

**Basics tab**

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**Orientation Options**

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Name



Save/Delete/Rename



Width



Height



Use Millimeters/Inches

## Effects tab

### General Options



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**Message Angle**

- Diagonal
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**Font Attributes**

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- Color
- Shading
- Size
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### **Accessing the NT Forms tab**

The NT Forms tab is available in Windows NT only.

#### **To access the NT Forms tab**

- 1 From the **Start** menu, select **Settings**, and then select **Printers**.
- 2 Right-click the printer and select **Properties** from the menu that appears. The NT Forms tab appears on the right side of the properties screen.

**Available trays**

Select the tray that you wish to configure.

**Size**

Choose the paper size or form that is loaded into the selected tray.

**Type**

Select the paper type that matches the tray configuration. (The tray must be configured for paper type at the printer.)



**Clear All**

Clears the paper size and type assignments for all trays.

**Copies**

Enter the number of copies you want to print (1-999). The copies setting in your application will usually override the copies setting in the driver.

**Portrait**



Select to print a page or envelope that is taller than it is wide when you view the text right-side up. Feed the paper as usual; the image will be rotated on the page if necessary.

## Landscape



Select to print a page or envelope that is wider than it is tall when you view the text right-side up. Feed the paper as usual; the image will be rotated on the page if necessary.

**Rotated**

Select to rotate the document image on the paper 180 degrees. If the return address on an envelope is smudged, try this setting and feed the envelope so the return address area is fed first into the printer.

**About**

Click **About** to display printer driver version information.

**Use different paper for first page**

Click **Use different paper for first page** to specify paper settings for the first page that are different from the settings for the second and following pages of your print job; clear if you want to use the same paper settings for all pages of your print job. The paper size for all pages of the print job must be the same.

**Size**

Select the paper size for your document from this list, which includes saved custom paper sizes. The paper size for all pages of a print job must be the same. The application settings override the settings in the driver.



**Type**

Select the kind of paper or media you want to use. If the printer has been set up correctly, it will automatically locate the tray with the correct type of paper. To configure your paper trays, see the printer user guide.

**Custom**

Click **Custom** to create and modify custom paper size information.

**Name**

Enter the name for your custom paper size. After you have entered the name, width and height for your custom paper size, click **Save** to save your changes. Once saved, select **OK**. Your custom paper sizes will now be listed in the **Size is:** drop-down list on the **Paper** tab.

**Height**

Enter the height for the currently selected custom paper size. If you enter a size that is too small or too large, the driver will automatically adjust the size for you.

**Width**

Enter the width for the currently selected custom paper size. If you enter a size that is too small or too large, the driver will automatically adjust the size for you.

**Save/Delete/Rename**

Saves, deletes, or renames the selected custom paper size. Saved or renamed sizes appear in the **Size is:** drop-down list on the **Paper** tab.

**Use Millimeters/Use Inches**

Click **Use Millimeters/Use Inches** to specify custom paper size dimensions in inches or millimeters.

**Flip Pages Up**

When selected, prints the pages as though they will be bound along the top of the page as you read the text. When not selected, pages will print as though they will be bound along the side of the page as you read the text.



**Pages per Sheet**

Prints up to 16 pages on one sheet of paper.

**Print Page Borders**

Prints a border around each page on the sheet. You can select **Print Page Borders** when more than one page per sheet is selected.

**Page Order**

When **Pages per Sheet** is set for more than 1, this drop-down list box allows you to select the order and placement of the pages on the sheet.

**Custom**

Allows you to select your own custom print quality settings as specified in the **Print Quality Details** screen.

**Details**

Click **Details** to open the **Print Quality Details** screen.

**Send TrueType as Bitmaps**

Try selecting **Send TrueType as Bitmaps** if you are getting unexpected results with some of your text characters.

**Use HP MEt**

For the most reliable printing, select **Use HP MEt**. With this option, the printer manages memory for print jobs using Memory Enhancement technology (MEt).

**Use More Memory**

Select **Use More Memory** only if you are receiving printer memory error messages while printing complex pages. After printing your document, reset **Complex Graphics** to **Use HP MEt**. **Use More Memory** is not intended for general use and can slow printer performance.



**Scale Patterns (WYSIWYG)**

For the most reliable printing, check **Scale Patterns**. Change this option if you are getting unexpected results with printed fills and patterns. Clearing the **Scale Patterns** check box may cause differences between on-screen appearance and printed output.

## Rendering Mode

Use the **Rendering Mode** settings to optimize graphics printing for speed and quality.

Select **Automatic** to allow the printer driver to estimate the optimal technique for sending graphics to the printer. This is the recommended and default setting.

Select **Send Graphics as Vector** to send graphics to the printer as a combination of HP-GL/2 and raster images. This setting may produce higher quality graphics output.

Select **Send Graphics as Raster** to send all graphics to the printer as images composed of individual dots. This setting may improve printing speed in some cases.

Select **Send Page as Raster** to send all graphics and text (TrueType fonts) to the printer as images composed of individual dots. With this setting, the “Send TrueType as Bitmaps” option has no effect. Use **Send Page as Raster** if you are experiencing problems with overlapping text and graphics.

**Automatic**

Select **Automatic** to allow the printer driver to estimate the optimal technique for sending graphics to the printer. This is the recommended and default setting.

**Send Graphics as Vector**

Select **Send Graphics as Vector** to send graphics to the printer as a combination of HP-GL/2 and raster images. This setting may produce higher quality graphics output.

**Send Graphics as Raster**

Select **Send Graphics as Raster** to send all graphics to the printer as images composed of individual dots. This setting may improve printing speed in some cases.

**Send Page as Raster**

Select **Send Page as Raster** to send all graphics and text (TrueType fonts) to the printer as images composed of individual dots. With this setting, the “Send TrueType as Bitmaps” option has no effect. Use **Send Page as Raster** if you are experiencing problems with overlapping text and graphics.

**EconoMode**

**EconoMode (Save Toner)** allows the printer to use less toner on each page. Selecting this option will extend the life of your toner cartridge and reduce your costs per page, but will reduce print quality.

**Resolution Enhancement technology (On)**

Resolution Enhancement technology (REt): **On** refines the print quality of characters by smoothing out jagged edges that can occur on the angles and curves of a printed image. Choose **Off** if graphics, particularly scanned images, are not printing clearly.



**Resolution Enhancement technology (Off)**

Resolution Enhancement technology (REt): **On** refines the print quality of characters by smoothing out jagged edges that can occur on the angles and curves of a printed image. Choose **Off** if graphics, particularly scanned images, are not printing clearly.

**Watermarks**

Specifies the watermark text that will be printed. Click **Edit** to modify or create a watermark.

**Edit**

Click **Edit** to modify or create a watermark.

**First Page Only**

Select to print the specified watermark on the first page only. No watermarks will be printed on the second and subsequent pages.

### **Current Watermarks**

Displays the list of available watermarks. Click **New** to create a new watermark. Click **Delete** to remove a selected watermark.

**New**

Click **New** to create a new watermark to appear in the list of available watermarks.

**Delete**

Click **Delete** to remove a selected watermark from the list of available watermarks.

**Watermark Message**

Type the watermark message that you would like printed.



**Diagonal**

Watermark appears in a diagonal layout on the printed page.

**Horizontal**

Watermark appears in a horizontal layout on the printed page

**Angle Radio Button**

Select this option to specify the watermark angle.

**Angle Field**

Indicates the current watermark angle. To change the angle, select **Custom**, and then type a value from 0 to 359 in the box.

**Angle Control**

Use this control to adjust the angle of the watermark.

**Name**

Select the font for the selected watermark.

**Color**

Select the color for the selected watermark.

**Shading**

Select the shading for the selected watermark.



**Size**

Select the font size for the selected watermark.

**Style**

Select the font style for the selected watermark.

**% of Normal Size**

Specifies the percentage of normal size by which to enlarge or reduce the document on the page. Normal size refers to the document page size (check your application's page size settings). If this option is disabled, click the “i” bubble to find out why.

**Scale Control**

Drag control to change the percentage of normal size by which to enlarge or reduce the document on the page. Normal size refers to the document page size (check your application's page size settings).

**Print Document On**

Causes the document to print on a paper size other than the one for which it is formatted. This option is useful if your document is formatted for a paper size that you do not have. For example, if you have a document formatted for letter-sized paper and you do not have that size, you can choose to print on a paper of different size.

**Scale to Fit**

If you don't want your document reduced or enlarged to fit on the selected paper size, clear this option.

**Target Size**

Select the target paper size. Only the paper sizes supported by the printer appear in this list. This option is only available when the **Print Document On** check box is selected.

**Paper Handling Options**

Specifies any paper handling options that are installed on the printer (for example, optional paper trays). If possible, this information will be detected automatically by the software and these controls will be disabled. Otherwise, you should set these options to match the physical setup of your printer.



**Duplexing Unit**

If you have a duplexing unit installed in your printer, you can print on both sides of the paper.

**Envelope Feeder**

The envelope feeder is an additional input source designed specifically for feeding multiple envelopes.

**Ignore Application Collation**

Overrides collation options selected within an application's print options. This feature allows the printer driver to collate most appropriately for the job.

**Mopier Enabled**

The **Mopier Enabled** feature allows you to transmit one copy of your document to the printer and then print multiple copies. This speeds up the printing process when printing multiple copies and is helpful in high-traffic network environments.

The **Mopier Enabled** option is available only if you have a printer hard disk and/or a total of 8 MB of RAM installed in your printer. You must also enable [MOPY MODE] from your printer control panel. Refer to your user's guide for more information on control panel settings.

You can also use the **Mopier Enabled** option if you are getting unexpected results when you print multiple copies using the Print on Both Sides option or when you use the Pages per Sheet option. If this occurs, check the **Mopier Enabled** option on the Configure tab, select **Ignore Application Collation**, and reprint your document.

**Optional Paper Sources**

Specify any paper source option that is installed on the printer (for example, HP 500-Sheet Paper Tray).

**Base Printer**

Specifies your printer model. If possible, this information will be detected automatically by the software. You can choose a different printer, but if it is not the printer model you have, you may get unexpected results. This option is not shown for all printers.

### **Automatic Configuration**

Click **Update Now** to query the printer for installed paper handling options and printer configuration. If the **Update Now** button is not available, select the appropriate configuration options for your printer on the **Configure** tab.

To enable the **Update Now** button, run the HP LaserJet Software Installer, select the custom installation option, and select bidirectional communication for the printer driver.

**Quick Sets**

Allows you to save the current driver settings (for example, page orientation, two-sided printing, paper source) for reuse. After choosing your settings, type a name for your Quick Set (for example "Quarterly Report" or "My Project Status") and click **Save**. When you save Quick Sets, all current driver settings are saved. You can also restore printer driver default settings by selecting **Factory Defaults** from the **Quick Sets** drop-down list. For convenience, Quick Sets can be selected and saved from most printer driver tabs.



**Save/Rename/Delete**

This button has the following options as indicated by the button label: **Save** enables you to save the new or changed Quick Set. When you save Quick Sets, all current driver settings are saved. **Rename** enables you to rename the selected Quick Set. To rename a Quick Set, highlight the name in the drop-down list and type a new name, then click **Rename**. **Delete** allows you to delete the selected Quick Set. For convenience, Quick Sets can be selected and saved from most printer driver tabs.

**Page Preview Image**

Shows how a sample document will print with the currently specified printer driver settings. The **Page Preview Image** changes as you select new settings. Click the image to change between portrait and landscape orientation. Click the paper size label to change between inches and millimeters.

**Printer Image**

Shows a graphical representation of your printer with the currently configured options installed. If the **Printer Image** does not show all installed printer options, click the **Configure** tab to configure additional options. The **Configure** tab is only available when the driver is opened from the **Printers** folder.

**Print All Text As Black**

Select this option to print all text characters as black, regardless of the document's text color settings.

**Allow Manual Duplex**

Select **Allow Manual Duplex** to make the **Print on Both Sides** and **Booklet Printing** features available on the Finishing tab.

**Note:** Using **Print On Both Sides** requires that the user manually reinsert the paper into the printer. This may prevent others from using the printer until the print job is completed.

**More...**

Click **More...** to view more configuration options.

**Add...**

Click to display the **Add Font DIMM** dialog.

**Installed DIMMs**

Shows currently installed Font DIMMs.



**Fonts on DIMM**

Shows all fonts on the selected Font DIMM and whether they are enabled or disabled.

**Remove**

Click to remove the selected Font DIMM and all fonts on the DIMM.

**Enable/Disable Font**

Click to enable or disable a selected font.

**Printer Font File Location**

Used with the **Browse...** button. Displays the location of the font information files.

**Browse...**

Click to navigate to the PCL 5e font information files (\*.pfm) supplied by your font vendor.

**Font DIMM Name**

Displays the name of the Font DIMM. You can type over the name to change it. After pressing **OK**, the name will appear in the **Installed DIMMs** box on the Configure Font DIMMs dialog.

Font **DIMM** check box

Select the **Font DIMM** check box when Font DIMMs are installed in the printer.

### Font DIMM Configure Button

Click **Configure** to open the Configure Font DIMMs dialog and specify which fonts are on the DIMMs.




**Font DIMMs**

To use TrueType Font DIMMs, you need to physically install the Font DIMM in the printer. Once the Font DIMM is installed in the printer and the Font DIMM check box is selected, the software selects the fonts on the DIMM rather than sending font information to the printer with each job. See the printer user guide for instructions on installing Font DIMMs.

### Accessing the printer driver

After installation, you can access the printer driver through Windows or from your software application. Although access to the printer driver from your software applications may vary, the printer driver is usually accessed from the **File** menu.

Click here  to see which printer driver is set as your default.

#### Note

The method for accessing a printer driver is the same, no matter which printer driver you are using.

### Access the printer driver

To configure the driver:

**Temporarily change settings** (from a software application)

From the **File** menu, click **Print**, then click **Properties**. (The actual steps can vary; this is the most common method.)

**Change default settings**

Click the **Start** button, point to **Settings**, then click **Printers**. Right-click the printer icon, and choose **Properties** (In Windows NT 4.0, right-click the printer icon, and choose **Document Defaults**).

### Use the printer driver help

Each printer driver has help screens that can be activated from the **Help** button in the printer driver. These help screens give detailed information about the specific driver being used. Printer driver help is separate from the software application help.


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#### See also

[Common printing tasks](#)

## Creating and using Quick Sets

Quick Sets allow you to save the current driver settings (for example, page orientation, print on both sides, paper source) for reuse. For convenience, Quick Sets can be selected and saved from most printer driver tabs. You can also restore printer driver default settings by selecting **Factory Defaults** from the **Quick Sets** drop-down list.

Click here  to see which printer driver is set as your default.

### Creating Quick Sets

- 1 Access the printer driver.
- 2 Select the desired print settings.
- 3 In the **Quick Sets** box, type a name for the selected settings (for example "Quarterly Report" or "My Project Status").
- 4 Click **Save**.

When you save Quick Sets, all current driver settings are saved. The printer driver now remembers these settings.

### Using Quick Sets

- 1 Access the printer driver.
- 2 Select the desired item from the **Quick Sets** drop-down list.
- 3 Click **OK**.

The printer is now set to print according to the settings in the Quick Sets you selected.

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### See also

[Common printing tasks](#)

[Accessing the printer driver](#)

[Finishing tab](#)

### **Choosing print quality**

The printer's default settings provide the best combination of print quality and print speed for most jobs.

#### **To choose print quality**

- 1 Access the printer driver and click the **Finishing** tab.
- 3 In the **Print Quality** section of the screen, select the preferred print quality setting.
- 4 Click **OK**.

#### **Note**

When changes have been made to the standard print quality settings, the **Custom** option is checked. To review the settings, click **Details**. See [Choosing print quality details](#) for more information.

## Choosing print quality details

The printer's default settings provide the best combination of print quality and print speed for most jobs. If you have special print quality needs, you can customize the print quality settings.

### To choose print quality details

- 1 Access the printer driver.
- 2 From the **Finishing** tab, click **Details**.
- 3 In the **Print Quality Details** screen, select the preferred settings.
- 4 Click **OK**.

The printer is now set to use the print quality settings you have selected.

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### See also

[Choosing print quality](#)


[Common printing tasks](#)

[Accessing the printer driver](#)

[Finishing tab](#)

[Print quality details](#)

### Creating and using watermarks


Click here  to see which printer driver is set as your default.

#### To use an existing watermark

- 1 Access the printer driver.
- 2 From the **Effects** tab, click the **Watermarks** drop-down list.
- 3 Click the desired watermark.
- 4 Click **First Page Only**, if desired.
- 5 Click **OK**.

The printer is now set to print the watermark you have selected. To remove the watermark, click "**(none)**" in the **Watermarks** drop-down list.

#### To create or edit a watermark

- 1 Access the printer driver.  
Click here  to see which printer driver is set as your default.
- 2 From the **Effects** tab, click **Edit**.
- 3 In the **Watermark Details** window, select the watermark you want to edit, or click **New**.
- 4 Select the desired watermark options.
- 5 Click **OK**.
- 6 From the **Effects** tab, click **First Page Only**, if desired.
- 7 Click **OK**.

The printer is now set to print the watermark you have selected. To remove the watermark, click "**(none)**" in the **Watermarks** drop-down list.

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#### See also


[Common printing tasks](#)

[Accessing the printer driver](#)

[Effects tab](#)

### **ZoomSmart options**

ZoomSmart options allow you to scale your document to a percent of its normal size. You can also choose to print your document on a different size paper, with or without scaling.

Click here  to see which printer driver is set as your default.

#### **To reduce or enlarge your document**

- 1 Access the printer driver.
- 2 From the **Effects** tab, type the percentage by which you want to reduce or enlarge your document.  
You can also use the scroll bar to adjust the reduce/enlarge percentage.
- 3 Click **OK**.  
The printer is now set to scale your document using the reduce/enlarge percentage you have selected.

#### **To fit your document to another paper size**

- 1 Access the printer driver.
- 2 From the **Effects** tab, click **Print Document On**.
- 3 Select the target paper size you would like to print on.
- 4 If you want your document printed on the target paper size without scaling to fit, click **Scale to Fit** to deselect that option.
- 5 Click **OK**.  
The printer is now set to print your document as you specified.

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#### **See also**

[Common printing tasks](#)

[Accessing the printer driver](#)

[Effects tab](#)

### Setting a custom paper size from the printer driver

Click here  to see which printer driver is set as your default.

- 1 Access the printer driver.
- 2 From the **Paper** tab, click **Custom**.
- 3 From the **Custom Size Paper** window, type the name of the custom paper.
- 4 Enter the custom paper's width and height.

If you enter a size that is too small or too large, the driver will automatically adjust the size for you.

- 5 If necessary, click the button to change the unit of measure between millimeters and inches.
- 6 Click **Save**.
- 7 Click **OK**.

The printer is now set to print your document on the custom-size paper you selected. The name that you saved will appear in the Paper tab's **Size** list for future use.

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### See also


[Common printing tasks](#)

[Accessing the printer driver](#)

[Paper tab](#)



### Printing on different paper for the first page of a print job

Click here  to see which printer driver is set as your default.

- 1 Access the printer driver.
- 2 From the **Paper** tab, select the desired paper for the first page of your print job.
- 3 Click **Use different paper for first page**.
- 4 Click the **Other Pages** tab.
- 5 Select the desired paper type or source for the other pages of your print job.  
The printer is now set to print your document on the paper you selected.

#### Note

The paper size for all pages of the print job must be the same.

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#### See also

[Common printing tasks](#)

[Accessing the printer driver](#)

[Paper tab](#)

### Printing multiple pages on one sheet of paper

Click here  to see which printer driver is set as your default.

- 1 Access the printer driver.
- 2 Select the **Finishing** tab.
- 3 Under Document Options, select the number of pages you want to print per sheet (1, 2, 4, 6, 9, or 16).
- 4 Click **Print Page Borders** if you want to print a border around each page on the sheet.  
**Print Page Borders** is enabled only if **Pages per Sheet** is more than 1.
- 5 If the number of pages is greater than 1, click **Page Order** to select the order and placement of the pages on the sheet.
- 6 Click **OK**.

The printer is now set to print the number of pages per sheet that you have selected.

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#### See also


[Common printing tasks](#)

[Accessing the printer driver](#)

[Finishing tab](#)

[Configure tab](#)

### Restoring default printer driver settings

Click here  to see which printer driver is set as your default.

- 1 Access the printer driver.
- 2 In the **Quick Sets** box, select **Factory Defaults**.  
The printer driver will now restore default settings.

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### See also

[Common printing tasks](#)

[Accessing the printer driver](#)

**OK button**

Closes the dialog box and saves any changes you have made.








**Cancel button**

Closes the dialog box without saving any changes you have made.

**Help button**

Click this to display an overview of the dialog box.

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## Paper tab

### General Options

- [Quick Sets](#)
- [Page Preview Image](#)
- [Printer Image](#)

### Paper Options

- [All Pages](#)
- [Use different paper for first page](#)
- [Size is:](#)
- [Source is:](#)
- [Custom](#)

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### See also

[Common printing tasks](#)



**Source**

Select the tray that has the paper you want to use. You may also click on the printer image to select a source tray. If the paper size of the print job does not match the size of paper loaded in the tray selected, you may get unexpected results. If a paper tray is not listed, verify that the correct paper handling options are selected on the **Configure** tab. The application settings override the settings in the driver.

**Printer Image**

Click on the printer image to select a source tray. If the paper size of the print job does not match the size of paper loaded in the tray selected, you may get unexpected results. If a paper tray is not listed, verify that the correct paper handling options are selected on the **Configure** tab. The application settings override the settings in the driver.

## Finishing tab

### General Options

- [Quick Sets](#)
- [Page Preview Image](#)

### Document Options

- [Print on Both Sides](#)
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### Print Quality Options

- [Best Quality](#)
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- [EconoMode \(Save Toner\)](#)
- [Details](#)

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### See also

[Common printing tasks](#)

**Straight Paper Path**

Select this option when using **Print on Both Sides** and the printer is configured to print to the rear output bin.

**Best Quality**

Prints documents at 600 dpi. This option provides the best print quality. For best results, use graphics and fonts that are designed specifically for printers that print at 600 dpi resolution.

**300 DPI**

If you are using accessory fonts that were designed for 300 dpi printers, such as the HP LaserJet Series II and HP LaserJet III printers, you can print at either 600 dpi or 300 dpi resolution. For best results using 300 dpi fonts, set Print Quality to 300 dpi. Your printer will smooth out the 300 dpi data and give it a 600 dpi appearance.

**Print quality details**

**Graphics Settings**

- Use HP MEt
- Use More Memory
- Rendering Mode

**Output Settings**

- Resolution
- Resolution Enhancement technology (REt)
- Scale Patterns (WYSIWYG)
- Print All Text As Black

**Font Settings**

- Send TrueType as Bitmaps

**Resolution**

Resolution refers to the number of dots per inch (dpi) used to print the page. As resolution is increased, the quality (clarity and visual appeal) of print on the page is improved.

The **600 dpi** setting produces better print quality than 300 dpi. The 600 dpi setting provides backward compatibility with 600 dpi HP LaserJet printers. For best results using 600 dpi, use graphics and fonts that are designed specifically for printers that print at 600 dpi resolution.

The **300 dpi** option prints documents using 300 dpi and provides backward compatibility with 300 dpi HP LaserJet printers. Choose 300 dpi if your document was formatted for a previous HP LaserJet printer and you are getting unexpected results.

Changing resolution may change the formatting of your text documents.



**NT Forms tab**

Use the NT Forms tab to specify which paper sizes are loaded into each of the available trays. This determines the choices that are available in the Size list on the Paper tab.

**Note:** The NT Forms tab is available in Windows NT only.

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**See also**

[Accessing the NT Forms tab](#)

## Configure tab

The **Configure** tab is not available from within your applications.

### To access the Configure tab

- 1 From the **Start** menu, click **Settings**, and then select **Printers**.
- 2 Right-click the printer and select **Properties**. The **Configure** tab appears.

### General Options

- [Printer Image](#)
- [Base Printer](#)

### Paper Handling Options

- [Allow Manual Duplex](#)
- [Optional Paper Sources](#)

### Other Options

- [Driver Work Space](#)
- [Font DIMMs](#)

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### See also

[Finishing tab](#)

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[Common printing tasks](#)

**All Pages**

Allows you to specify paper size and source for all pages or the first page of your document. To print your document using different paper for the first and other pages, select **Use different paper for first page**. The paper size for all pages of the print job must be the same. To print your entire document using the same paper, clear **Use different paper for first page**.

**Print on Both Sides**

Allows you to print your document on both sides of a page by manually reinserting the paper. When using this option, the print job will pause, and you will be prompted to reinsert the paper. This option is available when the **Allow Manual Duplex** check box is selected on the Configure tab.

**Note:** Using **Print On Both Sides** may prevent others from using the printer until the paper has been reinserted into the printer and the print job completed.

**Booklet Printing**

Allows you to print a document as a booklet. In booklet printing, your pages are reordered and printed two-up on each side of a sheet of paper. This allows you to fold the paper in the middle, forming a booklet, and have the pages in the correct order with no page shuffling. This option requires **Print on Both Sides** to be selected.

**Possible Options**

Original Paper size:	Print on:
Letter	Letter or Legal
A4	A4
Legal	Legal

**Driver Work Space**

Specifies the amount of “work space” memory available to the printer. To determine the value that should be entered, print a configuration page and check the value labeled **DWS** or **Available Memory** in the memory section on the configuration page. If the DWS setting is not on the configuration page, the setting can be approximated by calculating 70% of the total printer memory.

**Tip:** To print a configuration page, simultaneously press the printer’s **Go** and **Job Cancel** keys.

## Font DIMM configuration

To use TrueType Font DIMMs, you need to physically install the Font DIMM(s) in the printer and configure the Font DIMM(s) using your HP LaserJet PCL 5e software. Once configured, the software selects the fonts on the DIMM(s) rather than sending font information to the printer with each print job.

Font DIMM configuration is available from the Configure tab.

### To access Font DIMM configuration

- 1 Access the printer driver properties and select the **Configure tab**. (The Configure tab is not available from within your applications.)
- 2 Select the **Font DIMM(s)** checkbox and click **Configure**. The **Configure Font DIMMs** dialog displays.

Additional help is available from the Configure Font DIMMs dialog.

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### See also

[Configure tab](#)

## Configuring Font DIMMs

To use TrueType Font DIMMs, you need to physically install the Font DIMM(s) in the printer and configure the Font DIMMs using your HP LaserJet PCL 5e software. Once configured, the software selects the fonts on the DIMM rather than sending font information to the printer with each print job.

### To configure the Font DIMMs:

#### Add Font DIMMs

- 1 Make sure the fonts for the TrueType Font DIMM are installed in the Windows operating system.
- 2 Click **Add...** The Add Font DIMM dialog displays.
- 3 Click **Browse...** and navigate to the PCL 5e font information files (\*.pfm or \*.hpd) supplied by your font vendor.
- 4 Click **OK** to accept the selected file and return to the Add Font DIMM dialog. The name of the Font DIMM displays in the **Font DIMM Name** box. (You can accept the existing Font DIMM name or type a new one.)
- 5 Click **OK**. All fonts on the DIMM are automatically enabled.

#### Remove Font DIMMs

Use this procedure when a Font DIMM has been physically removed from the printer, or when you no longer want the software to select any of the fonts on the DIMM.

- 1 In the **Installed DIMMs** box, select the DIMM you want to remove.
- 2 Click **Remove**.

#### Enable or Disable Fonts

Use this procedure when you want to enable or disable specific fonts on a Font DIMM.

- 1 In the **Installed DIMMs** box, select the DIMM that contains the fonts you wish to enable or disable.
- 2 In the **Fonts on DIMM** box, select the font you wish to enable or disable.
- 3 Click the **Enable/Disable Font** button. **Note:** The button label will read “Enable Font” or “Disable Font” depending on the current status of the selected font.
- 4 Repeat steps 1 through 3 for each font you wish to enable or disable.
- 5 Click **OK** to save the changes.



### Common printing tasks

- [Accessing the printer driver](#)
- [Creating and using Quick Sets](#)
- [Printing on both sides of a sheet](#)
- [Using EconoMode](#)
- [Choosing print quality](#)
- [Choosing print quality details](#)
- [Using REt](#)
- [Creating and using watermarks](#)
- [ZoomSmart options](#)
- [Selecting paper by source](#)
- [Setting a custom paper size from the printer driver](#)
- [Printing on different paper for the first page of a print job](#)
- [Printing multiple pages on one sheet of paper](#)
- [Restoring default printer driver settings](#)

### **Printing on both sides of a sheet**

This feature allows you to print your document on both sides of a page by manually reinserting the paper. When using this option, the print job will pause, and you will be prompted to reinsert the paper.

Click here  to see which printer driver is set as your default.

- 1 Access the printer driver.
- 2 From the **Finishing** tab, click **Print on Both Sides**. The **Allow Manual Duplex** check box must be selected on the **Configure** tab to make the **Print on Both Sides** check box visible. Click **Flip Pages Up** if desired.
- 3 Click **OK**.

The printer is now set to print your document on both sides of a page.

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### **See also**

[Common printing tasks](#)

[Accessing the printer driver](#)

[Finishing tab](#)

### **Selecting paper by source**

If your application supports printing by paper source, make the selections from your application. Application settings override printer driver settings.

You can configure the printer to select paper by **Source** (such as Tray 1 or Tray 2).

#### **To select paper by source**

- 1 Access the printer driver.
- 2 From the **Paper** tab, select the desired source of paper.
- 3 Click **OK**.

The printer is now set to print your document from the source you selected.

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#### **See also**

[Common printing tasks](#)

[Accessing the printer driver](#)

[Paper tab](#)

## Using EconoMode

**EconoMode (Save Toner)** allows the printer to use less toner on each page. Selecting this option will extend the life of your toner cartridge and reduce your costs per page, but will reduce print quality.

Click here  to see which printer driver is set as your default.

### To enable or disable EconoMode

- 1 Access the printer driver.
- 2 From the **Finishing** tab, click **EconoMode (Save Toner)**.  
If the box is checked, EconoMode is enabled. If the box is empty, EconoMode is disabled.
- 3 Click **OK**.  
The printer is now set to use the EconoMode setting you have selected.

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### See also


[Common printing tasks](#)

[Accessing the printer driver](#)

[Finishing tab](#)

## Using REt

REt (Resolution Enhancement technology): **On** refines the print quality of characters by smoothing out jagged edges that can occur on the angles and curves of a printed image. Choose **Off** if graphics, particularly scanned images, are not printing clearly.

Click here  to see which printer driver is set as your default.

### To enable or disable REt

- 1 Access the printer driver.
- 2 From the **Finishing** tab, click **Details**.
- 3 In the **Print Quality Details** screen, select the desired REt option (On or Off).
- 4 Click **OK**.

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### See also

[Common printing tasks](#)

[Accessing the printer driver](#)

[Finishing tab](#)

