows found in the printer and pushing the imaging drum into the printer as far as it will go. The imaging drum kit *clicks* into place when correctly installed.



7. Close the front cover.
8. Turn the printer back on.

## Cleaning the Exterior of the Printer

1. Make sure that the printer is turned off and unplugged from the wall outlet.

⚠ **CAUTION:** To avoid the risk of electric shock, unplug the power cord from the wall outlet and disconnect all cables to the printer before proceeding.

2. Remove paper from the paper support and paper exit tray.
3. Dampen a clean, lint-free cloth with water.

➡ **NOTICE:** Do not use household cleaners or detergents, as they may damage the finish of the printer.

4. Wipe only the outside of the printer, making sure to remove any ink residue that has accumulated on the paper exit tray.

➡ **NOTICE:** Using a damp cloth to clean the interior may cause damage to your printer. Damage to the printer caused by not following the correct instructions for cleaning will not be covered under warranty.







5. Make sure the paper support and paper exit tray are dry before beginning a new print job.

# Operator Panel Menus

- [Menu List](#)
  - [Paper Menu](#)
  - [Reports](#)
  - [Network/Ports](#)
  - [Settings](#)
- 

## Menu List

<b>Main Menu</b>
Paper Menu
Reports
Network/Ports
Settings







1. From the menu list, use the **Arrow** buttons  to scroll the main menu.
  2. Press the **Select** button .
  3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
  4. Use the **Arrow** buttons  to scroll through the available menu items.
  5. When the setting you want appears on the display, press the **Select** button  to save the setting.
- 

## Paper Menu

Main Menu	Mode Main Menu	Mode Main Menu
Paper Menu	Default Source	Tray <x>* MP Feeder Manual Paper Manual Env
	Configure MP	Cassette* Manual <b>NOTE:</b> The Cassette setting configures the multipurpose feeder as an automatic paper source.

Substitute Size	Off Statement/A5 Letter/A4 All Listed*
Custom Types	Custom Type <x> (where x represents 1–6) Recycled
Size/Type	Tray <x>
	MP Feeder
	Manual Paper
	Manual Envelope
	Duplex
Paper Texture	Plain* Card Stock Transparency Labels Bond Letterhead Preprinted Colored Paper Envelope Rough Envelope Light Paper Heavy Paper Rough/Cotton Recycled Custom Type <x> (where x represents 1–6)
Paper Weight	Plain* Card Stock Transparency Labels Bond Letterhead Preprinted Colored Paper Envelope Rough Envelope Light Paper Heavy Paper

		Rough/Cotton Recycled Custom Type <x> (where x represents 1–6)
Paper Loading		Bond Letterhead Preprinted Colored Paper Light Paper Heavy Paper Rough/Cotton Recycled Custom Type <x> (where x represents 1–6)
Universal Setup		Units of Measure
		Portrait Width
		Portrait Height
		Feed Direction
<b>*Factory default setting</b>		

1. From the menu list, use the **Arrow** buttons  to scroll the Paper menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

## Paper Mode Main Menu

From this menu:	You can:
Default Source	<p>Set a default paper source for all print jobs.</p> <ul style="list-style-type: none"> <li>• Tray &lt;x&gt; *</li> <li>• MP Feeder</li> <li>• Manual Paper</li> <li>• Manual Env</li> </ul> <p><b>NOTE:</b> The items on the default source varies depending on the device type and the attachments and/or supplies installed on it. Size and Type settings are configured for each of the listed Default Source option under Tray Configuration.</p>
Configure MP	<p>Determine when the printer selects paper from the multipurpose feeder and the mode of operation of the multipurpose feeder.</p> <ul style="list-style-type: none"> <li>• Cassette*—Treats the multipurpose feeder like any other tray. If a print job requests a size or type that is only loaded in the multipurpose feeder, the printer pulls print media from the multipurpose feeder for the job.</li> </ul>



	<ul style="list-style-type: none"> <li>Manual—Treats the multipurpose feeder like a manual feed tray. Load Manual appears when a single sheet of print media needs to be inserted into the multipurpose feeder.</li> </ul> <p><b>NOTE:</b> The Cassette setting configures the multipurpose feeder as an automatic paper source.</p>
Substitute Size	<p>Substitute a specified paper size if the requested paper size is not available.</p> <ul style="list-style-type: none"> <li>Off</li> <li>Statement/A5</li> <li>Letter/A4</li> <li>All Listed*</li> </ul>
Custom Types	<p>Specify the type of print media associated with each Custom Type available in the Paper Type menu.</p> <ul style="list-style-type: none"> <li>Custom Type &lt;x&gt; (where x represents 1–6)</li> <li>Recycled</li> </ul>
<b>*Factory default setting</b>	

## Size/Type

From this menu:	You can:
Tray <x> Size	<p>Identify the default size for each source.</p> <ul style="list-style-type: none"> <li>A4* (non-US)</li> <li>A5</li> <li>A6</li> <li>JIS B5</li> <li>Letter* (US)</li> <li>Legal</li> <li>Executive</li> <li>Folio</li> <li>Statement</li> <li>Universal</li> </ul> <p><b>NOTE:</b> For more information, see <a href="#">Universal Setup</a>.</p>
Tray <x> Type	<p>Identify the type of print media loaded in each source.</p> <ul style="list-style-type: none"> <li>Plain*</li> <li>Card Stock</li> <li>Transparency</li> <li>Labels</li> <li>Bond</li> <li>Letterhead</li> <li>Preprinted</li> <li>Colored Paper</li> <li>Light Paper</li> <li>Heavy Paper</li> <li>Rough/Cotton</li> <li>Recycled</li> <li>Custom Type &lt;x&gt; (where x represents 1–6)</li> </ul>
MP Feeder Size	<p>Identify the size of print media loaded in the multipurpose feeder.</p> <ul style="list-style-type: none"> <li>A4* (non-US)</li> <li>A5</li> <li>A6</li> <li>JIS B5</li> <li>Letter* (US)</li> <li>Legal</li> </ul>

- Executive
- Folio
- Statement
- Universal

**NOTE:** For more information, see [Universal Setup](#).

- 7 3/4 Envelope
- 9 Envelope
- 10 Envelope
- B5 Envelope
- C5 Envelope
- DL Envelope
- Other Envelope

MP Feeder Type

Identify the type of print media loaded in the multipurpose feeder.

- Plain
- Card Stock
- Transparency
- Recycled
- Labels
- Bond
- Letterhead
- Preprinted
- Colored Paper
- Envelope
- Rough Envelope
- Light Paper
- Heavy Paper
- Rough/Cotton
- Custom Type <x> (where x represents 1–6)

**NOTE:** Custom Type 6 is the default paper type.

Manual Paper Size

Identify the size of print media loaded manually in the multipurpose feeder.

- A4\* (non-US)
- A5
- A6
- JIS B5
- Letter\* (US)
- Legal
- Executive
- Folio
- Statement
- Universal

**NOTE:** For more information, see [Universal Setup](#).

Manual Paper Type

Identify the type of print media loaded manually in the multipurpose feeder.

- Plain\*
- Card Stock
- Transparency
- Recycled
- Labels
- Bond
- Letterhead
- Preprinted
- Colored Paper
- Light Paper
- Heavy Paper
- Rough/Cotton

	<ul style="list-style-type: none"> <li>• Custom Type &lt;x&gt; (where x represents 1–6)</li> </ul>
Duplex Size	<p>Identify the size of print media loaded for integrated duplex printing.</p> <ul style="list-style-type: none"> <li>• A4*</li> <li>• Folio</li> </ul>
Duplex Type	<p>Identify the type of print media loaded for integrated duplex printing.</p> <ul style="list-style-type: none"> <li>• Plain*</li> <li>• Recycled</li> <li>• Bond</li> <li>• Letterhead</li> <li>• Preprinted</li> <li>• Colored Paper</li> <li>• Light Paper</li> <li>• Heavy Paper</li> <li>• Rough/Cotton</li> <li>• Custom Type &lt;x&gt; (where x represents 1–6)</li> </ul>
Manual Envelope Size	<p>Identify the envelope size being manually loaded.</p> <ul style="list-style-type: none"> <li>• 7 3/4 Envelope</li> <li>• 9 Envelope</li> <li>• 10 Envelope* (US)</li> <li>• B5 Envelope</li> <li>• C5 Envelope</li> <li>• DL Envelope* (non-US)</li> <li>• Other Envelope</li> </ul>
Manual Envelope Type	<p>Identify the envelope type being manually loaded.</p> <ul style="list-style-type: none"> <li>• Envelope*</li> <li>• Rough Envelope</li> <li>• Custom Type &lt;x&gt; (where x represents 1–6)</li> </ul>
<b>*Factory default setting</b>	

## Paper Texture

From this menu:	You can:
Plain Card Stock Transparency Labels Bond Letterhead Preprinted Colored Paper Envelope Rough Envelope Light Paper Heavy Paper	<p>Specify the relative texture of the print media loaded in a specific tray.</p> <ul style="list-style-type: none"> <li>• Normal*</li> <li>• Rough</li> <li>• Smooth</li> </ul>

Rough/Cotton	
Recycled	
Custom Type <x> (where x represents 1–6)	
<b>*Factory default setting</b>	

## Paper Weight

From this menu:	You can:
Plain Card Stock Transparency Labels Bond Letterhead Preprinted Colored Paper Envelope Rough Envelope Light Paper Heavy Paper Rough/Cotton Recycled Custom Type <x> (where x represents 1–6)	Identify the relative weight of the print media loaded in a specific tray and ensures that the toner adheres properly to the printed page. <ul style="list-style-type: none"> <li>• Light</li> <li>• Heavy</li> <li>• Normal*</li> </ul>
<b>*Factory default setting</b>	

## Paper Loading







From this menu:	You can:
Bond Letterhead Preprinted Colored Paper Light Paper Heavy Paper Rough/Cotton Recycled Custom Type <x> (where x represents 1–6)	Determine whether 2-sided printing occurs for all jobs specifying a print media type. <ul style="list-style-type: none"> <li>• Duplex</li> <li>• Off*</li> </ul>
<b>*Factory default setting</b>	

## Universal Setup

<b>From this menu:</b>	<b>You can:</b>
Units of Measure	Specify the height, width, and feed direction of the Universal Paper Size. <ul style="list-style-type: none"> <li>• Inches* (US)</li> <li>• Millimeters* (non-US)</li> </ul>
Portrait Width	Set the portrait width of the universal media. <ul style="list-style-type: none"> <li>• 3–48 inches</li> <li>• 76–1219 mm</li> </ul> <p><b>NOTE:</b> If the width exceeds the maximum, the printer uses the maximum width allowed.</p> <p><b>NOTE:</b> 12 inches is the US factory default setting. Inches can be increased in 0.01-inch increments.</p> <p><b>NOTE:</b> 305 mm is the international factory default setting. Millimeters can be increased in 1-mm increments.</p>
Portrait Height	Set the portrait height of the universal media. <ul style="list-style-type: none"> <li>• 3–48 inches</li> <li>• 76–1219 mm</li> </ul> <p><b>NOTE:</b> If the height exceeds the maximum, the printer uses the maximum height allowed.</p> <p><b>NOTE:</b> 19 inches is the US factory default setting. Inches can be increased in 0.01-inch increments.</p> <p><b>NOTE:</b> 483 mm is the international factory default setting. Millimeters can be increased in 1-mm increments.</p>
Feed Direction	Specify the feed direction of the Universal Paper Size. <ul style="list-style-type: none"> <li>• Short Edge*</li> <li>• Long Edge</li> </ul> <p><b>NOTE:</b> Feed Direction only appears if the longest edge of the media is shorter than the Maximum Physical Width of the printer.</p>
<b>*Factory default setting</b>	

## Reports

Mode	Mode Main Menu
Reports	Menu Settings Page
	Device Statistics
	Network Setup Page
	Profiles List
	Print Fonts
	Print Directory

1. From the menu list, use the **Arrow** buttons  to scroll the Reports menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

From this menu:	You can:
Menu Settings Page	Display information relating to: <ul style="list-style-type: none"> <li>• Current settings for each of the menu items for all menus</li> <li>• Cartridge information</li> <li>• List of installed options and features</li> </ul>
Device Statistics	View information relating to: <ul style="list-style-type: none"> <li>• Job Information</li> <li>• Supply Information</li> <li>• Printer</li> <li>• USB Direct</li> </ul> <p><b>NOTE:</b> The details presented on this page vary for every device type.</p>
Network Setup Page	List important print server information (e.g., hardware addresses, firmware revision level, protocol settings, etc.).  The page displays specific details about the devices: <ul style="list-style-type: none"> <li>• Standard Network Card</li> <li>• Integrated Network Option Settings</li> <li>• TCP/IP</li> <li>• IPv6</li> </ul> <p><b>NOTE:</b> The <b>Compi:</b> field that appears on this screen always displays in English, regardless of the value of the device's Display.</p>
Profiles List	View profiles stored in the printer.
Print Fonts	Print a sample of all the fonts available for the printer language currently set in the printer. <ul style="list-style-type: none"> <li>• PCL Fonts</li> <li>• PostScript Fonts</li> </ul>
Print Directory	View a list of resources that are stored in the user area of the flash and disk options.  <p><b>NOTE:</b> The Print Directory Page appears only when a non-defective flash option or a non-defective disk option is installed and formatted.</p>
Asset Report	Manage the printer's asset information (e.g., serial number, model name, etc.).

## Network/Ports







Mode	Mode Main Menu
Network/Port	Network
	USB
	Parallel

### Network Mode

Main Menu	Mode Main Menu
Network	PCL SmartSwitch
	PS SmartSwitch
	NPA Mode
	Network Buffer
	MAC Binary PS
	Standard Network Setup

Each Network sub-menu only appears if the device has a standard network card or if additional network card have been installed.

Use the Network menu to change printer settings on jobs sent through a network port (either Standard Network or Network Opt <x>).

1. From the menu list, use the **Arrow** buttons  to scroll the Network menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

### Network Mode Main Menu







From this menu:	You can:
PCL SmartSwitch	Set the printer to automatically switch to PCL emulation when a print job requires it, regardless of the default printer language. <ul style="list-style-type: none"> <li>• On*</li> <li>• Off</li> </ul>
PS SmartSwitch	Set the printer to automatically switch to PostScript emulation when a print job requires it, regardless of the default printer language. <ul style="list-style-type: none"> <li>• On*</li> <li>• Off</li> </ul>
NPA Mode	Send print jobs to the printer and query printer status information simultaneously. <ul style="list-style-type: none"> <li>• On</li> <li>• Off</li> </ul>

	<ul style="list-style-type: none"> <li>• Auto*</li> </ul>
Network Buffer	Assign a size to the network input buffer. <ul style="list-style-type: none"> <li>• Auto*</li> <li>• Disabled</li> <li>• 3K to &lt;maximum size allowed&gt; (in 1K increments).</li> </ul>
MAC Binary PS	Configure the printer to process Macintosh binary PostScript emulation print jobs. <ul style="list-style-type: none"> <li>• Off</li> <li>• On</li> <li>• Auto*</li> </ul>
Standard Network Setup	Define basic printer network settings. <ul style="list-style-type: none"> <li>• On*</li> <li>• Off</li> </ul>
* Factory default setting	

## USB Mode

Mode	Mode Main Menu
USB	PCL SmartSwitch
	PS SmartSwitch
	NPA Mode
	USB Buffer
	MAC Binary PS
	USB With ENA
	<b>NOTE:</b> Applicable only to Dell 3300 Wireless Print Adapter (Sold separately).
	IPX Frame

Use the USB menu to change printer settings on jobs sent through a USB port.

1. From the menu list, use the **Arrow** buttons  to scroll the USB menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

## USB Mode Main Menu

From this menu:	You can:
PCL SmartSwitch	Set the printer to automatically switch to PCL emulation when a print job requires it, regardless of the default printer language.









	<ul style="list-style-type: none"> <li>On*</li> <li>Off</li> </ul>
PS SmartSwitch	<p>Set the printer to automatically switch to PostScript emulation when a print job requires it, regardless of the default printer language.</p> <ul style="list-style-type: none"> <li>On*</li> <li>Off</li> </ul>
NPA Mode	<p>Send print jobs to the printer and query printer status information at the same time.</p> <ul style="list-style-type: none"> <li>Off</li> <li>On</li> <li>Auto*</li> </ul>
USB Buffer	<p>Assign a size to the USB input buffer.</p> <ul style="list-style-type: none"> <li>Auto*</li> <li>Disabled</li> <li>3K to &lt;maximum size allowed&gt; (in 1K increments).</li> </ul>
MAC Binary PS	<p>Configure the printer to process Macintosh binary PostScript emulation print jobs.</p> <ul style="list-style-type: none"> <li>Off</li> <li>On</li> <li>Auto*</li> </ul>
USB With ENA	<ul style="list-style-type: none"> <li>ENA Address—Set the USB port ENA address</li> <li>ENA Netmask—Set the USB port ENA Netmask</li> <li>ENA Gateway—Set the USB port ENA Gateway</li> </ul> <p><b>NOTE:</b> 4-field IP address (0.0.0.0*)</p> <p><b>NOTE:</b> The settings are shown when an ENA is attached.</p> <p><b>NOTE:</b> This is applicable only to Dell 3300 Wireless Print Adapter (Sold separately).</p>
IPX Frame <ul style="list-style-type: none"> <li>Ethernet 802.2</li> <li>Ethernet 802.3</li> <li>Ethernet Type II</li> <li>Ethernet SNAP</li> </ul>	<p>Allow the adapter to initiate conversations by setting the Ethernet value.</p> <ul style="list-style-type: none"> <li>Off</li> <li>On*</li> </ul>
* Factory default setting	

## Parallel Mode

Mode	Mode Main Menu
Parallel	PCL SmartSwitch
	PS SmartSwitch
	NPA Mode
	Parallel Buffer

Advanced Status
Protocol
Honor Init
Parallel Mode 2
MAC Binary PS
Parallel With ENA

Use the Parallel menu to change printer settings on jobs sent through a parallel port.

1. From the menu list, use the **Arrow** buttons  to scroll the Parallel menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

### Parallel Mode Main Menu

From this menu:	You can:
PCL SmartSwitch	Set the printer to automatically switch to PCL emulation when a print job requires it, regardless of the default printer language. <ul style="list-style-type: none"> <li>• On*</li> <li>• Off</li> </ul>
PS SmartSwitch	Set the printer to automatically switch to PS emulation when a print job requires it, regardless of the default printer language. <ul style="list-style-type: none"> <li>• On*</li> <li>• Off</li> </ul>
NPA Mode	Send print jobs to the printer and query printer status information at the same time. <ul style="list-style-type: none"> <li>• Off</li> <li>• On</li> <li>• Auto*</li> </ul>
Parallel Buffer	Assign a size to the parallel input buffer. <ul style="list-style-type: none"> <li>• Auto*</li> <li>• Disabled</li> <li>• 3K to &lt;maximum size allowed&gt; (in 1K increments).</li> </ul>
Advanced Status	Enable bidirectional communication through the parallel port. <ul style="list-style-type: none"> <li>• On*</li> <li>• Off</li> </ul>
Protocol	Specify the parallel interface protocol.  Receive information at a much higher transmission rate if the printer is set to Fastbytes (if computer supports Fastbytes), or receive information at a normal transmission rate if the printer is set to Standard.

	<ul style="list-style-type: none"> <li>• Standard</li> <li>• Fastbytes*</li> </ul>
Honor Init	<p>Determine whether the printer honors hardware initialization requests from the computer. The computer requests initialization by activating the INIT signal on the parallel interface.</p> <p>Many personal computers activate the INIT signal each time the computer is turned on and off.</p> <ul style="list-style-type: none"> <li>• On</li> <li>• Off*</li> </ul>
Parallel Mode 2	<p>Determine whether the parallel port data is sampled on the leading (on) or trailing (off) edge of the strobe.</p> <ul style="list-style-type: none"> <li>• Off</li> <li>• On*</li> </ul> <p><b>NOTE:</b> This menu appears only if supported by the parallel port.</p>
MAC Binary PS	<p>Configure the printer to process Macintosh binary PostScript emulation print jobs.</p> <ul style="list-style-type: none"> <li>• Off</li> <li>• On</li> <li>• Auto*</li> </ul>
Parallel With ENA <ul style="list-style-type: none"> <li>• ENA Address</li> <li>• ENA Netmask</li> <li>• ENA Gateway</li> </ul>	<p>Configure the parallel port ENA address, Netmask, and Gateway settings.</p> <p>4 field IP address (0.0.0.0*)</p> <p><b>NOTE:</b> These settings are shown only when ENA is attached through the parallel port.</p>
* Factory default setting	







## Settings

Mode	Mode Main Menu
Settings	General Settings
	Setup Menu
	Finishing Menu
	Quality Menu
	Utilities Menu
	PostScript Menu
	PCL Emul Menu

### General Settings Mode

Main Menu	Mode Main Menu
General Settings	Display Language

Run Initial Setup
Alarms
Timeouts
Print Recovery
Factory Defaults

1. From the menu list, use the **Arrow** buttons  to scroll to the General Settings menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.







### General Settings Mode Main Menu

From this menu:	You can:
Display Language	<p>Set the language of the text appearing on the display.</p> <ul style="list-style-type: none"> <li>• English*</li> <li>• Arabic</li> <li>• Brazilian Portuguese</li> <li>• Czech</li> <li>• Danish</li> <li>• Dutch</li> <li>• Finnish</li> <li>• French</li> <li>• German</li> <li>• Greek</li> <li>• Hebrew</li> <li>• Iberian Portuguese</li> <li>• Italian</li> <li>• Japanese (Kanji)</li> <li>• Norwegian</li> <li>• Polish</li> <li>• Russian</li> <li>• Simplified Chinese</li> <li>• Spanish</li> <li>• Swedish</li> <li>• Turkish</li> </ul>
Run Initial Setup	<p>Launch a setup wizard when the printer is powered on.</p> <ul style="list-style-type: none"> <li>• Yes*</li> <li>• No</li> </ul>
Alarms	<p>Set an alarm to sound when the printer requires operator intervention.</p> <p><b>Alarm control</b></p> <ul style="list-style-type: none"> <li>• Off</li> <li>• Single*</li> <li>• Continuous</li> </ul>

	<p><b>Toner Alarm</b></p> <ul style="list-style-type: none"> <li>• Off*</li> <li>• Single</li> <li>• Continuous</li> </ul>
Timeouts	<p>Specify the number of minutes of inactivity before the system enters a lower power state.</p> <p><b>Power Saver Mode</b></p> <ul style="list-style-type: none"> <li>• Disabled</li> <li>• 1–240 minutes</li> <li>• 60 minutes*</li> </ul> <p><b>Screen Timeout</b></p> <ul style="list-style-type: none"> <li>• 15*–300 seconds</li> </ul> <p><b>Print Timeout</b></p> <ul style="list-style-type: none"> <li>• Disabled</li> <li>• 1–255 seconds</li> <li>• 90 seconds*</li> </ul> <p><b>Wait Timeout</b></p> <ul style="list-style-type: none"> <li>• Disabled</li> <li>• 15–65535 seconds</li> <li>• 40 seconds*</li> </ul> <p><b>Network Job Timeout</b></p> <ul style="list-style-type: none"> <li>• Disabled</li> <li>• 10–255 seconds</li> <li>• 90 seconds*</li> </ul>
Print Recovery	<p>Specify whether the printer continues from certain offline situations, reprints jammed pages, or waits until the entire page is processed and ready to be printed.</p> <p><b>Auto Continue</b></p> <ul style="list-style-type: none"> <li>• Disabled*</li> <li>• 5–255 seconds</li> </ul> <p><b>Jam Recovery</b></p> <ul style="list-style-type: none"> <li>• On</li> <li>• Off</li> <li>• Auto*</li> </ul> <p><b>Page Protect</b></p> <ul style="list-style-type: none"> <li>• On</li> <li>• Off*</li> </ul>
Factory Defaults	<p>Reset and restore appropriate settings to their factory default values.</p> <ul style="list-style-type: none"> <li>• Do Not Restore*</li> <li>• Restore</li> </ul>
<p><b>*Factory default setting</b></p>	

## Setup Mode

Main Menu	Mode Main Menu
Setup	Printer Language
	Print Area
	Download Target
	Resource Save

1. From the menu list, use the **Arrow** buttons  to scroll to the Setup menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

Use the Setup menu to configure how the printer formats the end of a line depending on the computer system being used.







## Setup Mode Main Menu

From this menu:	You can:
Printer Language	Define the default printer language used to communicate data from the computer to the printer. <ul style="list-style-type: none"> <li>• PS Emulation</li> <li>• PCL Emulation*</li> </ul>
Print Area	Modify the logical and physical printable area. <ul style="list-style-type: none"> <li>• Normal*</li> <li>• Whole Page</li> </ul>
Download Target	Specify the storage location for downloaded resources. <ul style="list-style-type: none"> <li>• RAM*</li> <li>• Flash</li> </ul> <p><b>NOTE:</b> Download Target appears only if flash option is installed.</p>
Resource Save	Specify whether all permanent downloaded resources, such as fonts and macros stored in RAM, are saved if the printer receives a job that requires more memory than is available. <ul style="list-style-type: none"> <li>• Off*—The printer retains downloaded resources only until memory is needed. It then deletes those resources associated with the inactive printer language.</li> <li>• On—The printer retains all downloaded resources for all printer languages during language changes and printer resets. If the printer runs out of memory, 38 Memory Full appears.</li> </ul>
*Factory default setting	

## Finishing Mode

Main Menu	Mode Main Menu
Finishing	Sides (Duplex)
	Duplex Bind
	Copies
	Blank Pages
	Collation
	Separator Sheets
	Separator Source
	N-up (Pages/Side)
	N-up Ordering
	Orientation
	N-up Border

The finishing menu specifies the default finishing for all print jobs.

1. From the menu list, use the **Arrow** buttons  to scroll to the Finishing menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

### Finishing Mode Main Menu

From this menu:	You can:
Sides (Duplex)	Enable duplex (2-sided) printing. <ul style="list-style-type: none"> <li>• On</li> <li>• Off*</li> </ul>
Duplex Bind	Define the way duplexed pages are bound and how the printing on the back of the page is oriented in relation to the printing on the front of the page. <ul style="list-style-type: none"> <li>• Long Edge*</li> <li>• Short Edge</li> </ul>
Copies	Specify a default number of copies for each print job. <ul style="list-style-type: none"> <li>• 1*_999</li> </ul>
Blank Pages	Define whether blank pages are inserted in a print job. <ul style="list-style-type: none"> <li>• Do Not Print*</li> <li>• Print</li> </ul>
Collation	Stack the pages of a print job in sequence when printing multiple copies.







	<ul style="list-style-type: none"> <li>• On—Prints the entire job the number of times specified by the Copies menu item. For example, if you set Copies to 2 and send three pages to print, the printer prints page 1, page 2, page 3, page 1, page 2, page 3.</li> <li>• Off*—Prints each page of a job the number of times specified by the Copies menu item. For example, if you set Copies to 2 and send three pages to print, the printer prints page 1, page 1, page 2, page 2, page 3, page 3.</li> </ul>
Separator Sheets	<p>Specify whether blank separator sheets are inserted.</p> <ul style="list-style-type: none"> <li>• None*</li> <li>• Between Copies</li> <li>• Between Jobs</li> <li>• Between Pages</li> </ul>
Separator Source	<p>Specify the paper source for separator sheets.</p> <ul style="list-style-type: none"> <li>• Tray &lt;x&gt; *</li> <li>• MP Feeder</li> </ul> <p><b>NOTE:</b> From the Paper menu, Configure MP must be set to Cassette in order for MP Feeder to appear as a menu setting.</p>
N-up (Pages/Side)	<p>Specify that multiple-page images be printed on one side of a sheet of paper.</p> <ul style="list-style-type: none"> <li>• Off*</li> <li>• 2 Up</li> <li>• 3 Up</li> <li>• 4 Up</li> <li>• 6 Up</li> <li>• 9 Up</li> <li>• 12 Up</li> <li>• 16 Up</li> </ul>
N-up Ordering	<p>Specify the positioning of multiple-page images when using multi-page print.</p> <ul style="list-style-type: none"> <li>• Horizontal*</li> <li>• Vertical</li> <li>• Reverse Horizontal</li> <li>• Reverse Vertical</li> </ul> <p><b>NOTE:</b> Positioning depends on the number of images and whether the images are in portrait or landscape orientation.</p>
Orientation	<p>Specify the orientation of a multiple-page sheet.</p> <ul style="list-style-type: none"> <li>• Auto*</li> <li>• Long Edge</li> <li>• Short Edge</li> </ul>
N-up Border	<p>Print a border around each page image when using multi-page print.</p> <ul style="list-style-type: none"> <li>• None*</li> <li>• Solid</li> </ul>
* Factory default setting	

## Quality Mode

Mode Menu	Mode Main Menu
Quality	Print Resolution



Pixel Boost
Toner Darkness
Enhance Fine Lines
Gray Correction
Brightness
Contrast

1. From the menu list, use the **Arrow** buttons  to scroll to the Quality menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

### Quality Mode Main Menu







From this menu:	You can:
Print Resolution	Specify the printed output resolution. <ul style="list-style-type: none"> <li>• 1200 dpi*</li> <li>• 4800 CQ</li> </ul>
Pixel Boost	Approximate a high-resolution printer font and allow a rough preview of how the page would look when printed. <ul style="list-style-type: none"> <li>• Off*</li> <li>• Fonts Only</li> <li>• Fonts/Images</li> <li>• Fonts/Images 2</li> </ul>
Toner Darkness	Lighten or darken printed output and conserve toner. <ul style="list-style-type: none"> <li>• Ranges 1–5</li> <li>• 4*</li> </ul> <p>Select a lower value for finer line width, lighter grayscale images, and lighter printed output.</p> <p>Select a higher value for bolder line widths or darker grayscale images.</p> <p><b>NOTE:</b> Selecting a smaller number can help conserve toner.</p>
Enhance Fine Lines	Enable a print mode preferable for files such as architectural drawings, maps, electrical circuit diagrams, and flow charts. <ul style="list-style-type: none"> <li>• Off*</li> <li>• On</li> </ul> <p><b>NOTE:</b> This setting is available only on the PCL emulation driver, PostScript emulation driver, or on the printer Embedded Web Server.</p>
Gray	Automatically adjust the contrast enhancement applied to images.

Correction	<ul style="list-style-type: none"> <li>• Auto*</li> <li>• Off</li> <li>• Manual</li> </ul> <p>Auto applies different gray values to each object on the printed page.</p> <p>Off turns off gray correction.</p>
Brightness	<p>Adjust the gray value of printed images.</p> <ul style="list-style-type: none"> <li>• -6 to +6</li> <li>• 0*</li> </ul>
Contrast	<p>Adjust the contrast of printed images.</p> <ul style="list-style-type: none"> <li>• 0–5</li> <li>• 0*</li> </ul>
* Factory default setting	

## Utilities Mode

Mode Menu	Mode Main Menu
Utilities	Hex Trace

Use the Utilities menu to troubleshoot printer problems.







1. From the menu list, use the **Arrow** buttons  to scroll to the Utilities menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

## Utilities Mode Main Menu

From this menu:	You can:
Hex Trace	<p>Determine if there is a problem with the cable or language interpreter when unexpected character prints or missing characters are encountered</p> <p>Isolate printing problems and their source</p> <p>Identify what information is received by the printer</p>

## PostScript Mode

Mode Menu	Mode Main Menu
PostScript	Print PS Error
	Font Priority







1. From the menu list, use the **Arrow** buttons  to scroll to the PostScript menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

### PostScript Mode Main Menu

<b>From this menu:</b>	<b>You can:</b>
Print PS Error	Print a page containing the PostScript emulation error. <ul style="list-style-type: none"> <li>• On</li> <li>• Off*</li> </ul>
Font Priority	Establish the font search order. <ul style="list-style-type: none"> <li>• Resident*</li> <li>• Flash</li> </ul> <p><b>NOTE:</b> Font Priority is displayed only when a non-defective, non-write or -Read/Write protected flash option is installed in the device.</p>
* Factory default setting	

### PCL Emul Mode

Mode Menu	Mode Main Menu
PCL Emul	Font Source
	Font Name
	Symbol Set
	PCL Emulation Settings
	Tray Renumber

1. From the menu list, use the **Arrow** buttons  to scroll to the PCL Emul menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

### PCL Emul Mode Main Menu

<b>From this menu:</b>	<b>You can:</b>
------------------------	-----------------

Font Source	Specify the set of fonts used by the Font Name menu item. <ul style="list-style-type: none"> <li>• Resident*</li> <li>• All</li> </ul>
Font Name	Identify a specific font and the option where it is stored. <ul style="list-style-type: none"> <li>• Range: R0* – R90</li> </ul>
Symbol Set	Specify the symbol set for each font name. <ul style="list-style-type: none"> <li>• Default: 10U PC-8</li> </ul>
PCL Emulation Settings	
Point Size <b>NOTE:</b> Only for PostScript emulation and typographic fonts.	Change the point size for scalable typographic fonts. <ul style="list-style-type: none"> <li>• 1.00 – 1008.00 in increments of 0.25</li> <li>• 12.00*</li> </ul>
Pitch	Assign the font pitch for scalable monospaced fonts. <ul style="list-style-type: none"> <li>• Range: 0.08 – 100.00 in increments of 0.01</li> <li>• 10.00*</li> </ul>
Orientation	Specify the orientation of text and graphics on the page. <ul style="list-style-type: none"> <li>• Portrait*</li> <li>• Landscape</li> </ul>
Lines per Page	Assign the number of lines that print on each page. <ul style="list-style-type: none"> <li>• 1–255</li> <li>• 60*</li> </ul>
A4 Width	Set the printer to print on A4-size paper. <ul style="list-style-type: none"> <li>• 198 mm*</li> <li>• 203 mm</li> </ul>
Auto CR after LF	Specify whether the printer automatically performs a carriage return (CR) after a line feed (LF) control command. <ul style="list-style-type: none"> <li>• On</li> <li>• Off*</li> </ul>
Auto LF after CR	Specify whether the printer automatically performs a line feed (LF) after a carriage return (CR) control command. <ul style="list-style-type: none"> <li>• On</li> <li>• Off*</li> </ul>
Tray Renumber <ul style="list-style-type: none"> <li>• Assign MP Feeder</li> <li>• Assign Tray &lt;x&gt;</li> <li>• Assign Manual Paper</li> <li>• Assign Man Env</li> </ul>	Configure the printer to work with printer software or programs that use different source assignments for trays, drawers, and feeders. <ul style="list-style-type: none"> <li>• 200 = Off*</li> <li>• 0–199</li> </ul>
View Factory Def	Display the factory default setting assigned to each tray, drawer, or feeder.
Restore Defaults	Return all tray, drawer, and feeder assignments to the factory default settings.

\*Factory default setting

# Administrative Support


- [Using the Embedded Web Server](#)
  - [Locking the Operator Panel Menus Using the Embedded Web Server](#)
  - [Creating an Administrative Password](#)
- 

## Using the Embedded Web Server

If the printer is installed on a network, the Embedded Web Server is available for a range of functions:

- Configuring printer settings
- Checking the status of the printer supplies
- Configuring network settings
- Creating a password for certain menus
- Viewing reports
- Restoring the factory default settings
- Viewing the virtual display


To access the Embedded Web Server, type the printer IP address into the address field of your Web browser.

 **NOTE:** If you do not know the IP address of the printer, print a network setup page and locate the IP address in the TCP/IP section. For more information, see [Printing a Network Setup Page](#).

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## Locking the Operator Panel Menus Using the Embedded Web Server

You can use the operator panel lockout functionality to create a PIN and choose specific menus to lock. Each time a locked menu is selected, the user will be prompted to enter the correct PIN. The PIN does not affect access through the Embedded Web Server.

 **NOTE:** Locking the printer operator panel will prevent a user from entering the printer operator panel both remotely and at the printer.

To lock operator panel menus:

1. Open a Web browser. In the address bar, type the IP address of the printer or print server to be protected using the format: *http://ip\_address/*.
2. Click **Configuration**.
3. Under **Security**, choose the menus you want to protect.
4. Create and re-enter the PIN.

 **NOTE:** PINs must be 4 digits and numeric (0–9).

5. Click **Submit** to save the PIN.


To change the PIN, click **Reset Form**.

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## Creating an Administrative Password

Creating an administrative password allows a system support person to password-protect printer settings.

To prevent a user from changing a printer setting, the operator panel should be locked and an administrative password should be set. For more information, see [Locking the Operator Panel Menus Using the Embedded Web Server](#).

 **NOTE:** When the administrative password is set, the web server will require the password to be entered before the web server will allow the user to enter any link on the Printer Settings page, with the exception of the report links.

1. Open a Web browser.
2. In the address bar, type the network printer or print server IP address, and then press **Enter**.
3. Click **Configuration**.
4. Under Other Settings, click **Security**.
5. Assign password security for specific device settings.
6. Create advanced or user password.

 **NOTE:** Password range is 8–128 characters.

7. Click **Submit**.

To reset the password, click **Reset Form** or click the **Change/Remove Advanced Password** link.

# Installing Optional Hardware

- [Installing the 550-Sheet Optional Drawer](#)
  - [Installing an Optional Memory Card](#)
- 

## Installing the 550-Sheet Optional Drawer

An optional drawer attaches under the printer. A drawer consists of two parts: a tray and a support unit. Your printer supports one optional drawer that holds up to 550 sheets of paper.

**⚠ CAUTION:** If you are installing a drawer after setting up the printer, turn off the printer, and unplug the power cable before continuing.

1. Turn the printer off.
2. Unpack the drawer, and remove any packing material.
3. Place the drawer in the location you have chosen for your printer.

**🔧 NOTE:** If you have optional memory to install, leave clearance on the right side of the printer.

4. Align the holes in the printer with the positioning posts on the drawer, and lower the printer into place.



5. Turn the printer back on.
6. *In Windows Vista™:*
  - a. Click  **Control Panel**.
  - b. Click **Hardware and Sound**.
  - c. Click **Printers**.

*In Windows® XP and 2000:*



- a. Click **Start® Control Panel**.
  - b. Double-click **Printers and Other Hardware**.
  - c. Double-click **Printers and Faxes**.
7. Right-click the **Dell 2330d/2330dn Laser Printer** icon.
  8. Click **Properties**.
  9. Click **Install Options**.
  10. Click **Ask Printer**.
  11. Click **OK**.
  12. Click **OK**, and then close the Printers folder.

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## Installing an Optional Memory Card

The system board has one connector for an optional memory card. The printer can support up to 160 MB for a non-network printer and 288 MB for a network printer. The printer memory can only be upgraded using 128 MB memory cards for both network and non-network printers. The network printer can also be upgraded using 256 MB memory cards.

**⚠ CAUTION:** If you are installing a memory card after setting up the printer, turn off the printer, and unplug the power cable before continuing.

1. Turn the printer off.
2. Open the memory access door on the right side of the printer.

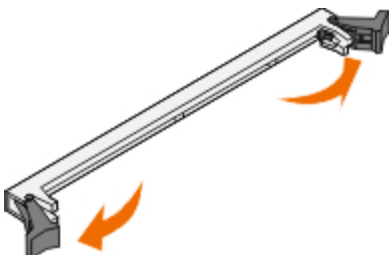


**ⓘ NOTICE:** Do not remove the memory card or touch the printer near the area of the memory card while actively reading, writing, or printing from these devices. Data corruption can occur.

3. Push open the latches on both ends of the memory connector.

**ⓘ NOTICE:** Memory cards are easily damaged by static electricity. Touch a grounded metal surface before you touch a memory card.

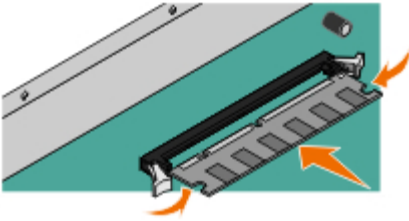
**🔧 NOTE:** Memory cards designed for other printers may not work with your printer.



4. Unpack the memory card.

Avoid touching the connection points along the edge of the card.

5. Align the notches on the bottom of the card with the notches on the connector.



6. Push the memory card firmly into the connector until the latches on both ends of the connector *snap* into place.


It may require some force to fully seat the card.

7. Ensure that each latch fits over the notch on each end of the card.

8. Close the side cover.

9. Turn the printer back on.

10. *In Windows Vista:*

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.


*In Windows® XP and 2000:*

- a. Click **Start® Control Panel**.
- b. Double-click **Printers and Other Hardware**.
- c. Double-click **Printers and Faxes**.

11. Right-click the **Dell 2330d/2330dn Laser Printer** icon.

12. Click **Properties**.

13. Click **Install Options**.

 **NOTE:** Memory cards designed for other printers may not work with your printer.

14. Click **Ask Printer**.

15. Click **OK**.

16. Click **OK**, and then close the Printers folder.


# Troubleshooting Your Printer

- [Frequently Asked Questions \(FAQ\): Dell 2330d/2330dn Laser Printer Issues and Solutions](#)
  - [Paper Problems](#)
  - [Setup Problems](#)
  - [Printing Problems](#)
  - [Error Messages](#)
  - [Print Quality Problems](#)
  - [General Guidelines for Selecting or Loading Print Media](#)
  - [Frequently Asked Questions \(FAQ\): Mac OS® Features, Issues, and Solutions](#)
  - [Avoiding Jams and Misfeeds](#)
  - [Calling for Service](#)
  - [Clearing Paper Jams](#)
- 

## Frequently Asked Questions (FAQ): Dell 2330d/2330dn Laser Printer Issues and Solutions

**How do I install the Dell™ 2330d/2330dn Laser Printer driver and software in Windows® via USB or Parallel connection?**


See [Installing the Printer Drivers](#).

 **NOTE:** DO NOT connect the printer to the computer using a USB cable and turn on the printer before trying to install the printer driver.

**Why do I get garbled text printed out continuously?**

Try any of the following:

1. Check the USB cable connections between the computer and the printer.
2. Try using a different USB cable, if available.
3. Uninstall and reinstall the Dell 2330d/2330dn Laser Printer driver.

 **NOTE:** For the local Status Monitor Center to work properly, bidirectional communication support must be in place so that the printer and computer can communicate. An exception is added to the Windows Firewall to allow this communication.

If this does not resolve this issue, check the USB cable connection with the printer. If failure persists, then changing the USB cable might help.

If the above steps do not resolve this issue, then try uninstalling and reinstalling the Dell 2330d/2330dn Laser Printer driver.

**How do I install the optional 550-sheet drawer (Tray 2)?**

See [Installing the 550-Sheet Optional Drawer](#).

**Why can't I choose the optional 550-sheet drawer (Tray 2) in the printer driver?**

See [Installing the 550-Sheet Optional Drawer](#).

**How do I set up trays to print with legal-size paper?**

See [Loading the 250-Sheet and 550-Sheet Paper Trays](#).

### How do I install the Dell 2330d/2330dn Laser Printer driver through network for Windows?

See [Setting up for Network Printing](#).

### How do I reset the imaging drum counter?

To reset the counter, see the instruction sheet that shipped with the new imaging drum kit. For more information, see [Replacing the Imaging Drum](#).



**NOTE:** Resetting the imaging drum counter without replacing the imaging drum may damage your printer and void your warranty.



**NOTE:** Use this setting to return the imaging drum counter to zero. The replace imaging drum message will be cleared only when the imaging drum has been changed.

### How do I reset factory defaults?

See [General Settings Mode](#).

### How do I find the printer IP and MAC address?

See [Printing a Network Setup Page](#).

### How do I change the printer IP address by using the Dell Printer Configuration Web Tool?

See [Dell Printer Configuration Web Tool](#).

### I am unable to set up wireless connection with Dell Wireless Print Adapter 3300.

Go to [support.dell.com](http://support.dell.com) and see the section under [Problems with 3300 Wireless Print Adapter](#).

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## Setup Problems

### Computer Problems

#### Verify that your printer is compatible with your computer.

The printer supports Windows Server 2008, Windows Vista™, Windows XP, Windows Server 2003, Windows 2000, Macintosh® OS® 10.3 and above.


Windows ME, Windows NT, Windows 98, Windows 95, Macintosh OS 9x and 10.2 are not supported by this printer.

#### Ensure that you have 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 *Setting Up Your Printer* poster, 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 Vista, click  **Computer**.

*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, and then double-click **setup.exe**.
4. When the printer software installation screen appears, click **Personal Installation** or **Network Installation**.
5. Follow the instructions on your screen to complete the installation.

## Determine if the printer software is installed.

*In Windows Vista:*

1. Click  **Programs**.
2. Click **Dell Printers**.

*In Windows XP and Windows 2000:*

Click **Start® Programs** or **All Programs® Dell Printers® Dell 2330d/2330dn Laser Printer**.


If the printer does not appear in the list of printers, 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 to the electrical outlet, and turn on the printer.
- Restart your computer.
- If the problem still exists, replace the USB cable.

## Set your printer as the default printer.

1. *In Windows Vista:*

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

*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 **Dell 2330d/2330dn Laser Printer** icon.
3. Select **Set as Default Printer**.

## Printer won't print and print jobs are stuck in the print queue.

Check for multiple instances of the printer installed on your computer.

1. *In Windows Vista:*

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

*In Windows XP, click **Start**® **Control Panel**® **Printers and Other Hardware**® **Printers and Faxes**.*

*In Windows 2000, click **Start**® **Settings**® **Printers**.*

2. Check for multiple objects for your printer.
3. Print a job to each of these print objects to see which printer is active.
4. Set that print object as the default printer:
  - a. Right-click the **Dell 2330d/2330dn Laser Printer** icon.
  - b. Click **Set as Default Printer**.
5. Delete the other copies of the print object by right-clicking the printer name and selecting **Delete**.

To prevent multiple instances of the printer in your **Printers** folder, ensure you always plug the USB cable back into the same USB port that was originally used for the printer. Also, do not install printer drivers multiple times from the *Drivers and Utilities* CD.

## Printer Problems

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

**Determine if the printer has been held or paused.**

1. *In Windows Vista:*

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

*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 **Dell 2330d/2330dn Laser Printer** icon.
3. Make sure **Pause Printing** is not selected. If **Pause Printing** is selected, click it to clear the option.

**Ensure you installed the toner cartridge correctly and removed the sticker and tape from the cartridge.**

**Make sure you loaded the paper correctly.**

For more information, see [Loading Paper](#).


---

## Error Messages


### Close Door

The printer front cover is open. Close the front door of the printer.


### Install Tray <x> or Cancel Print Job

The printer is requesting that a specified device be installed so it can print a job. Insert the specified tray or press the **Cancel** button  to cancel the print job.


### Load <Input Src> With <Custom Type Name>

Load the specified paper into the designated source to clear the message or press the **Cancel** button  to cancel the print job.

### Load <Input Src> With <Custom String>

Load the specified paper into the designated source or press the **Cancel** button  to cancel the print job.

### Load <Input Src> With <Size>

Load the input source with the correct paper size or press the **Cancel** button  to cancel the print job.


### Load <Input Src> With <Type> <Size>

Load the input source with the correct paper type and size or press the **Cancel** button  to cancel the print job.


### Load Multipurpose Feeder With <Custom Type Name>

- Load the multipurpose feeder with the correct paper type and size.


If there is no paper in the multipurpose feeder, feed a sheet of paper through the multipurpose feeder to clear the message.

- To ignore the request and print on paper that is already being used in one of the input sources, press the **Back** button . The current job may not print correctly.


If the printer finds a source that has paper of the correct type, it uses the paper from that source. If the printer cannot find a source with the correct paper type, it prints on the paper that is installed in the default paper source.

- To cancel the print job, press the **Cancel** button .

### Load Multipurpose Feeder With <Custom String>

- Load the specified paper in the multipurpose feeder.
- To ignore the request and print on paper already installed in one of the input sources, press the **Back** button . The current job may not print correctly.


If the printer finds a tray of the correct type and size, it feeds paper from that tray. If the printer cannot find a tray with the correct paper type and size, it prints on whatever paper is loaded in the default input source.

- To cancel the print job, press the **Cancel** button .


## Load Multipurpose Feeder With <Size>

- Load the multipurpose feeder with the correct paper size.


If there is no paper in the multipurpose feeder, feed a sheet of paper to clear the message.

- To ignore the request and print on paper that is already being used in one of the input source, press the **Back** button . The current job may not print correctly.


If the printer finds a source that has paper of the correct type, it uses the paper from that source. If the printer cannot find a source with the correct paper type, it prints on the paper that is installed in the default paper source.

- To cancel the print job, press the **Cancel** button .



## Load Multipurpose Feeder With <Type> <Size>

- Load the correct paper type and size in the multipurpose feeder.
- To ignore the request and print on paper already installed in one of the input sources, press the **Back** button . The current job may not print correctly.

If the printer finds a tray of the correct type and size, it feeds paper from that tray. If the printer cannot find a tray with the correct paper type and size, it prints on whatever paper is loaded in the default input source.

- To cancel the print job, press the **Cancel** button .

## Output Bin Full — Remove Paper

- Remove any paper from the output bin.
- To continue the print job, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .

## 30 Invalid Refill, Change Toner Cartridge

The printer has detected a refilled toner cartridge. Remove the toner cartridge and install a new one.

## 31 Missing or Defective Cartridge



- If the toner cartridge is not installed, install it.
- If the toner cartridge is installed, remove it and install a new toner cartridge.



## 31 Defective Toner Cartridge

Remove and install a new toner cartridge.



## 32 Unsupported Toner Cartridge

Remove the specified toner cartridge, and then install a supported one.

## 34 Short Paper

- Ensure that the paper you loaded is large enough.
- Check for a paper jam.
- To clear the message and continue printing, press the **Back** button . The remaining pages of the print job may not print correctly.
- To cancel the print job, press the **Cancel** button .

## 35 Insufficient Memory to Support Resource Save Feature



- To ignore Resource Save and continue printing, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .
- To enable Resource Save after receiving this message, make sure the link buffers are set to Auto, and then exit the menus to activate the link buffer changes. When *Ready* appears, enable Resource Save.

For more information on how to enable Resource Save, see [Setup Mode](#).

- To prevent this error in the future, install additional memory.

## 37 Insufficient Memory to Collate Job

The printer memory does not have enough free space to collate the job.


- Press the **Back** button  to print the portion of the job already stored and begin collating the rest of the print job. The current job may not print correctly.
- To cancel the current print job, press the **Cancel** button .

To prevent this error in the future:



- Install additional memory.
- Simplify the job. Reduce the complexity of the page by reducing the amount of text or graphics on the page and

deleting unnecessary fonts or macros.

## 37 Insufficient Defrag Memory

- To clear the message, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .
- To prevent this error in the future install additional memory.



## 38 Memory Full

- To clear the message and continue printing, press the **Back** button . The remainder of the print job may not print correctly.
- To cancel the print job, press the **Cancel** button .

To prevent this error in the future:

- Simplify the job. Reduce the complexity of the page by minimizing the amount of texts or graphics on the page and deleting unnecessary fonts or macros.
- Install additional memory.



## 39 Complex Page, Some Data May Not Have Printed

- Press the **Back** button  to clear the message and continue printing. The current job may not print correctly.
- To cancel the current print job, press the **Cancel** button .

To prevent this error in the future:



- Simplify the job. Reduce the complexity of the page by minimizing the amount of texts or graphics on the page and deleting unnecessary fonts or macros.
- Install additional printer memory.

## 54 Standard Network Software Error

- Turn the printer off and then back on to reset the printer.
- Upgrade the network firmware in the printer or print server.
- To ignore the message and continue printing, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .



## 56 Standard Parallel Port Disabled

The printer discards any data received through the parallel port.

- To ignore the message and continue printing, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .
- Ensure that the Parallel Buffer menu item is not set to Disabled. For more information see [Parallel Buffer](#).

## 56 Standard USB Port Disabled

The printer discards any data received through the USB port.

- To ignore the message and continue printing, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .
- Ensure that the USB Buffer menu item is not set to Disabled. For more information, see [USB Buffer](#).

## 58 Too Many Flash Options

Remove the memory from your printer. Your printer supports up to 160 MB for a non-network printer and 288 MB for a network printer.

## 58 Too Many Trays Attached

- Turn the printer off.
- Unplug the power cord from the wall outlet.
- Remove the excess trays.
- Turn the printer back on.


## 59 Unsupported Tray <x>

Remove the specified tray, and wait for the message to clear. You must remove the unsupported tray in order to print.


- Turn the printer off.
- Unplug the power cord from the wall outlet.
- Remove the unsupported tray.
- Connect the power cord to a properly grounded outlet.
- Turn the printer back on.



## 81 Engine Code CRC Failure

- To ignore the message and continue printing, press the **Back** button . The current job may not print correctly.

- To cancel the print job, press the **Cancel** button .

## 84 Imaging Drum Life Warning/PC Unit Life Warning

 **NOTE:** You receive the imaging drum life warning only if you have the Toner Alarm set to On.

- To ignore the message and continue printing, press the **Back** button . The current job may not print correctly.
- To cancel the print job, press the **Cancel** button .
- Print a Printer Settings configuration sheet to determine the imaging drum level. For more information, see [Menu Settings Page](#).
- Replace the imaging drum, and then reset the counter.



## 84 Replace Imaging Drum/Replace PC Unit

- Your printer will not print any more pages until the imaging drum has been replaced.
- Replace the imaging drum, and reset the counter.

## 88 Toner Low

- Remove the toner cartridge, and firmly shake it to redistribute the toner within the cartridge.
- Replace the toner cartridge.

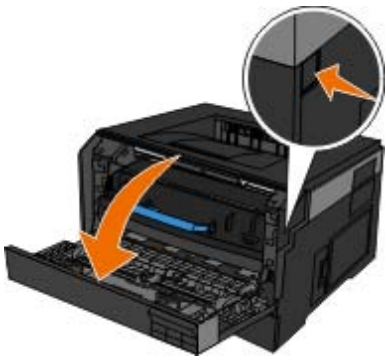
## 88 Replace Toner Cartridge

- Replace the specified toner cartridge.
- To ignore the message and continue printing, press the **Back** button . The remainder of the print job may not print correctly.
- To cancel the print job, press the **Cancel** button .

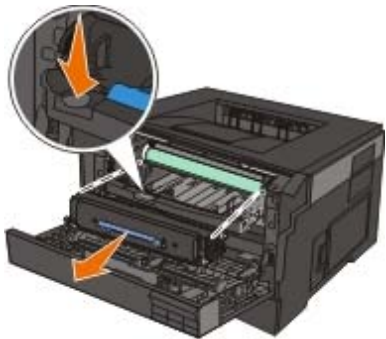
## 200 Paper Jam

There is a paper jam at the printer input sensor.

1. Turn the printer off before checking the printer.
2. Open the front cover by pressing the button on the right side of the printer and lowering the cover.



3. Press the button on the base of the imaging drum and pull the toner cartridge assembly up and out using the handle.



**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

4. Lift the base of the imaging drum kit and gently pull it up and slide it out of the printer.

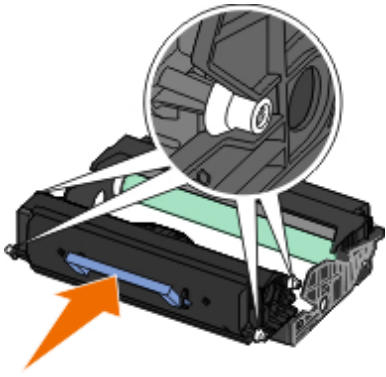


**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

5. Remove the jammed paper.



6. Install the toner cartridge assembly into the imaging drum kit by aligning the white rollers on the toner cartridge with the white arrows on the tracks of the imaging drum kit and pushing the toner cartridge in as far as it will go. The cartridge *clicks* into place when correctly installed.



7. Install the imaging drum kit with the toner cartridge assembly into the printer by aligning the blue arrow guides of the imaging drum kit with the blue arrows found in the printer and pushing the imaging drum into the printer as far as it will go. The imaging drum kit *clicks* into place when correctly installed.

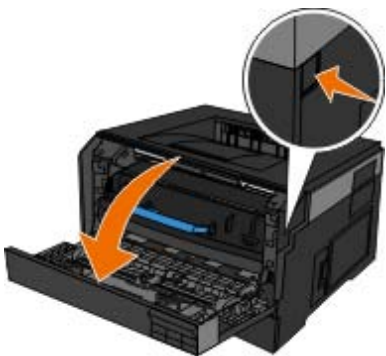


8. Close the front cover.
9. Turn the printer back on.
10. Send the print job to the printer again.

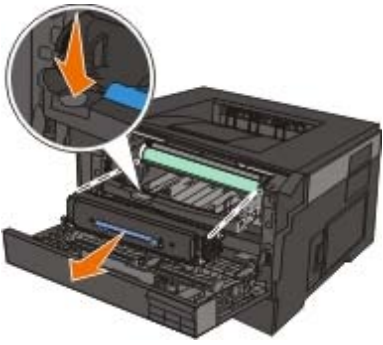
## 201 Paper Jam

There is a paper jam between the printer input and paper exit sensors.

1. Turn the printer off before checking the printer.
2. Open the front cover by pressing the button on the right side of the printer and lowering the cover.



3. Press the button on the base of the imaging drum and pull the toner cartridge assembly up and out using the handle.



**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

4. Lift the base of the imaging drum kit and gently pull it up and slide it out of the printer.

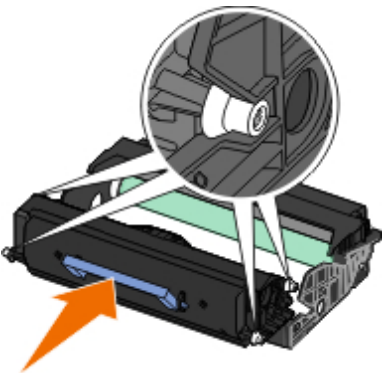


**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

5. Remove the jammed paper.



6. Install the toner cartridge assembly into the imaging drum kit by aligning the white rollers on the toner cartridge with the white arrows on the tracks of the imaging drum kit and pushing the toner cartridge in as far as it will go. The cartridge *clicks* into place when correctly installed.



7. Install the imaging drum kit with the toner cartridge assembly into the printer by aligning the blue arrow guides of the imaging drum kit with the blue arrows found in the printer and pushing the imaging drum into the printer as far as it will go. The imaging drum kit *clicks* into place when correctly installed.



8. Close the front cover.
9. Turn the printer back on.
10. Send the print job to the printer again.

## 202 Paper Jam

There is a paper jam at the printer exit sensor.

1. Turn the printer off before checking the printer.
2. Open the rear exit.



3. Remove the jammed paper.



4. Close the rear exit.
5. Turn the printer back on.
6. Send the print job to the printer again.

## 231 Paper Jam — Check Duplex

There is a paper jam in the rear of the duplex paper path.

1. Turn the printer off before checking the printer.
2. Open the rear exit.





3. Remove the jammed paper.

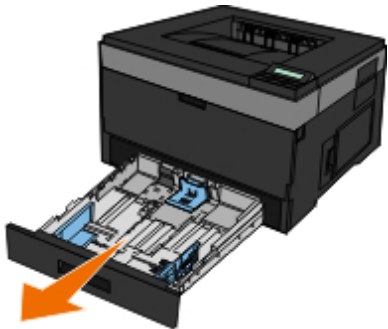


4. Close the rear exit.
5. Turn the printer back on.
6. Send the print job to the printer again.

## 233 Paper Jam — Check Duplex

There is a paper jam in the front of the duplex unit.

1. Turn the printer off before checking the printer.
2. Remove Tray 1.



**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

3. Remove the jammed paper.



4. Replace Tray 1.



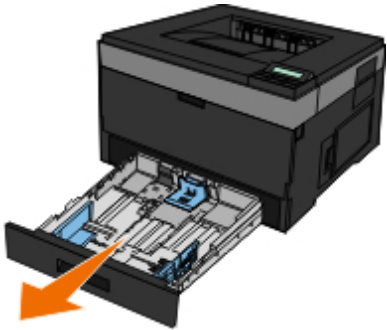
5. Turn the printer back on.

6. Send the print job to the printer again.

## 234 Paper Jam — Check Duplex

There is a paper jam in the duplex unit, but the printer cannot identify the location.

1. Turn the printer off before checking the printer.
2. Remove Tray 1.

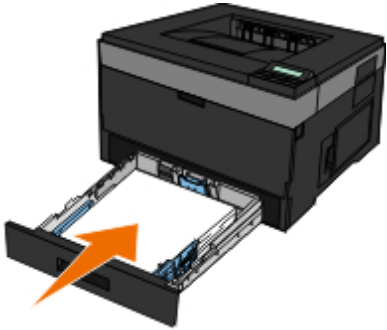


**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

3. Remove any jammed paper.



4. Replace Tray 1.



5. Open the rear exit.



6. Remove any jammed paper.



7. Close the rear exit.

8. Turn the printer back on.

9. Send the print job to the printer again.

## 235 Paper Jam — Check Duplex

There is a paper jam at the output bin because the paper used was too narrow for the duplex unit.

1. Turn the printer off before checking the printer.

2. Open the rear exit.



3. Remove the jammed paper.

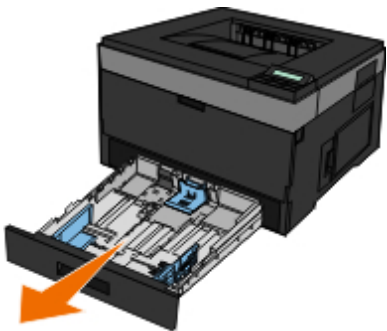


4. Close the rear exit.
5. Replace the narrow paper in Tray 1 with a wider paper.
6. Turn the printer back on.
7. Send the print job to the printer again.

## 24x Paper Jam — Check Tray <x>

### Jam in Tray 1

1. Turn the printer off before checking the printer.
2. Pull Tray 1 out.

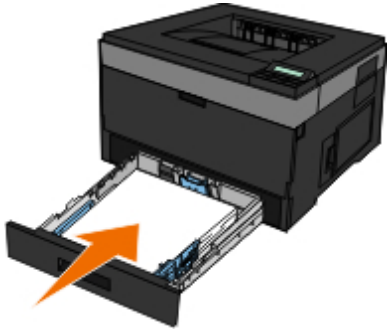


**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

3. Remove the jam.



4. Insert the tray.



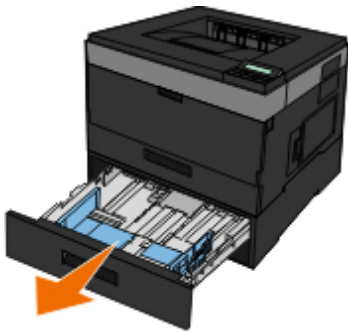
5. Turn the printer back on.

6. Send the print job to the printer again.

## Jam in Tray 2

1. Turn the printer off before checking the printer.

2. Pull Tray 2 out.



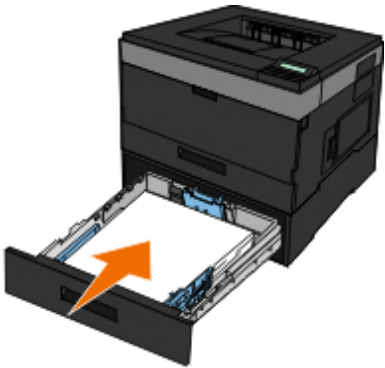
**⚠ CAUTION:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

3. Remove the jam.



**⚠ CAUTION:** Make sure all paper fragments are removed.

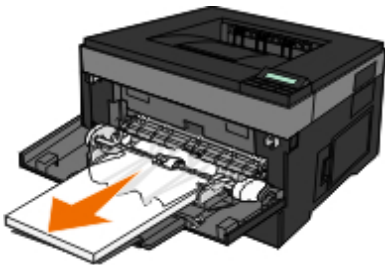
4. Insert the tray.



5. Turn the printer back on.
6. Send your print job to the printer again.

## 251 Paper Jam — Check Multipurpose Feeder

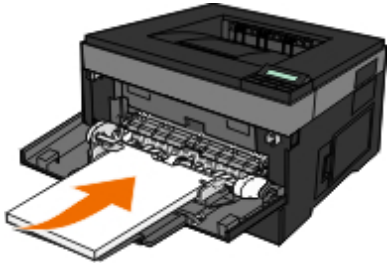
1. Turn the printer off before checking the printer.
2. Remove the paper from the multipurpose feeder.



3. Flex the sheets of paper back and forth to loosen them, and then fan them. Do not fold or crease the paper. Straighten the edges on a level surface.



4. Load the paper into the multipurpose feeder.
5. Slide the paper guide toward the inside of the tray until it lightly rests against the edge of the paper.



6. Turn the printer back on.
  7. Send the print job to the printer again.
- 

## General Guidelines for Selecting or Loading Print Media

- Attempting to print on damp, curled, wrinkled, or torn paper can cause paper jams and poor print quality.
  - Use only high-quality, copier-grade paper for the best print quality.
  - Avoid paper with embossed lettering, perforations, or a texture that is too smooth or rough. Paper jams may occur.
  - Store paper in its packaging until you are ready to use it. Place cartons on pallets or shelves, not on the floor.
  - Do not place heavy objects on top of the media, whether or not it is packaged.
  - Keep paper away from moisture or other conditions that can cause it to wrinkle or curl.
  - Store unused paper at temperatures ranging between 15°C and 30°C (59°F and 86°F). The relative humidity should be between 10% and 70%.
  - During storage, you should use moisture-proof wrap, such as a plastic container or bag, to prevent dust and moisture from contaminating the paper.
- 

## Avoiding Jams and Misfeeds

You can avoid most jams and misfeeds by following these guidelines:

- Use paper that follows the printer's media guidelines. For more information, see [Loading Paper](#).
  - Make sure that the paper is properly loaded in the input tray.
  - Do not overload the input tray.
  - Do not remove paper from the input tray while printing.
  - Flex, fan, and straighten the paper before loading.
  - Do not use creased, damp, or curled paper.
  - Orient the paper according to the instructions for the printer.
- 

## Clearing Paper Jams

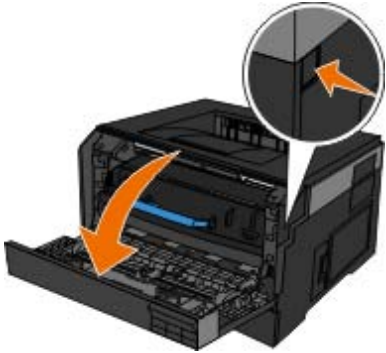
It is recommended that you clear the entire paper path when a paper jam occurs.

 **NOTE:** Turn the printer off before checking the printer.

 **CAUTION:** To reduce the risk of injury when clearing paper jams allow the surface to cool before touching.

## Paper jam in the paper path

1. Pull the paper firmly to remove it. If you cannot reach the paper because it is too far into the printer, open the front cover of the printer by pressing the button on the right side of the printer and lowering the cover.



2. Press the button on the toner cartridge assembly, and then pull the toner cartridge up and out using the handle.



3. Pull the paper out.



4. Reinstall the toner cartridge by aligning the white rollers on the toner cartridge with the white arrows on the tracks of the imaging drum and pushing the toner cartridge in as far as it will go. The cartridge clicks into place when correctly installed.



5. Close the front cover.



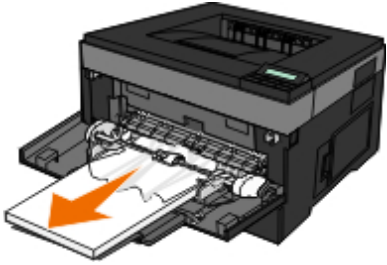
## Paper jam not visible

Near the multipurpose feeder

1. Open the multipurpose feeder door.



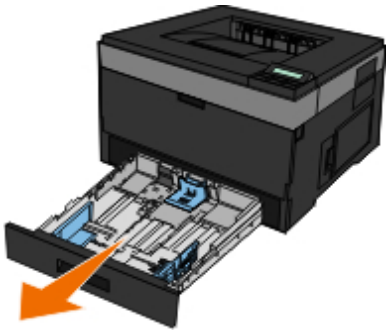
2. Firmly grasp the paper, and gently pull it from the printer.



3. Close the multipurpose feeder door.

Near the paper input tray

1. Remove the paper input tray.



2. Firmly grasp the paper, and gently pull it from the printer.

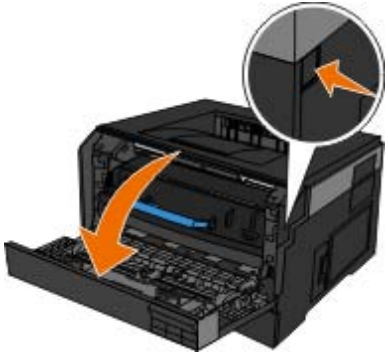


3. Replace the paper input tray.



Near the output bin extender

1. Press the door release button on the right side of the printer to open the front cover.



2. Firmly grasp the paper, and gently pull it from the printer.
3. Close the front cover.

Near the rear exit

1. Open the rear exit door.



2. Firmly grasp the paper, and gently pull it from the printer.



3. Close the rear exit door.

Turn the printer back on and send your print job to the printer again.

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## 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](#).

**Load 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.**

**Check for a paper jam.**

For more information, see [Clearing Paper Jams](#).

## Printing Problems

**Check the toner level, and install a new toner cartridge if necessary.**

For more information, see [Replacing the Toner Cartridge](#).

**Free up memory resources on your computer when print speed is slow**

- Close all applications not in use.
- Try minimizing the number and size of graphics and images in your document.
- Consider purchasing more *Random Access Memory* (RAM) for your computer.
- Remove fonts that you rarely use from your system.
- Uninstall the printer software, and then reinstall it.
- Select a lower print quality from the Printing Preferences dialog box.

**Make sure you loaded the paper correctly.**

For more information, see [Loading Paper](#).

## Print Quality Problems

Use the following information to find solutions for printing problems you encounter. If you cannot fix the problem, contact Dell at [support.dell.com](http://support.dell.com). You may have a printer part that requires cleaning or replacement by a service technician.

### **Print is too light.**

- The Toner Darkness<sup>1</sup> setting is too light.
- You are using paper that does not meet the printer specifications.
- The toner cartridge is low on toner.
- The toner cartridge is defective.

Try the following:

- Select a different Toner Darkness<sup>1</sup> setting before sending the job to print.
- Load paper from a new package.
- Avoid textured paper with rough finishes.
- Ensure that the paper you load in the trays is not damp.
- Replace the toner cartridge.

### **Print is too dark, or the background is gray.**

- The Toner Darkness<sup>1</sup> setting is too dark.
- The toner cartridge is worn or defective.

Try the following:

- Select a different Toner Darkness<sup>1</sup> setting.
- Replace the toner cartridge.

### **White lines appear on the page.**

- The printhead lens is dirty.
- The toner cartridge is defective.
- The fuser<sup>2</sup> is defective.

Try the following:

- Clean the printhead lens.
- Replace the toner cartridge.
- Replace the fuser<sup>2</sup>.

### **Streaked horizontal lines appear on the page.**

- The toner cartridge may be defective, empty, or worn.
- The fuser<sup>2</sup> may be worn or defective.

Try the following:

- Replace the toner cartridge.
- Replace the fuser<sup>2</sup>.

### **Streaked vertical lines appear on the page.**

- Toner is smeared before fusing to the paper.
- The toner cartridge is defective.

Try the following:

- If the paper is stiff, try feeding from another tray or the multipurpose feeder.
- Replace the toner cartridge.

### **The page contains print irregularities.**

- Paper has absorbed moisture due to high humidity.
- You are using paper that does not meet the printer specifications.
- The fuser<sup>2</sup> is worn or defective.

Try the following:

- Load paper from a fresh package into the paper tray.
- Avoid textured paper with rough finishes.
- Ensure that the **Paper Type** setting matches the paper loaded in the tray.
- Replace the fuser<sup>2</sup>.

### **The transparency print quality is poor. (Print has inappropriate light or dark spots, toner is smeared, or horizontal or vertical light bands appear.)**

- You are using transparencies that do not meet the printer specifications.
- The **Paper Type** setting is set to something other than Transparency.

Try the following:

- Use only transparencies recommended by Dell.
- Ensure that the **Paper Type** setting is Transparency.

### **Toner specks appear on the page.**

- The toner cartridge is defective.
- The fuser<sup>2</sup> is worn or defective.

- Toner is in the paper path.

Try the following:

- Replace the toner cartridge.
- Replace the fuser<sup>2</sup>.
- Call for service.

### **Toner rubs off the paper easily when you handle the sheets.**

- The **Paper Texture** setting is wrong for the type of paper or specialty media you are using.
- The **Paper Weight** setting is wrong for the type of paper or specialty media you are using.
- The fuser<sup>2</sup> is worn or defective.

Try the following:

- Ensure that the **Paper Texture** setting matches the paper loaded in the tray.
- Change the **Paper Weight** setting to the appropriate weight.
- Replace the fuser<sup>2</sup>.

### **Print density is uneven.**

- The toner cartridge is defective.
- Replace the toner cartridge.

### **Ghost images appear on the page.**

- The **Paper Type** is set incorrectly.
- The toner level is low.

Try the following:

- Ensure that the **Paper Type** setting matches the paper loaded in the tray.
- Replace the toner cartridge.

### **Print only appears on one side of the page.**

- The toner cartridge is not properly installed.
- Remove and reinsert the toner cartridge.

### **Margins are incorrect.**

- The **Paper Size** is set incorrectly.

- Ensure that the **Paper Size** setting matches the paper loaded in the tray.

### **Print is skewed (inappropriately slanted).**

- The guides in the selected tray are not in the correct position for the paper size loaded in the tray.
- The multipurpose feeder guides are not in the correct position for the paper size loaded in the feeder.

Try the following:

- Move the guides in the tray so they rest against the edges of the paper.
- Move the multipurpose feeder guides so they rest against the edges of the paper.

### **Printed pages are blank.**

- The toner cartridge is empty or defective.
- Replace the toner cartridge.

### **Printed pages are solid black.**

- The toner cartridge is defective.
- Your printer requires servicing.

Try the following:

- Replace the toner cartridge.
- Call for service.

### **Paper curls badly once it prints and exits to the bin.**

- The **Paper Texture** setting is wrong for the type of paper or specialty media you are using.
- Ensure that the **Paper Texture** setting matches the paper loaded in the tray.
- <sup>1</sup> For more information, see [Quality Mode](#).
- <sup>2</sup> Call a service technician to replace the fuser.

## **Frequently Asked Questions (FAQ): Mac OS<sup>®</sup> Features, Issues, and Solutions**

This document provides answers to common questions regarding printing, the printer software, and how the software interacts with the Macintosh Operating System (OS). Keeping your printer software and computer system up-to-date minimizes printing issues and ensures the best results from your printer and Mac OS. To keep your printer software current, visit the Web site of your printer manufacturer, and download the most recent Web package. To keep your Mac OS current, periodically check for updates at <http://www.info.apple.com/support/downloads.html>.

# Mac OS X Features

## Why do some applications not print multiple copies as expected?

Some applications handle the printing of multiple copies differently. Some versions of Microsoft Word and Adobe Reader treat multiple copies of a job as a single copy job with multiple pages. The following features will not work as expected when printing multiple copies using these applications.

Feature	Malfunction
Separator Sheets Between Copies	A sheet may be added only after the entire job is printed.
Duplex/Print on Both Sides	Copies may print on the same sheet.
Multiple Pages per Sheet	Copies may print on the same sheet.
Verify Print	All copies may be verified before they are printed.

To print multiple copies of a PDF file with these features, use Apple Preview or Adobe Acrobat Reader 5.

## How do I manage network printers?

Use MarkVision™ Professional to manage your network printers. This application replaces MarkVision for Macintosh and is compatible with Mac OS X or higher.

# Mac OS X Known Issues and Solutions

## How do I format my document to print on custom paper sizes?


Use the Page Setup dialog to add a custom paper size to the Paper Size menu.

### For Mac OS X version 10.4:

1. Choose **File** ® **Page Setup**.
2. From the Paper Size pop-up menu, choose **Manage Custom Sizes**.
3. From the Custom Page Sizes pane, click **+** to create a new custom paper size.
4. On the list that appears, double-click **Untitled** to rename the custom paper size.
5. Enter the appropriate page size and margins of the custom paper size.
6. Click **OK** to return to the Page Setup dialog.
7. From the Paper Size pop-up menu, choose the custom paper size you created.
8. Click **OK**.

### For Mac OS X version 10.3:

1. Choose **File** ® **Page Setup**.
2. From the Settings pop-up menu, choose **Custom Paper Size**.
3. Click **New**, and then enter the appropriate information about the custom paper size.
4. Click **Save**.

 **NOTE:** You must click **Save** before clicking **OK** or switching back to the Page Attributes pane in the Settings pop-up menu.



5. From the Settings pop-up menu, choose **Page Attributes**.
6. From the Paper Size pop-up menu, choose the custom paper size.

This newly added custom paper size is an available option for all print jobs, regardless of the selection in the "Format for" menu. Another way to use custom paper for print jobs is to choose the source that contains the custom paper in the "All pages from" pop-up menu on the Paper Feed pane of the Print dialog.

### **Why are screen fonts provided?**

PostScript fonts are stored in the printer. Matching screen fonts let you create documents that use the PostScript fonts.

### **Why are there duplicates of some of the screen fonts?**

The fonts in your printer are not identical to the screen fonts provided by Apple. Dell provides screen fonts that match the printer fonts. Using these screen fonts allows you to make sure that the printed output will match what you see on the computer screen.

### **How do I install screen fonts?**

Move the fonts you want to use from the /Users/Shared/Dell/Screen Fonts folder to the Library/Fonts folder in your home directory or at the root of the boot disk. Because most of the preinstalled fonts on Mac OS X are in /System/Library/Fonts, you can place your new fonts in either of these two locations without having to move the preexisting ones. The system will find fonts first in your home Library, then in the Library at the root of the boot disk, and then in /System/Library.

### **How do I use an external print server when the data mode is TBCP (for printers that support external print servers)?**

Check the Data Mode setting:

1. Enter the IP address of the print server into your Web browser.
2. From the menus at the left of the Web page, choose **Configuration**.
3. From the list of configuration options on the right, choose **AppleTalk**.
4. From the AppleTalk page, choose **Advanced Settings**.
5. From the AppleTalk Advanced Settings page, view the Data Mode pop-up menu. If the menu is set to IOP/EOP, do not change it. If it is set to TBCP, change it to Raw Mode.


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## **Calling for Service**

Before calling for service, check the following:

- Is the power cable plugged into the printer?
- Is the power cable plugged directly into a properly grounded electrical outlet?
- Is your printer properly connected to your computer or network?
- Are all other devices attached to your printer plugged in and turned on?
- Is the electrical outlet turned off by any switches?
- Did a fuse blow?
- Has a power outage occurred in your area?
- Is a toner cartridge installed in your printer?

- Is the printer cover closed properly?

Try turning your printer off and back on again. If your printer is still not operating properly, call for service. If you are able to print, press the **Menu** button  to print a menu settings page, which lists the printer model type and other information the service representative may need to know.

For more information, contact Dell at [support.dell.com](https://support.dell.com).

# Loading Paper


- [Setting the Paper Size and Paper Type](#)
  - [Loading the 250-Sheet and 550-Sheet Paper Trays](#)
  - [Using the Rear Exit](#)
  - [Using the Multipurpose Feeder](#)
  - [Linking and Unlinking Trays](#)
- 







## Setting the Paper Size and Paper Type

 **NOTE:** You must install the software for your printer before configuring the paper trays. For more information, see [Setting up for Local Printing](#) or [Setting up for Network Printing](#).

### Dell™ 2330d Laser Printer — Attached Locally to a Computer


After you set the Paper Size and Paper Type to the correct settings for the size and type used in the trays, then any trays containing the same size and type are automatically linked by the printer.

 **NOTE:** If the size of the paper being loaded now is the same size as the previously loaded paper, do not change the Paper Size setting.


1. Ensure that the printer is on and **Ready** appears.
2. From the operator panel, press the **Menu** button  until **Paper** Menu appears.
3. Press the **Select** button ✓.
4. Press the **Arrow** buttons  until **Size/Type** appears, and then press the **Select** button ✓.  
Select Source appears.
5. Press the **Arrow** buttons  until the correct source appears, and then press the **Select** button ✓.  
Size appears under the source name.
6. Press the **Select** button ✓.
7. Press the **Arrow** buttons  until the correct size appears, and then press the **Select** button ✓.  
Submitting Changes appears, followed by Size.
8. Press the **Arrow** buttons  until **Type** appears, and then press the **Select** button ✓.
9. Press the **Arrow** buttons  until the correct type appears, and then press the **Select** button ✓.  
Submitting Changes appears, followed by Type.

# Dell 2330dn Laser Printer — Attached to a Network

Setting the paper size and type for the printer is done through the Dell Printer Configuration Web Tool.

 **NOTE:** Configuring paper trays through the Dell Printer Configuration Web Tool is available only on the Dell 2330dn Laser Printer.

1. Type your network printer's IP address in your Web browser.

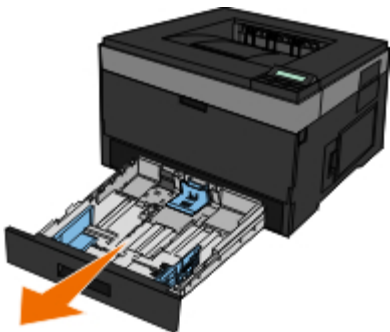
 **NOTE:** If you do not know your printer's IP address, print a network setup page, which lists the IP address. For more information see [Printing a Network Setup Page](#).

2. When the Printer Status page opens, select **Printer Settings** in the left column.
  3. From the Printer Settings page, select **Paper Menu**.
  4. Select **Paper Size**.
  5. Select the paper size you have in each tray.
  6. Click **Submit**.
  7. Select **Printer Settings** in the left column.
  8. From the Printer Settings page, select **Paper Menu**.
  9. Select **Paper Type**.
  10. Select the paper type you have in each tray.
  11. Click **Submit**.
- 

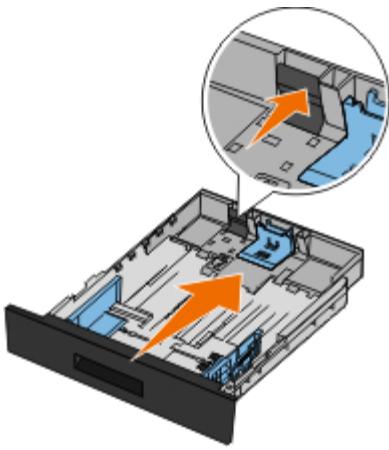
## Loading the 250-Sheet and 550-Sheet Paper Trays

Follow these instructions to load paper in the 250-sheet and 550-sheet paper trays.

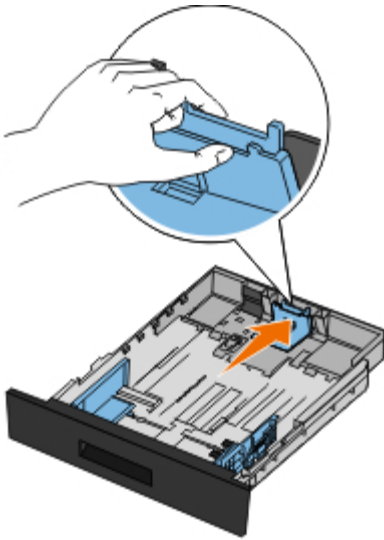
1. Remove the tray.



2. If you are loading legal or folio-size paper, you must adjust the paper tray to accommodate the larger paper.
  - a. Press down on the latch at the back of the tray.
  - b. Expand the tray until the extender locks into place.



c. Move the rear paper guide to the back of the paper tray.

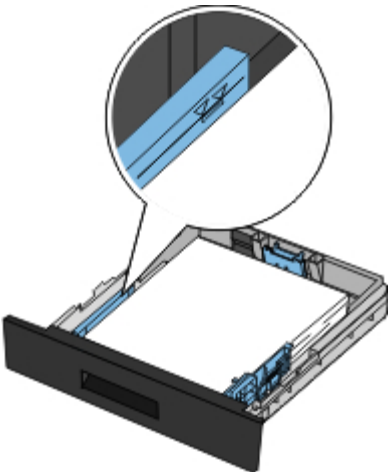


3. Flex a stack of paper back and forth. Straighten the edges on a level surface.

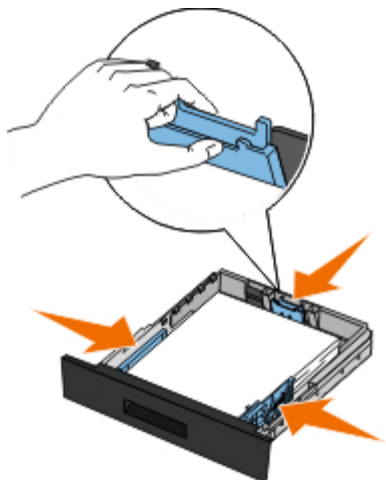


4. Load the paper in the tray with the print side facing down.

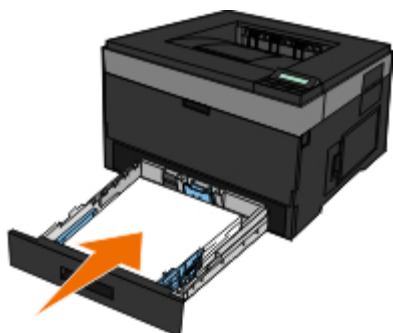
Ensure that the paper is below the maximum fill line on the side paper guides. Overloading may cause paper jams.



5. Slide the two side guides and the rear guide until they rest against the edges of the paper.



6. Replace the tray.



7. Extend the paper support on the output bin.



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## Using the Rear Exit

The single-sheet rear exit provides a straight-through paper path to help reduce curling and potential jams. This is especially useful for specialty media, such as transparencies, envelopes, labels, card stock, or index cards.

To use the rear exit, open the rear exit door. When the rear exit door is open, all print jobs come out the rear exit. When closed, all print jobs are sent to the output bin on top of the printer.









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# Using the Multipurpose Feeder

## Configuring the Multipurpose Feeder

This setting is used to designate the mode of operation for the multipurpose feeder.

Mode	
Cassette*	The multipurpose feeder source: <ul style="list-style-type: none"><li>• functions as a non-sensing automatic source</li><li>• is assigned an installed size and paper type like any of the other input sources</li><li>• is included in the value lists of all printer settings such as the Paper Source</li></ul>
Manual	The multipurpose feeder source: <ul style="list-style-type: none"><li>• is used strictly for manual feed</li><li>• is removed from the value lists of all printer settings including Paper Source</li></ul> <p>When manual feed is selected, the printer suspends printing and prompts the user to manually load print media to the multipurpose feeder.</p>
<b>* Factory default setting</b>	

1. From the operator panel menu list, use the **Arrow** buttons  to scroll the Paper menu.
2. Press the **Select** button .
3. Press the **Right Arrow** button  until the heading you want appears on the display, and then press the **Select** button .
4. Use the **Arrow** buttons  to scroll through the available menu items.
5. When the setting you want appears on the display, press the **Select** button  to save the setting.

## Opening the Multipurpose Feeder

The multipurpose feeder is located at the front of your printer and can feed 50 sheets of print media at a time. You can use the multipurpose feeder to make quick runs of paper types or sizes that are not currently loaded in the paper tray.

To open the multipurpose feeder:

1. Pull the multipurpose feeder door down.



2. Slide the multipurpose feeder tray forward.



3. Pull the extension so it flips forward.



4. Guide the extension down gently to fully extend the multipurpose feeder.

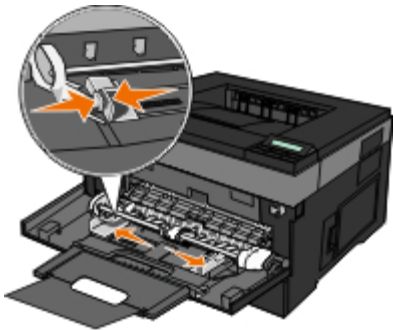


## Loading the Multipurpose Feeder

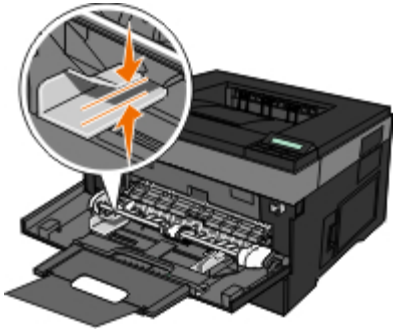
To load the multipurpose feeder:

1. Place a sheet of the selected print media, print side facing up, at the center of the multipurpose feeder, but only to the point where its leading edge can contact the paper guides. Otherwise, the printer engages the print media too soon and likely skews the print job.

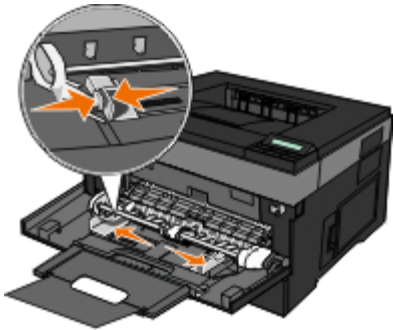




**NOTE:** Do not exceed the maximum stack height by forcing paper or specialty media under the stack height limiters which are located on the guides.



2. Adjust the paper guides to the print media's width.



3. Prepare the print media for loading.

- Flex sheets of paper or paper labels back and forth to loosen them, and then fan them. Do not fold or crease the paper or labels. Straighten the edges on a level surface.



**NOTE:** Avoid touching the print side of the transparencies. Be careful not to scratch them.

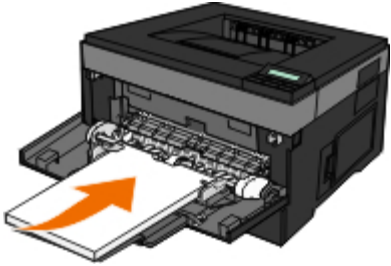


- Flex a stack of envelopes back and forth to loosen them, and then fan them. Straighten the edges on a level surface.



**NOTE:** Fanning prevents the edges of envelopes from sticking together. It helps them feed properly to avoid jams. Do not fold or crease envelopes.

4. Hold both sides of the print media close to the multipurpose feeder, and push it into the printer until it automatically engages.

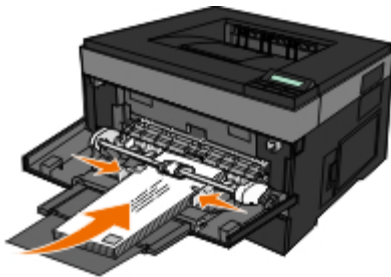


There is a brief pause between the time the printer engages the print media and when it feeds into the printer.

**NOTICE:** Do not force the print media into the feeder. Forcing the media causes jams.

- Insert envelopes with the flap side facing down and with the stamp area as shown.

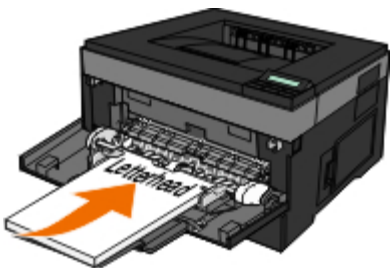
**NOTE:** For best performance do not use envelopes that have postage stamps attached.



- Hold transparencies by the edges, and avoid touching the print side. Oil from your fingers that is deposited on the transparency can affect print quality.



- Load letterhead facing up, with the top of the sheet entering the printer first.



- If you experience problems with paper feed, turn the paper around.

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## Linking and Unlinking Trays

## Linking trays

Tray linking is useful for large print jobs or multiple copies. When one linked tray is empty, paper feeds from the next linked tray. When the Paper Size and Paper Type settings are the same for any trays, the trays are automatically linked. The Paper Size setting is automatically sensed according to the position of the paper guides in each tray except the multipurpose feeder. The Paper Size setting for the multipurpose feeder must be set manually from the Paper Size menu. The Paper Type setting must be set for all trays from the Paper Type menu. The Paper Type menu and the Paper Size menu are both available from the Paper Size/Type menu.

## Unlinking trays

Unlinked trays have settings that are *not* the same as the settings of any other tray.


To unlink a tray, change the following tray settings so that they do not match the settings of any other tray:

- Paper Type (for example: Plain Paper, Letterhead, Custom Type <x>)

Paper Type names describe the paper characteristics. If the name that best describes your paper is used by linked trays, assign a different Paper Type name to the tray, such as Custom Type <x>, or define your own custom name.

- Paper Size (for example: letter, A4, statement)

Load a different paper size to change the Paper Size setting for a tray automatically. Paper Size settings for the multipurpose feeder are not automatic; they must be set manually from the Paper Size menu.

 **NOTICE:** Do not assign a Paper Type name that does not accurately describe the type of paper loaded in the tray. The temperature of the fuser varies according to the specified Paper Type. Paper may not be properly processed if an inaccurate Paper Type is selected.

# Specifications

- [Overview](#)
- [Environmental Specifications](#)
- [Noise Emissions Levels](#)
- [Emulation, Compatibility, and Connectivity](#)
- [Operating System Support](#)
- [MIB Compatibility](#)
- [Print Media Guidelines](#)
- [Media Types and Sizes](#)
- [Font Summary](#)
- [Cables](#)
- [Certifications](#)

## Overview

	2330d	2330dn
Base memory	32 MB	32 MB
Maximum memory	160 MB	288 MB
Connectivity	Parallel USB 2.0	Parallel USB 2.0 10/100/1000 Ethernet
Ships with print cartridge yield at approximately 5% coverage <b>NOTE:</b> Toner yield based on printing pages with 5% page coverage in accordance with ISO/IEC 19752 testing methodology. Yields vary with usage and environmental conditions.	2,000 pages	2,000 pages
Duty cycle (average)	500 pages/month	500 pages/month
Duty cycle (maximum)	25,000 pages/month	25,000 pages/month
Printer life	120,000 pages	120,000 pages

## Environmental Specifications

Condition	Temperature	Relative humidity (non-condensing)	Altitude
Operation	16 to 32°C (60 to 90°F)	8 to 80%	0 to 2,500 M (8,200 feet)
Storage	0 to 40°C (32 to 104°F)	8 to 80%	
Shipping	-20 to 40°C (-4 to 104°F)	8 to 95%	0.25 atmospheric pressure (equivalent to 10,300 M; 34,000 feet)

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## Noise Emissions Levels

The following measurements were made in accordance with ISO 7779 and reported in conformance with ISO 9296.

Operating Mode	Bystander Emission Sound Pressure Level Limit	Declared Sound Power Level Limit (LWAd)
Printing	52 dBA	6.5 Bels
Idle	26 dBA	Inaudible

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## Emulation, Compatibility, and Connectivity

Emulations	<p>Dell 2330d Laser Printer</p> <ul style="list-style-type: none"><li>• PostScript 3</li><li>• HBP<sup>1</sup></li><li>• PCL 5e</li><li>• PCL 6</li></ul> <p>Dell 2330dn Laser Printer</p> <ul style="list-style-type: none"><li>• PostScript 3</li><li>• HBP<sup>1</sup></li><li>• PCL 5e</li><li>• PCL 6</li></ul>
Compatibility	<ul style="list-style-type: none"><li>• Microsoft® Windows® Server 2008</li><li>• Windows Vista™</li><li>• Windows XP</li><li>• Windows Server 2003</li><li>• Windows 2000</li><li>• Debian™ GNU/Linux 4.0</li><li>• Linspire</li><li>• Ubuntu 7.1.0, 8.0.4, 8.0.4 LTS</li><li>• Red Flag Linux® Desktop 5.0, 6.0</li><li>• Red Hat Enterprise Linux WS 3, 4, 5</li><li>• SUSE LINUX Enterprise Server 8, 9, 10</li><li>• SUSE Linux Enterprise Desktop 10</li><li>• open SUSE Linux 10.2, 10.3, 11</li><li>• Linpus LINUX Desktop 9.2, 9.3</li><li>• HP-UX 11.11, 11.23, 11.31</li><li>• Macintosh® OS® X</li></ul>
Connectivity	<ul style="list-style-type: none"><li>• Parallel</li><li>• USB</li><li>• 10/100/1000 Ethernet (2330dn only)</li></ul>

<sup>1</sup> HBP supports both GDI (pre-Vista) and XPS (Vista).

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# Operating System Support

Your printer supports:

- Microsoft Windows Server 2008
  - Windows Vista
  - Windows XP
  - Windows Server 2003
  - Windows 2000
  - Debian GNU/Linux 4.0
  - Linspire
  - Ubuntu 7.1.0, 8.0.4, 8.0.4 LTS
  - Red Flag Linux Desktop 5.0, 6.0
  - Red Hat Enterprise Linux WS 3, 4, 5
  - SUSE LINUX Enterprise Server 8, 9, 10
  - SUSE Linux Enterprise Desktop 10
  - open SUSE Linux 10.2, 10.3, 11
  - Linpus LINUX Desktop 9.2, 9.3
  - HP-UX 11.11, 11.23, 11.31
  - Macintosh OS X
- 


## MIB Compatibility

A Management Information Base (MIB) is a database containing information about network devices (such as adapters, bridges, routers, or computers). This information helps network administrators manage the network (analyze performance, traffic, errors, and so on). This printer complies with standard industry MIB specifications, allowing the printer to be recognized and managed by various printer and network management software systems, such as Dell OpenManage™, IT Assistant, Hewlett-Packard OpenView, CA Unicenter, Hewlett-Packard Web JetAdmin, Lexmark MarkVision Professional, and so on.

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## Print Media Guidelines

Selecting the right paper or other media reduces printing problems. For best print quality, try a sample of the paper or specialty media you are considering before buying large quantities.

 **CAUTION:** Your product uses a printing process that heats the print media, and heat can cause certain media to release emissions. You must understand the section in your operating instructions that discusses the guidelines for selecting appropriate print media to avoid the possibility of harmful emissions.

- Use 20 lb (70 g/m<sup>2</sup>) xerographic paper.

- Use transparencies designed for laser printers.
- Use paper labels designed for laser printers.
- Use envelopes made from 24 lb (90 g/m<sup>2</sup>) bond paper. To reduce paper jams, do not use envelopes that:
  - Have excessive curl.
  - Are stuck together.
  - Contain windows, holes, perforations, cutouts, or embossing.
  - Use metal clasps, string ties, or metal folding bars.
  - Have postage stamps attached.
  - Have any exposed adhesive when the flap is in the sealed position.
- Use card stock with a maximum weight of 163 g/m<sup>2</sup> and a minimum size of 3x5 in. (76.2x127 mm).

## Media Types and Sizes

Source	Media and Size	Types	Weight	Capacity <sup>1</sup> (Sheets)
250-sheet standard tray (Tray 1)	A4, A5, A6 <sup>2</sup> , JIS B5, Letter, Legal, Executive, Folio, Statement, Universal  Minimum feed size is 105 mm x 148 mm (4.13 x 5.82 in.) Maximum feed size is 216 x 356 mm (8.5 x 14 in.)	Paper  Paper labels <sup>3</sup>  Transparencies	60– 90 g/m <sup>2</sup> (16– 24 lb)	250 sheets of paper  50 paper labels <sup>4</sup>  50 transparencies
Optional 550-sheet drawer (Tray 2)	A4, A5, A6 <sup>2</sup> , JIS B5, Letter, Legal, Executive, Folio, Statement, Universal  Minimum feed size is 149 mm x 210 mm (5.86 x 8.26 in.) Maximum feed size is 216 x 356 mm (8.5 x 14 in.)	Paper  Paper labels <sup>3</sup>  Transparencies	60– 90 g/m <sup>2</sup> (16– 24 lb)	550 sheets of paper  50 paper labels <sup>4</sup>  50 transparencies
Multipurpose Feeder  <b>NOTE:</b> When printing card stock using the multipurpose feeder, open the rear exit.	A4, A5, A6 <sup>2</sup> , JIS B5, Letter, Legal, Executive, Folio, Statement, Universal, 7 3/4 Envelope, 9 Envelope, 10 Envelope, B5 Envelope, C5 Envelope, DL Envelope, Other Envelope  Minimum feed size is 76.2 x 127 mm (3.9 x 4.9 in.)  Maximum paper size (Universal size) is 216 x 356 mm (8.5 x 14 in.)  Maximum envelope size (Other size) is 216 x 356 mm (8.5 x 14 in.)	Paper  Paper labels <sup>3</sup>  Transparencies  Card stock  Envelopes	60– 163 g/m <sup>2</sup> (16– 43 lb)	50 sheets of paper  15 paper labels <sup>4</sup>  10 transparencies  10 sheets of card stock  7 envelopes
Duplex (two-sided printing)	A4, Folio, Letter, Legal	Paper only	60– 163 g/m <sup>2</sup> (16– 43 lb)	Inapplicable

<sup>1</sup> Capacity is based on 75 g/m<sup>2</sup> (20 lb) paper or specialty media unless otherwise noted.

<sup>2</sup> A6 is supported only for grain long papers.

<sup>3</sup> Single-sided paper labels are supported for occasional use. It is recommended to print 20 or less pages of paper labels a month. Vinyl, pharmacy, or dual-sided labels are not supported.

<sup>4</sup> The capacity may be reduced on specific kinds of paper labels.

## Font Summary

Fonts/Options	2330d	2330dn
Font Load Description	Light (8.31M01)	Light (8.31M01)
PCL Bit Mapped	2	2
PCL Scalable	89	89
PS Scalable	89	89

## PCL Font List

Font Name	PCL XL Font Name	Bitmap/Scalable
Courier	Courier	S
Courier Italic	Courier It	S
Courier Bold	Courier Bd	S
Courier Bold Italic	Courier BdIt	S
CG Times	CG Times	S
CG Times Bold Italic	CG Times BdIt	S
Univers Medium	Univers Md	S
Univers Medium Italic	Univers MdIt	S
Univers Bold	Univers Bd	S
Univers Bold Italic	Univers BdIt	S
Times New Roman	TimesNewRmn	S
Times New Roman Italic	TimesNewRmn It	S
Times New Roman Bold	TimesNewRmn Bd	S
Times New Roman Bold Italic	TimesNewRmn BdIt	S
Arial	Arial	S
Arial Italic	Arial It	S
Arial Bold	Arial Bd	S
Arial Bold	Italic Arial BdIt	S
Letter Gothic	LetterGothic	S
Letter Gothic Italic	LetterGothic It	S
Letter Gothic Bold	LetterGothic Bd	S
Univers Condensed Medium	Univers CdMd	S



Univers Condensed Medium	Italic Univers CdMdlT	S
Univers Condensed Bold	Univers CdBd	S
Univers Condensed Bold	Italic Univers CdBdlT	S
Garamond Antiqua	Garamond Antiqua	S
Garamond Kursiv	Garamond Krsv	S
Garamond Halbfett	Garamond Hlb	S
Garamond Kursiv Halbfett	Garamond KrsvHlb	S
CG Omega	CG Omega	S
CG Omega Italic	CG Omega It	S
CG Omega Bold	CG Omega Bd	S
CG Omega Bold Italic	CG Omega BdIt	S
Antique Olive	AntiqOlive	S
Antique Olive Italic	AntiqOlive It	S
Antique Olive Bold	AntiqOlive Bd	S
Albertus Medium	Albertus Md	S
Albertus Extra Bold	Albertus Xb	S
Clarendon Condensed Bold	Clarendon CdBd	S
Marigold	Marigold	S
Coronet	Coronet	S
Helvetica	Helvetica	S
Helvetica Italic	Helvetica It	S
Helvetica Bold	Helvetica Ob	S
Helvetica Bold Italic	Helvetica BdOb	S
Helvetica Narrow	Helvetica Nr	S
Helvetica Narrow Italic	Helvetica NrOb	S
Helvetica Narrow Bold	Helvetica NrBd	S
Helvetica Narrow Bold Italic	Helvetica NrBdOb	S
Palatino Roman	Palatino Rmn	S
Palatino Italic	Palatino It	S
Palatino Bold	Palatino Bd	S
Palatino Bold Italic	Palatino BdIt	S
ITC Bookman Light	ITCBookman Lt	S
ITC Bookman Light Italic	ITCBookman LtIt	S
ITC Bookman Demi	ITCBookman Db	S
ITC Bookman Demi Italic	ITCBookman DbIt	S
ITC Avant Garde Book	ITCAvantGard Bk	S
ITC Avant Garde Book Oblique	ITCAvantGardBkOb	S

ITC Avant Garde Demi	ITCAvantGard Db	S
ITC Avant Garde Demi Oblique	ITCAvantGardDbOb	S
Century Schoolbook Roman	NwCentSchlbk Rmn	S
Century Schoolbook Italic	NwCentSchlbk It	S
Century Schoolbook Bold	NwCentSchlbk Bd	S
Century Schoolbook Bold Italic	NwCentSchlkbDlIt	S
ITC Zapf Chancery Medium Italic	ZapfChanceryMdlIt	S
CourierPS	CourierPS	S
CourierPS Oblique	CourierPS Ob	S
CourierPS Bold	CourierPS Bd	S
CourierPS Bold Oblique	CourierPS BdOb	S
Times Roman	Times Rmn	S
Times Italic	Times It	S
Times Bold	Times Bd	S
Times Bold Italic	Times BdIt	S
Helvetica Light	Helvetica Lt	S
Helvetica Light Oblique	Helvetica LtOb	S
Helvetica Black	Helvetica Blk	S
Helvetica Black Oblique	Helvetica BlkOb	S
Line Printer 16	Line Printer xxx	B
POSTNET Barcode	POSTNET BARCODE	B
C39 Narrow		S
C39 Regular		S
C39 Wide		S
OCR-A		S
OCR-B		S
Wingdings		S
Symbol		S
SymbolPS		S
ITC Zapf Dingbats		S

## Resident PCL Symbol Sets

Symbol Set Name	
Latin 1	Legal Windows 3.0 Latin 1 Windows 98 Latin 1 ISO 8859-1 Latin 1 (ECMA-94)

	<p>ISO 8859-15 Latin 9</p> <p>PC-8 Code Page 437</p> <p>PC-8 Danish/Norwegian (437N)</p> <p>PC-850 Multilingual</p> <p>PC-858 Multilingual Euro</p> <p>PC-860 Portugal</p> <p>PC-861 Iceland</p> <p>PC-863 Canadian French</p> <p>PC-865 Nordic</p> <p>PC-1004 OS/2</p> <p>ABICOMP Brazil/Portugal</p> <p>ABICOMP International</p> <p>Roman-8</p> <p>Roman-9</p> <p>Roman Extension</p> <p>PS Text</p> <p>Macintosh Text</p> <p>DeskTop</p> <p>Ventura International</p>
Latin 2	<p>Windows 98 Latin 2</p> <p>ISO 8859-2 Latin 2</p> <p>PC-852 Latin 2</p> <p>PC-8 Polish Mazovia</p> <p>PC-8 PC Nova</p>
Latin 5	<p>Windows 98 Latin 5</p> <p>ISO 8859-9 Latin 5</p> <p>PC-857 Latin 5 (Turkish)</p> <p>PC-853 Latin 3 (Turkish)</p> <p>PC-8 Turkish (437T)</p> <p>Turkish-8</p>
Latin 6	<p>Windows 98 Latin 6 (Baltic)</p> <p>ISO 8859-10 Latin 6</p> <p>PC-775 Baltic (PC-8 Latin 6)</p>
Cyrillic	<p>Windows 98 Cyrillic</p> <p>ISO 8859-5 Latin/Cyrillic</p> <p>PC-866 Cyrillic</p> <p>PC-855 Cyrillic</p>

	<p>Russian-GOST</p> <p>PC-8 Bulgarian</p> <p>Ukrainian</p>
Greek	<p>Windows 98 Greek</p> <p>ISO 8859-7 Latin/Greek</p> <p>PC-869 Greece</p> <p>PC-851 Greece</p> <p>PC-8 Latin/Greek</p> <p>PC-8 Greek Alternate</p> <p>Greek-8</p>
Specials	<p>Ventura Math</p> <p>PS Math</p> <p>Math-8</p> <p>Pi Font</p> <p>Microsoft Publishing</p> <p>PC-911 Katakana</p> <p>POSTNET Barcode</p> <p>OCR-A</p> <p>OCR-B</p> <p>C39 Bar Code (Upper Case)</p> <p>C39 Bar Code (plus Lower Case)</p> <p>C39 Bar Code (plus Human Readable)</p> <p>Symbol</p> <p>Wingdings</p> <p>Ventura ITC Zapf Dingbats</p> <p>PS ITC Zapf Dingbats</p> <p>PCL ITC Zapf Dingbats</p>
7-bit ISO	<p>ISO 4: United Kingdom</p> <p>ISO 6: ASCII</p> <p>ISO 11: Swedish for Names</p> <p>ISO 15: Italian</p> <p>ISO 17: Spanish</p> <p>ISO 21: German</p> <p>ISO 60: Norwegian version 1</p> <p>ISO 69: French</p> <p>ISO 2: IRV (Int'l Ref Version)</p> <p>ISO 25: French</p> <p>ISO : German</p>

ISO 14: JIS ASCII  
 ISO 57: Chinese  
 ISO 10: Swedish  
 ISO : Spanish  
 ISO 85: Spanish  
 ISO 16: Portuguese  
 ISO 84: Portuguese  
 ISO 61: Norwegian version 2

## PS Font List

PostScript Font Name	Character Sets Supported
AlbertusMT	L1
AlbertusMT-Italic	L1
AlbertusMT-Light	L1
AntiqueOlive-Roman	L1, L2, L5, L6
AntiqueOlive-Italic	L1, L2, L5, L6
AntiqueOlive-Bold	L1, L2, L5, L6
AntiqueOlive-Compact	L1, L2, L5, L6
ArialMT	L1, L2, L5, L6, Cyr, Grk
Arial-ItalicMT	L1, L2, L5, L6, Cyr, Grk
Arial-BoldMT	L1, L2, L5, L6, Cyr, Grk
Arial-BoldItalicMT	L1, L2, L5, L6, Cyr, Grk
AvantGarde-Book	L1, L2, L5, L6
AvantGarde-BookOblique	L1, L2, L5, L6
AvantGarde-Demi	L1, L2, L5, L6
AvantGarde-DemiOblique	L1, L2, L5, L6
Bookman-Light	L1, L2, L5, L6
Bookman-LightItalic	L1, L2, L5, L6
Bookman-Demi	L1, L2, L5, L6
Bookman-DemiItalic	L1, L2, L5, L6
Coronet-Regular	L1, L2, L5, L6
Courier	L1, L2, L5, L6
Courier-Oblique	L1, L2, L5, L6
Courier-Bold	L1, L2, L5, L6
Courier-BoldOblique	L1, L2, L5, L6
Garamond-Antiqua	L1, L2, L5, L6
Garamond-Kursiv	L1, L2, L5, L6
Garamond-Halbfett	L1, L2, L5, L6
Garamond-KursivHalbfett	L1, L2, L5, L6

Helvetica	L1, L2, L5, L6
Helvetica - Oblique	L1, L2, L5, L6
Helvetica - Bold	L1, L2, L5, L6
Helvetica - BoldOblique	L1, L2, L5, L6
Helvetica - Light	L1
Helvetica - LightOblique	L1
Helvetica - Black	L1
Helvetica - BlackOblique	L1
Helvetica - Narrow	L1, L2, L5, L6
Helvetica - Narrow - Oblique	L1, L2, L5, L6
Helvetica - Narrow - Bold	L1, L2, L5, L6
Helvetica - Narrow - BoldOblique	L1, L2, L5, L6
Intl-CG-Times	L1, L2, L5, L6, Cyr, Grk
Intl-CG-Times-Italic	L1, L2, L5, L6, Cyr, Grk
Intl-CG-Times-Bold	L1, L2, L5, L6, Cyr, Grk
Intl-CG-Times-BoldItalic	L1, L2, L5, L6, Cyr, Grk
Intl-Courier	L1, L2, L5, L6, Cyr, Grk
Intl-Courier-Oblique	L1, L2, L5, L6, Cyr, Grk
Intl-Courier-Bold	L1, L2, L5, L6, Cyr, Grk
Intl-Courier-BoldOblique	L1, L2, L5, L6, Cyr, Grk
Intl-Univers-Medium	L1, L2, L5, L6, Cyr, Grk
Intl-Univers-MediumItalic	L1, L2, L5, L6, Cyr, Grk
Intl-Univers-Bold	L1, L2, L5, L6, Cyr, Grk
Intl-Univers-BoldItalic	L1, L2, L5, L6, Cyr, Grk
LetterGothic	L1, L2, L5, L6
LetterGothic - Slanted	L1, L2, L5, L6
LetterGothic - Bold	L1, L2, L5, L6
LetterGothic - BoldSlanted	L1, L2, L5, L6
Marigold	L1
NewCenturySchlbk-Roman	L1, L2, L5, L6
NewCenturySchlbk-Italic	L1, L2, L5, L6
NewCenturySchlbk-Bold	L1, L2, L5, L6
NewCenturySchlbk-BoldItalic	L1, L2, L5, L6
Optima	L1, L2, L5, L6
Optima-Italic	L1, L2, L5, L6
Optima-Bold	L1, L2, L5, L6
Optima-BoldItalic	L1, L2, L5, L6
Palatino-Roman	L1, L2, L5, L6
Palatino-Italic	L1, L2, L5, L6
Palatino-Bold	L1, L2, L5, L6

Palatino-BoldItalic	L1, L2, L5, L6
Symbol	non-text font
Times-Roman	L1, L2, L5, L6
Times-Italic	L1, L2, L5, L6
Times-Bold	L1, L2, L5, L6
Times-BoldItalic	L1, L2, L5, L6
TimesNewRomanPSMT	L1, L2, L5, L6, Cyr, Grk
TimesNewRomanPS-ItalicMT	L1, L2, L5, L6, Cyr, Grk
TimesNewRomanPS-BoldMT	L1, L2, L5, L6, Cyr, Grk
TimesNewRomanPS-BoldItalicMT	L1, L2, L5, L6, Cyr, Grk
Univers	L1, L2, L5, L6
Univers-Oblique	L1, L2, L5, L6
Univers-Bold	L1, L2, L5, L6
Univers-BoldOblique	L1, L2, L5, L6
Univers-Condensed	L1, L2, L5, L6
Univers-CondensedOblique	L1, L2, L5, L6
Univers-CondensedBold	L1, L2, L5, L6
Univers-CondensedBoldOblique	L1, L2, L5, L6
Wingdings-Regular	non-text font
ZapfChancery-MediumItalic	L1, L2, L5, L6
ZapfDingbats	non-text font
<b>Character Set Abbreviations: L1 = Latin 1; L2 = Latin 2; L5 = Latin 5; L6 = Latin 6; Cyr = Cyrillic; Grk = Greek.</b>	

## Cables

Your printer interconnection cable must meet the following requirements:

Connection	Cable certification
USB	USB 2.0
Parallel	IEEE-1284
10/100/1000 Ethernet	CAT-5E

## Certifications


USB-IF

# Setting up for Local Printing

- [Windows®](#)
  - [Mac OS® X: Adding the Printer in Print Center or Printer Setup Utility](#)
  - [Linux®](#)
- 


## Windows®

Some Windows operating systems may already include a printer driver that is compatible with the printer.

 **NOTE:** Installing custom drivers do not replace the system driver. A separate printer object is created and appears in the Printers folder.

Operating System:	Use this type of cable:
Microsoft® Windows Server 2008 Windows Vista™ Windows XP Windows Server 2003 Windows 2000	USB or Parallel

## Installing the Printer Drivers

 **NOTE:** Windows Server 2008, Windows Vista, Windows XP, Windows Server 2003, and Windows 2000 require that you have administrative access to install printer drivers on your computer.

1. Insert the *Drivers and Utilities* CD.  
  
The *Drivers and Utilities* CD launches the installation software automatically.
2. When the *Drivers and Utilities* CD screen appears, click **Personal Installation — Install the printer for use on this computer only**, and then click **Next**.
3. Select your printer from the drop-down menu.
4. Select **Typical Installation (recommended)**, and then click **Install**.
5. Click **Finish**, connect the printer to the computer using a USB or parallel cable, and turn on the printer.

The installation prompts you when the setup is completed.


## Installing Additional Printer Drivers

1. Turn on your computer, and insert the *Drivers and Utilities* CD.





When the *Drivers and Utilities* CD launches, click **Cancel**.

2. In *Windows Vista* (default Start menu):

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

In *Windows XP* (default Start menu):

- a. Click **Start**  **Control Panel**.
- b. Double-click **Printers and Other Hardware**.
- c. Double-click **Printers and Faxes**.

In *Windows XP* (Classic Start menu): Click **Start**  **Settings**  **Printers and Faxes**.

In *Windows Vista* (Classic Start menu) and all other *Windows* versions: Click **Start**  **Settings**  **Printers**.

3. Double-click **Add Printer**.

The **Add Printer Wizard** opens.

4. Click **Next**.


5. Select **Local printer attached to this computer**, and then click **Next**.

You are prompted to attach the printer to the computer.


6. Select the port you want your printer to use, and then click **Next**.

7. Select **Have Disk**.

8. Browse to your CD drive, and select the correct directory for your operating system.

 **NOTE:** If you installed the printer drivers from the *Drivers and Utilities* CD before you connected the printer to your computer, the PCL-XL driver for your operating system was installed by default.

Operating System	Software Path
Windows Server 2008	D:\Drivers\Print\Win_2kXP\, where <b>D:\</b> is the letter of your CD-ROM.
Windows Vista	
Windows XP	
Windows Server 2003	
Windows 2000	

 **NOTE:** After selecting the directory containing your printer drivers, you may be prompted for additional files in order to continue installation. Insert the operating system CD, and then click **OK**.

9. Click **Open**, and then click **OK**.

10. Select the type of driver you want to install (PCL, HBP, or PS) in the **Manufacturer** list, and the printer model in the **Printers** list, and then click **Next**.

11. Proceed through the rest of the **Add Printer Wizard**, and then click **Finish** to install the printer driver.

## Installing Additional Printer Software

1. Turn on your computer, and insert the *Drivers and Utilities* CD.

The *Drivers and Utilities* CD should launch the installation software automatically.

2. Select **Additional Software Installation - Install the printer support software**, and then click **Next**.
3. Select the check boxes next to the printer software you want to install, and then click **Install**.

The software is installed on your computer.

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## Mac OS<sup>®</sup> X: Adding the Printer in Print Center or Printer Setup Utility

Macintosh<sup>®</sup> OS X version 10.3 and higher is required for USB printing. In order to print to a USB printer, add the printer in Print Center or Printer Setup Utility.

1. Install support for the printer on the computer.
  - a. Insert the *Drivers and Utilities* CD.
  - b. Double-click the installer package for the printer.
  - c. Continue past the Welcome screen and the Read me.
  - d. Click **Continue** after viewing the license agreement, and then click **Agree** to accept the terms of the agreement.
  - e. Select a destination for the installation, and then click **Continue**.
  - f. Click **Install** on the **Easy Install** screen.
  - g. Enter the administrator password, and then click **OK**.

The software is installed on the computer.

- h. Quit the installer when it is finished.
2. Open **Printer Setup Utility**, located in **/Applications/Utilities**.
  3. *If the USB printer appears in the Printer List:* The printer has been set up successfully, and you can quit the application.

*If the USB printer does not appear in the Printer List:* Ensure that the USB cable is properly connected between the printer and the computer and that the printer is turned on. After the printer appears in the Printer List, the printer has been set up successfully, and you can quit the application.

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Local printing is supported on many Linux platforms, such as Red Hat, SUSE, Debian™ GNU/Linux, Ubuntu, Red Flag Linux, and Linspire.

Printer software packages and installation instructions are available on the *Drivers and Utilities* CD. All the printer software supports local printing using a parallel connection.

To launch the installation instructions for Linux:

1. Insert the *Drivers and Utilities* CD. If the *Drivers and Utilities* CD automatically launches, click **Cancel**.
2. Browse to **D:\unix\docs\*<your language>*\index.html**, where **D:\** is the letter of your CD-ROM drive.

# Appendix

- [Dell Technical Support Policy](#)
  - [Contacting Dell](#)
  - [Warranty and Return Policy](#)
- 

## Dell Technical Support Policy

Technician-assisted technical support requires the cooperation and participation of the customer in the troubleshooting process and provides for restoration of the Operating System, application software and hardware drivers to the original default configuration as shipped from Dell, as well as the verification of appropriate functionality of the printer and all Dell-installed hardware. In addition to this technician assisted technical support, online technical support is available at Dell Support. Additional technical support options may be available for purchase.

Dell provides limited technical support for the printer and any Dell-installed software and peripherals. Support for third-party software and peripherals is provided by the original manufacturer, including those purchased and/or installed through Software & Peripherals (DellWare), ReadyWare, and Custom Factory Integration (CFI/DellPlus).

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## Contacting Dell

You can access Dell Support at [support.dell.com](http://support.dell.com). Select your region on the WELCOME TO DELL SUPPORT page, and fill in the requested details to access help tools and information.

You can contact Dell electronically using the following addresses:

- World Wide Web

[www.dell.com/](http://www.dell.com/)

[www.dell.com/ap/](http://www.dell.com/ap/) (Asian/Pacific countries only)

[www.dell.com/jp/](http://www.dell.com/jp/) (Japan only)

[www.euro.dell.com](http://www.euro.dell.com) (Europe only)

[www.dell.com/la/](http://www.dell.com/la/) (Latin American and Caribbean countries)

[www.dell.ca](http://www.dell.ca) (Canada only)

- Anonymous file transfer protocol (FTP)

[ftp.dell.com](http://ftp.dell.com)

Log in as user: anonymous, and use your email address as your password.

- Electronic Support Service

[mobile\\_support@us.dell.com](mailto:mobile_support@us.dell.com)

[support@us.dell.com](mailto:support@us.dell.com)

[la-techsupport@dell.com](mailto:la-techsupport@dell.com) (Latin America and Caribbean countries only)

[apsupport@dell.com](mailto:apsupport@dell.com) (Asian/Pacific countries only)

[support.jp.dell.com](mailto:support.jp.dell.com) (Japan only)

[support.euro.dell.com](http://support.euro.dell.com) (Europe only)

- Electronic Quote Service

[apmarketing@dell.com](mailto:apmarketing@dell.com) (Asian/Pacific countries only)

[sales\\_canada@dell.com](mailto:sales_canada@dell.com) (Canada only)

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## Warranty and Return Policy

Dell Inc. ("Dell") manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry-standard practices. For information about the Dell warranty for your printer, refer to the *Product Information Guide*.

# Setting up for Network Printing

- [Windows®](#)
- [Install the Shared Printer on Client Computers](#)
- [Mac OS® X: Adding the Printer in Print Center or Printer Setup Utility](#)
- [Linux®](#)
- [Printing a Network Setup Page](#)

## Windows®

In Windows environments, network printers can be configured for direct printing or shared printing. Both network printing methods require the installation of the printer software and the creation of a network printer port.

## Supported Printer Drivers

Custom drivers are available on the *Drivers and Utilities* CD.

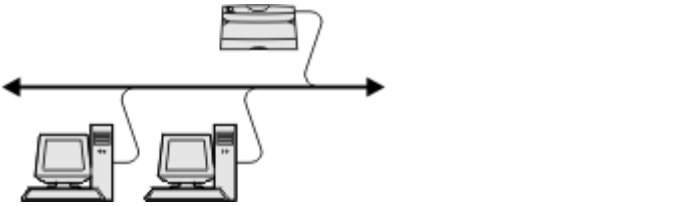
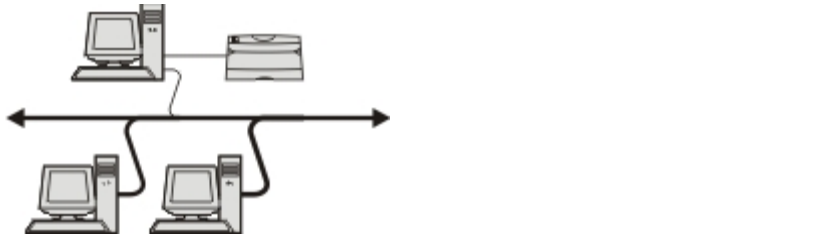
## Supported Network Printer Ports

- Microsoft® Standard TCP/IP port—Windows Server 2008, Windows Vista™, Windows XP, Windows Server 2003, and Windows 2000
- Printer network ports—Windows Server 2008, Windows Vista, Windows XP, Windows Server 2003, and Windows 2000

For basic printer functionality, install printer software, and use a system network printer port, such as a *Line Printer Remote* (LPR) or a standard TCP/IP port. The printer software and port let you maintain a consistent user interface for use with all the printers on the network. Using a custom network port provides enhanced functionality, such as printer status alerts.

## Network Printing Options


In Windows environments, network printers can be configured for direct printing or shared printing. Both network printing options require the installation of printer software and the creation of a network port.

IP Printing	Shared Printing
 <ul style="list-style-type: none"><li>• Printer is connected directly to the network using a network cable, such as an Ethernet cable.</li><li>• Printer software is typically installed on each network computer.</li></ul>	 <ul style="list-style-type: none"><li>• Printer is connected to one of the computers on the network using a local cable, such as a USB or parallel cable.</li><li>• Printer software is installed on the computer attached to the printer.</li></ul>

- During software installation, the printer is set up to be “shared” so that other network computers can print to it.

## Direct Attachment With a Network Cable (Using a Print Server)

A print server is any designated computer that centrally manages all client print jobs. If you are sharing your printer in a small workgroup environment and want to control all print jobs on this network, connect the printer to a print server.

 **NOTE:** Print a printer settings page to get the IP address and MAC address of the printer network adapter before setting up the network printer. For more information, see [Printing a Network Setup Page](#).


1. Insert the *Drivers and Utilities* CD.

The *Drivers and Utilities* CD launches the installation software automatically.

2. When the *Drivers and Utilities* CD screen appears, click **Network Installation - Install the printer for use on a network**, and then click **Next**.
3. Select **I am setting up a print server to share printers with others on the network**, and then click **Next**.
4. Select the network printer(s) you want to install.

If you do not see your printer listed, click **Refresh List** to refresh the list, or click **Manual Add** to add a printer to the network.

5. Click **Next**.
6. For each printer driver listed:

 **NOTE:** Three printer drivers are listed for each printer you selected: a *Printer Control Language (PCL)*, *PostScript (PS)*, and *Host Based Printing (HBP)* driver.

- a. Select the printer driver from the list.
  - b. If you want to change the printer name, enter a new name in the **Printer Name** field.
  - c. If you want other users to access this printer, select **Share this printer with other computers**, and then enter a share name that users can easily identify.
  - d. If you want this printer to be the default printer, select **Set this printer to default**.
  - e. If you do not want to install the particular driver for the printer, select **Do not install this printer**.
7. Click **Next**.
  8. Select the check box next to the software and documentation you want to install, and then click **Install**.

The drivers, additional software, and documentation are installed on your computer. When the installation is completed, a **Congratulations!** screen appears.

9. *If you do not want to print a test page:* Click **Finish**.

*If you want to print a test page:*

- a. Select the check box next to the printer(s) on which you want to print a test page.
- b. Click **Print Test Page**.

- c. Verify the test page printed on the printer(s).
- d. Click **Finish**.

## Direct Attachment With a Network Cable (No Print Server)


1. Insert the *Drivers and Utilities* CD.

The *Drivers and Utilities* CD launches the installation software automatically.

2. When the *Drivers and Utilities* CD screen appears, click **Network Installation - Install the printer for use on a network**, and then click **Next**.
3. Select **I want to use a network printer on this computer**, and then click **Next**.
4. Select the network printer(s) you want to install.

If you do not see your printer listed, click **Refresh List** to refresh the list, or click **Manual Add** to add a printer to the network.

5. Click **Next**.
6. For each printer driver listed:

 **NOTE:** Three printer drivers are listed for each printer you selected, a Printer Control Language (PCL), PostScript (PS), and Host Based Printing (HBP) driver.

- a. Select the printer driver from the list.
  - b. If you want to change the printer name, enter a new name in the **Printer Name** field.
  - c. If you want other users to access this printer, select **Share this printer with other computers**, and then enter a share name that users can easily identify.
  - d. If you want this printer to be the default printer, select **Set this printer to default**.
  - e. If you do not want to install the particular driver for the printer, select **Do not install this printer**.
7. Click **Next**.
  8. Select the check box next to the software and documentation you want to install, and then click **Install**.

The drivers, additional software, and documentation are installed on your computer. When the installation is completed, a **Congratulations!** screen appears.

9. *If you do not want to print a test page:* Click **Finish**.

*If you want to print a test page:*


- a. Select the check box next to the printer(s) on which you want to print a test page.
- b. Click **Print Test Page**.
- c. Verify the test page printed on the printer(s).
- d. Click **Finish**.



# Shared Printing

You can use Microsoft's Point and Print or Peer-to-Peer methods to share a printer on the network with a USB or parallel cable connection. In order to use one of these methods, you must first share the printer and then install the shared printer on client computers.

However, if you use one of these Microsoft methods, you will not have all the Dell features, such as the Status Monitor, that are installed using the *Drivers and Utilities* CD.


 **NOTE:** Windows Vista and Windows XP Professional require that you have administrative access to share a printer.

## Share the Printer



1. In Windows Vista (default Start menu):

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

In Windows XP (default Start menu):

- a. Click **Start**  **Control Panel**.
- b. Double-click **Printers and Other Hardware**.
- c. Double-click **Printers and Faxes**.

In Windows Vista (Classic Start menu) and all other Windows versions: Click **Start**  **Settings**  **Printers**.

In Windows XP (Classic Start menu): Click **Start**  **Settings**  **Printers and Faxes**.

2. Right-click your printer.
3. Click **Sharing**.
4. If you are using Windows Vista, you may be prompted to change the sharing options before you can continue. Click the **Change Sharing Options** button, and then click **Continue** on the next dialog box.
5. Select **Share this printer**, and then type a name for the printer.
6. Click **Additional Drivers**, and then select the operating systems of all network clients printing to this printer.
7. Click **OK**.

If you are missing files, you are prompted to insert the server operating system CD.

- a. Insert the *Drivers and Utilities* CD, ensure that the drive letter is correct for your CD-ROM drive, and then click **OK**.
- b. *If you are using Windows Vista:* Browse to a client computer running the operating system, and then click **OK**.

*For all other Windows versions:* Insert the operating system CD, ensure that the drive letter is correct for your CD-ROM drive, and then click **OK**.

8. Click **Close**.

To check that the printer was successfully shared:

- Ensure that the printer object in the **Printers** folder shows it is shared. For example, in Windows 2000, a hand is

shown underneath the printer icon.

- Browse **My Network Places** or **Network Neighborhood**. Find the host name of the server, and look for the shared name you assigned to the printer.

Now that the printer is shared, you can install the printer on network clients using the Point and Print method or the Peer-to-Peer method.

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## Install the Shared Printer on Client Computers

### Point and Print

This method is the best use of system resources. The printer server handles driver modifications and print job processing. This lets network clients return to their programs much faster.

If you use the Point and Print method, a subset of software information is copied from the print server to the client computer. This is just enough information to send a print job to the printer.

1. On the Windows desktop of the client computer, double-click **My Network Places** or **Network Neighborhood**.
2. Double-click the host name of the print server computer.
3. Right-click the shared printer name, and then click **Install** or **Connect**.


Wait for the software information to copy from the print server computer to the client computer, and for a new printer object to be added to the Printers folder. The time this takes varies, based on network traffic and other factors.



4. Close My Network Places or Network Neighborhood.
5. Print a test page to verify printer installation.

a. *In Windows Vista (default Start menu):*

1. Click  **Control Panel**.
2. Click **Hardware and Sound**.
3. Click **Printers**.

*In Windows XP (default Start menu):*

1. Click **Start**  **Control Panel**.
2. Double-click **Printers and Other Hardware**.
3. Double-click **Printers and Faxes**.

*In Windows XP (Classic Start menu):* Click **Start**  **Settings**  **Printers and Faxes**.

*In Windows Vista (Classic Start menu) and all other Windows versions:* Click **Start**  **Settings**  **Printers**.

- b. Right-click the printer you just created.
- c. Click **Properties**.
- d. Click **Print Test Page**.

When a test page prints successfully, printer installation is completed.


## Peer-to-Peer



If you use the Peer-to-Peer method, the printer software is fully installed on each client computer. Network clients retain control of software modifications. The client computer handles the print job processing.

1. *In Windows Vista (default Start menu):*

- a. Click  **Control Panel**.
- b. Click **Hardware and Sound**.
- c. Click **Printers**.

*In Windows XP (default Start menu):*

- a. Click **Start**  **Control Panel**.
- b. Double-click **Printers and Other Hardware**.
- c. Double-click **Printers and Faxes**.

*In Windows XP (Classic Start menu):* Click **Start**  **Settings**  **Printers and Faxes**.

*In Windows Vista (Classic Start menu) and all other Windows versions:* Click **Start**  **Settings**  **Printers**.

2. Click **Add Printer** to launch the Add Printer Wizard.

3. Click **Network Print Server**.

4. Select the network printer from the Shared printers list. If the printer is not listed, type the path of the printer in the text box. For example: \\<print server host name>\<shared printer name>.

The print server host name is the name of the print server computer that identifies it to the network. The shared printer name is the name assigned during the print server installation process.


5. Click **OK**.

If this is a new printer, you may be prompted to install printer software. If no system software is available, then you need to provide a path to available software.


6. Select whether you want this printer to be the default printer for the client, and then click **Finish**.

7. Print a test page to verify printer installation.

a. *In Windows Vista (default Start menu):*

1. Click  **Control Panel**.
2. Click **Hardware and Sound**.
3. Click **Printers**.

*In Windows XP (default Start menu):*

1. Click **Start**  **Control Panel**.
2. Double-click **Printers and Other Hardware**.

3. Double-click **Printers and Faxes**.

*In Windows XP (Classic Start menu):* Click **Start® Settings® Printers and Faxes**.

*In Windows Vista (Classic Start menu) and all other Windows versions:* Click **Start® Settings® Printers**.

- b. Right-click the printer you just created.
- c. Click **Properties**.
- d. Click **Print Test Page**.

When a test page prints successfully, printer installation is completed.

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## Mac OS® X: Adding the Printer in Print Center or Printer Setup Utility

Macintosh® OS X version 10.3 and higher is required for network printing. In order to print to a network printer, add the printer in Print Center or Printer Setup Utility.


1. Install support for the printer on the computer.
  - a. Insert the *Drivers and Utilities* CD.
  - b. Double-click the installer package for the printer.
  - c. Continue past the Welcome screen and the Read me.
  - d. Click **Continue** after viewing the license agreement, and then click **Agree** to accept the terms of the agreement.
  - e. Select a destination for the installation, and then click **Continue**.
  - f. Click **Install** on the **Easy Install** screen.
  - g. Enter the administrator password, and then click **OK**.

The software is installed on the computer.
  - h. Quit the installer when it is finished.
2. Open **Printer Setup Utility** located in **/Applications/Utilities**.
3. From the **Printers** menu, select **Add Printer**.
4. *If you want to print using IP Printing:*
  - a. Click the IP Printer toolbar icon.
  - b. Enter the IP address of the printer.
  - c. Choose the printer manufacturer from the **Printer Model** pop-up menu.
  - d. Select the printer from the list, and then click **Add**.

*If you want to print using AppleTalk:*

- a. Click **More Printers...** and then choose **AppleTalk** from the pop-up menu.

b. Choose the AppleTalk Zone from the list.

 **NOTE:** Look under the AppleTalk heading on the printer network setup page to know which zone and printer to select.

c. Choose the printer from the list, and then click **Add**.

5. Verify the printer installation.

a. Open **TextEdit** in **/Applications**.

b. From the **File** menu, choose **Print**.

c. Choose **Summary** from the **Copies & Pages** pop-up menu.

d. *If the correct PPD for the printer model is displayed under the Error Reporting group:* Setup is completed.

*If Generic PostScript Printer is displayed under the Error Reporting group:* Delete the printer from the **Printer List** in **Print Center** or **Printer Setup Utility**, and follow the instructions again to set up the printer.

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## Linux<sup>®</sup>

Printer software packages and installation instructions are available on the *Drivers and Utilities* CD.

To launch the installation instructions for Linux:



1. Insert the *Drivers and Utilities* CD. If the *Drivers and Utilities* CD automatically launches, click **Cancel**.
2. Browse to **D:\unix\docs\, where **D:\** is the letter of your CD-ROM drive.**

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## Printing a Network Setup Page

A network setup page lists the configuration settings of the printer, including the IP address and MAC address. This information is very helpful when troubleshooting the network configuration of the printer.

To print a network setup page:

1. Press the **Menu** button .
2. Navigate to the **Reports** menu.
3. Select **Network Setup Page**, and press the **Select** button .

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# Software Overview

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- [Set IP Address Utility](#)
- [Dell Printer Software Uninstall Utility](#)
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- [Removing and Reinstalling Software](#)
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- [Dell Toner Management System™](#)


Use the *Drivers and Utilities* CD that came with your printer to install a combination of software applications, depending on your operating system.

 **NOTE:** If you purchased your printer and computer separately, you must use the *Drivers and Utilities* CD to install these software applications.

 **NOTE:** These software applications are not available with Linux or Macintosh.

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## Status Monitor Center

 **NOTE:** For the local Status Monitor Center to work properly, bidirectional communication support must be in place so the printer and computer can communicate. An exception is added to the Windows® Firewall to allow this communication.

Use the Status Monitor Center to manage multiple Status Monitors.

- Double-click a printer name to open its Status Monitor, or select **Run** to open a Status Monitor for a particular printer.
  - Select **Update** to change the appearance of the list of printers.
  - Select **Help** to read the online Help.
- 

## Set IP Address Utility


 **NOTE:** This application is not available when the printer is locally attached to a computer. For the Set IP Address Utility to work properly, add an exception to the Windows® Firewall.

The Set IP Address Utility lets you set up an IP address and other important IP parameters. To set the IP address manually:

1. Connect the network cable, and turn the printer on.

Wait for a moment to make sure the IP address is assigned. Print a network setup page. For more information, see [Printing a Network Setup Page](#).

2. If the printer MAC address is already known, then get the printer IP address by using the Set IP Address Utility to match the network MAC address with the printer network adapter.
3. Click on the TCP/IP Settings.
4. To set the printer IP address manually, click the **Manual Add** option.

 **NOTE:** Choose "Network Port (TCP/IP)" during installation (instead of Dell Enhance Port) to avoid using the wrong IP address setting ("Manual Add" option).

5. Click **Submit**.

Change the Printer IP address Using the Dell Printer Configuration Web Tool.

1. Launch the *Embedded Web Server* (EWS) by typing your network printer IP address in your web browser.
2. Click **Configuration**.
3. Under **Printer Server Settings**, click **TCP/IP**.
4. Click **Set static IP address**.
5. Enter the **IP Address**, **Netmask**, and **Gateway** settings.


 **NOTE:** If you do not know these settings, contact your network administrator.

6. Click **Submit**.
7. Enter the new IP address in your browser to continue using the EWS.

---

## Dell Printer Software Uninstall Utility

Use the Uninstall Software Utility to remove any currently installed printer software or printer objects.

1. *In Windows Vista* (default Start menu):
  - a. Click  **Programs**.
  - b. Click **Dell Printers**.
  - c. Click **Dell 2330d/2330dn Laser Printer**.

*In Windows XP and 2000:*

Click **Start**® **Programs** or **All Programs**® **Dell Printers**® **Dell 2330d/2330dn Laser Printer**.

2. Click **Dell Printer Software Uninstall**.
3. Select the components you want to uninstall, and then click **Next**.
4. Click **Finish**.
5. When the uninstall is completed, click **OK**.

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## Driver Profiler


Use the Driver Profiler to create driver profiles that contain custom driver settings. A driver profile can contain a group of saved printer driver settings and other data for such things as:

- Print orientation and N-Up (document settings)



- Installation status of an output tray (printer options)
  - User-defined paper sizes (custom papers)
  - Simple text and watermarks
  - Overlay references
  - Font references
  - Form associations
- 

## Dell Printer Configuration Web Tool

 **NOTE:** This application is not available when the printer is connected locally to a computer.


Have you ever sent a print job to the network printer down the hall, only to find it didn't print because of a paper jam or an empty paper tray? One of the features of the Dell Printer Configuration Web Tool is the E-mail Alert Setup, which sends you, or the key operator, an e-mail when the printer needs supplies or intervention.

If you fill out printer inventory reports requiring the asset tag number of all of the printers in your area, the Dell Printer Configuration Web Tool has a Printer Information feature that makes it easy. Type the IP address of each printer on the network to display the asset tag number.

The Dell Printer Configuration Web Tool feature also lets you change printer settings and keep track of printing trends. If you are a network administrator, you can easily copy the printer's settings to one or all printers on the network—right from your Web browser.

To launch the Dell Printer Configuration Web Tool, type your network printer's IP address in your Web browser.

If you do not know what your printer's IP address is, print a network setup page, which lists the IP address.

To print a network setup page, press the **Menu** button .


For more information, see [Printing a Network Setup Page](#).

Use the Dell Printer Configuration Web Tool for:

- **Printer Status**—Get immediate feedback on printer supply status. When toner is running low, click the toner supplies link on the first screen to order additional toner cartridges.
- **Printer Settings**—Change printer settings, view the operator panel remotely, and update the print server firmware.
- **Copy Printer Settings**—Quickly clone the printer's settings to another printer or printers on the network by typing each printer's IP address.


 **NOTE:** You must be a network administrator to use this feature.

- **Printing Statistics**—Keep track of printing trends, such as paper usage and types of jobs being printed.
- **Printer Information**—Get the information you need for service calls, inventory reports, or the status of current memory and engine code levels.
- **E-mail Alert Setup**—Receive an e-mail when the printer needs supplies or intervention. Type your name or the key operator's name in the e-mail list box to be notified.
- **Set Password**—Lock the operator panel with a password so that other users don't inadvertently change the printer settings you selected. For more information, see [Locking the Operator Panel Menus Using the Embedded Web Server](#).


 **NOTE:** You must be a network administrator to use this feature.


- **Online Help**—Click **Help** to visit the Dell website for printer troubleshooting.
- 

## Dell Printer Alert Utility


 **NOTE:** This application is not available with Windows 2000.

The Dell Printer Alert Utility informs you when there are errors requiring your intervention on your printer. When there is an error, a bubble appears telling you what the error is, and points you to the appropriate recovery information.

 **NOTE:** For the Dell Printer Alert Utility to work properly, bidirectional communication support must be in place so the printer and computer can communicate. An exception is added to the Windows Firewall to allow this communication.

If you opted to install the Dell Printer Alert Utility with your printer software, the utility automatically launches when the software installation is completed. The utility is active if you see  in the System Tray.

To disable the Dell Printer Alert Utility:

1. From the System Tray, right click the  icon.
2. Select **Exit**.

To re-enable the Dell Printer Alert Utility:

1. *In Windows Vista (default Start menu):*
  - a. Click  **Programs**.
  - b. Click **Dell Printers**.
  - c. Click **Dell 2330d/2330dn Laser Printer**.


*In Windows XP and 2000:*

Click **Start**® **Programs** or **All Programs**® **Dell Printers**® **Dell 2330d/2330dn Laser Printer**.

2. Click **Printer Alert Utility**.
- 

## Removing and Reinstalling Software

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

1. *In Windows Vista:*
  - a. Click  **Programs**.
  - b. Click **Dell Printers**.
  - c. Click **Dell 2330d/2330dn Laser Printer**.


*In Windows XP and Windows 2000:*

Click **Start**® **Programs** or **All Programs**® **Dell Printers**® **Dell 2330d/2330dn Laser Printer**.

2. Click **Dell Printer Software Uninstall**.


3. Follow the instructions on the screen.
4. Restart your computer.
5. Insert the *Drivers and Utilities* CD, and then follow the instructions on the screen.

If the installation screen does not appear:


- a. In *Windows Vista*, click  **Computer**.  
  
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, and then double-click **setup.exe**.
  - c. When the printer software installation screen appears, click **Personal Installation**, **Network Installation**, or **Additional Software Installation**.
  - d. Follow the instructions on your screen to complete the installation.
- 

## Installing the Optional XPS Driver

The XML Paper Specification (XPS) driver is an optional printer driver designed to make use of the advanced XPS color and graphics features that are only available for Windows Vista™ users. In order to use XPS features, you must install the XPS driver as an additional driver after you install your printer.

 **NOTE:** Before installing the XPS driver, complete the steps on the *Setting Up Your Printer* poster to install the printer on your computer.

To install the driver:

1. Click  **Control Panel**.
2. Under **Hardware and Sound**, click **Printer**, and then click **Add a Printer**.
3. From the **Add Printer** dialog box, choose one of the following:
  - If you are using a USB connection, make sure the USB cable is connected to the computer and printer, and then do the following:
    - a. Click **Add a local printer**.
    - b. From the **Use an existing port:** drop-down menu, select **Virtual printer port for USB**, and then click **Next**.
  - If you are using an Ethernet or wireless connection, make sure the printer is connected to the network, and then do the following:
    - a. Click **Add a network, wireless or Bluetooth printer**.
    - b. Select your printer from the list.
    - c. If your printer is not in the list, click **The printer that I want isn't listed**.
    - d. Select **Add a printer using a TCP/IP address or hostname**, and then click **Next**.
    - e. To locate your printer IP address, print a Network Setup Page from the **Network Setup** menu under the

**Setup** menu on the printer.

f. Type your printer IP address in the **Hostname or IP address:** box, and then click **Next**.

4. Click **Have disk**.

The **Install From Disk** dialog box opens.

5. Click **Browse**, and then navigate to the XPS driver files on your computer:

- a. Click **Computer**, and then double-click **(C:)**.
- b. Double-click **Drivers**, and then double-click **PRINTER**.
- c. Double-click the folder that has your printer model number, and then double-click **Drivers**.
- d. Double-click **xps**, and then click **Open**.
- e. From the **Install From Disk** dialog box, click **OK**.


6. Click **Next** on the following two dialog boxes.

For more information on the XPS driver, see the XPS **readme** file on the *Drivers and Utilities* CD. The file is located in the **xps** folder with the setupxps batch file (D:\Drivers\xps\readme).

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## Dell Toner Management System™

### Printing Status Window

 **NOTE:** For the Printing Status Window to work properly, bidirectional communication support must be in place so the printer and computer can communicate. An exception is added to the Windows® Firewall to allow this communication.

The Printing Status window displays the status of the printer (Printer Ready, Printer Offline, and Error-Check Printer) and the name of the job when you send a job to print.

The Printing Status window also displays the level of toner so you can:

- Monitor the toner level for your printer.
- Click **Order Toner** to order replacement toner cartridges.

### Dell Printer Supplies Reorder Application

The Order Supplies dialog box can be launched from the Printing Status window, the Programs window, or the desktop icon.

You can order toner by phone or from the Web.

- If ordering online, launch the Dell Printer Supplies Reorder Application:

1. *In Windows Vista (default Start menu):*

- a. Click  **Programs**.
- b. Click **Dell Printers**.

c. Click **Dell 2330d/2330dn Laser Printer**.

*In Windows XP and 2000:*

Click **Start® Programs** or **All Programs® Dell Printers® Dell 2330d/2330dn Laser Printer**.

2. Click **Dell Printer Supplies Reorder Application**.

The **Order Supplies** dialog box opens.

3. Follow the instructions on the screen.

- If ordering from the Web, click **Visit Dell's cartridge ordering web site**.
- If ordering by phone, call the number that appears under the **By Telephone** heading.