



LASERJET PRO 300 COLOR MFP  
LASERJET PRO 400 COLOR MFP

## User Guide



M375  
M475





HP LaserJet Pro 300 color MFP M375  
and HP LaserJet Pro 400 color MFP  
M475

User Guide

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## Conventions used in this guide

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 **TIP:** Tips provide helpful hints or shortcuts.

 **NOTE:** Notes provide important information to explain a concept or to complete a task.

 **CAUTION:** Cautions indicate procedures that you should follow to avoid losing data or damaging the product.

 **WARNING!** Warnings alert you to specific procedures that you should follow to avoid personal injury, catastrophic loss of data, or extensive damage to the product.

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# 1 Product basics

- [Product comparison](#)
- [Environmental features](#)
- [Serial number and model number location](#)
- [Control panel layout](#)

# Product comparison

		HP LaserJet Pro 300 color MFP M375nw	HP LaserJet Pro 400 color MFP M475dn	HP LaserJet Pro 400 color MFP M475dw
		CE903A	CE863A	CE864A
<b>Paper handling</b>	Tray 1 (50-sheet capacity)	✓	✓	✓
	Tray 2 (250-sheet capacity)	✓	✓	✓
	Optional Tray 3 (250-sheet capacity)	✓	✓	✓
	Standard output bin (150-sheet capacity)	✓	✓	✓
	Automatic duplex printing		✓	✓
<b>Supported operating systems</b>	Windows XP, 32-bit	✓	✓	✓
	Windows Vista, 32-bit and 64-bit	✓	✓	✓
	Windows 7, 32-bit and 64-bit	✓	✓	✓
	Mac OS X v10.5 and later	✓	✓	✓
<b>Connectivity</b>	Hi-speed USB 2.0	✓	✓	✓
	10/100 Ethernet LAN connection	✓	✓	✓
	Wireless network connection	✓		✓
	HP Smart Install for easy software installation (Windows only)	✓	✓	✓
<b>Memory</b>	192 MB RAM, expandable to 448 MB	✓	✓	✓
<b>Control-panel display</b>	Color graphical touch screen	✓	✓	✓

		HP LaserJet Pro 300 color MFP M375nw	HP LaserJet Pro 400 color MFP M475dn	HP LaserJet Pro 400 color MFP M475dw
		CE903A	CE863A	CE864A
<b>Print</b>	Prints 18 pages per minute (ppm) on A4-size paper and 19 ppm on Letter-size paper	✓		
	Prints 20 pages per minute (ppm) on A4-size paper and 21 ppm on Letter-size paper		✓	✓
	Walk-up USB printing (no computer required)	✓	✓	✓
<b>Copy</b>	Copies at up to 15 ppm in black and 11 ppm in color	✓	✓	✓
	Copy resolution is 300 dots per inch (dpi)	✓	✓	✓
	50-page document feeder that supports page sizes from 127 to 356 mm (5 to 14 in) in length and from 127 to 216 mm (5 to 8.5 in) in width	✓	✓	✓
	Flatbed scanner supports page sizes up to 297 mm (11.7 in) in length and up to 215 mm (8.5 in) in width	✓	✓	✓
	Automatic duplex copying		✓	✓
<b>Scan</b>	Scans in color or black with resolution up to 1200 dpi	✓	✓	✓
	Automatic duplex scanning		✓	✓
	Walk-up USB scanning (no computer required)	✓	✓	✓
<b>Fax</b>	V.34 with two RJ-11 fax ports	✓	✓	✓

# Environmental features

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Duplex printing	Save paper by using the manual duplex printing option. Automatic duplex printing is available with the HP LaserJet Pro 400 color MFP M475dn and HP LaserJet Pro 400 color MFP M475dw models.
Print multiple pages per sheet	Save paper by printing two or more pages of a document side-by-side on one sheet of paper. Access this feature through the printer driver.
Copies multiple pages per sheet	Save paper by copying two or four pages of an original document side-by-side on one sheet of paper.
Recycling	Reduce waste by using recycled paper.  Recycle print cartridges by using the HP Planet Partners return process.
Energy savings	Instant on Fusing technology and sleep mode enable this product to quickly go into reduced power states when not printing, thus saving energy.

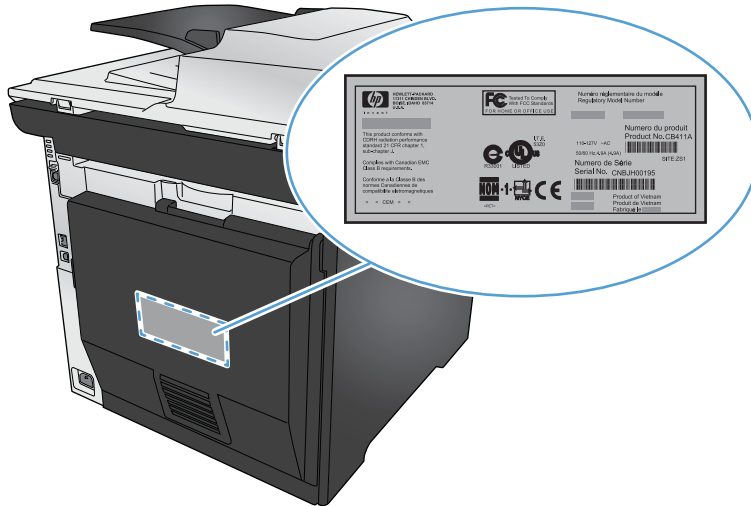
---



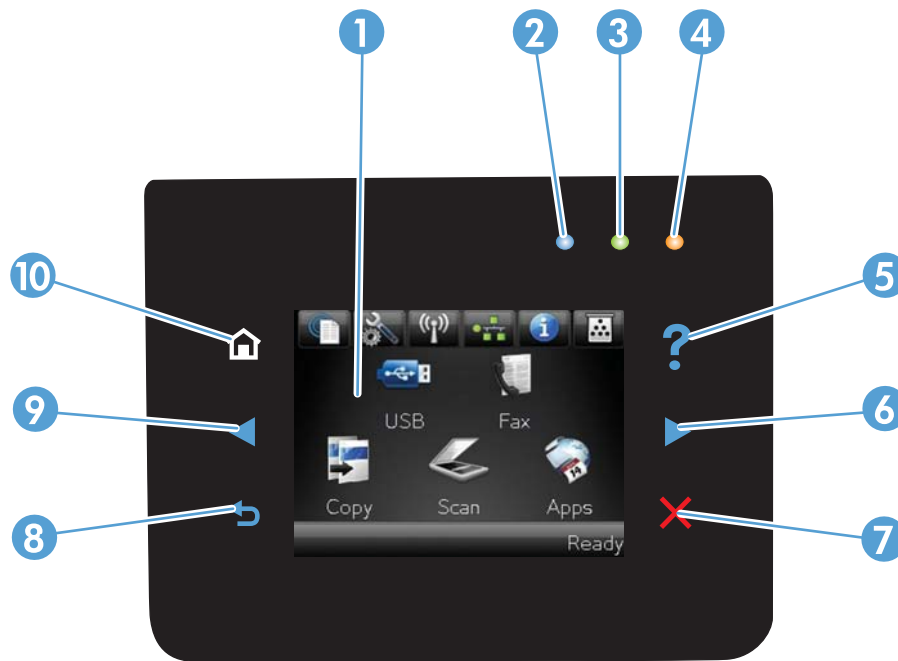
# Serial number and model number location

The serial number and product model number label is at the back of the product.

 **NOTE:** Another label is inside the front door.




# Control panel layout

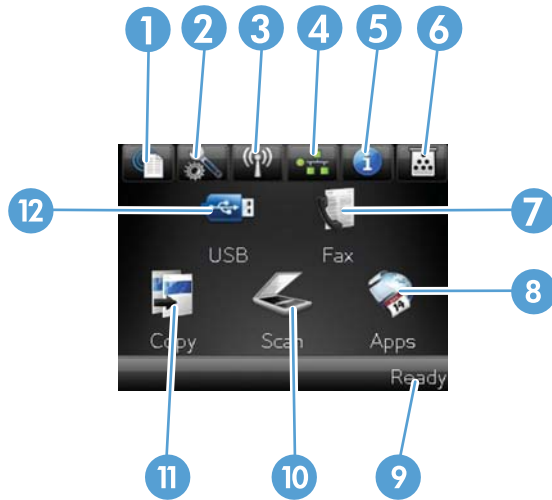







1		Touch screen display
2		Wireless light: indicates the wireless network is enabled. The light blinks while the product is establishing a connection to the wireless network. When connected, the light stops blinking and stays lit. <b>NOTE:</b> Wireless models only
3		Ready light: indicates the product is ready
4		Attention light: indicates a problem with the product
5	?	Help button and light: provides access to the control panel help system
6	▶	Right arrow button and light: moves the cursor to the right or moves the display image to the next screen <b>NOTE:</b> This button illuminates only when the current screen can use this feature.
7	✖	Cancel button and light: clears settings, cancels the current job or exits the current screen. <b>NOTE:</b> This button illuminates only when the current screen can use this feature.
8	↶	Back button and light: returns to the previous screen <b>NOTE:</b> This button illuminates only when the current screen can use this feature.
9	◀	Left arrow button and light: moves the cursor to the left <b>NOTE:</b> This button illuminates only when the current screen can use this feature.
10	🏠	Home button and light: provides access to the Home screen

## Buttons on the Home screen

The Home screen provides access to the product features, and it indicates the product status.

 **NOTE:** Depending on the product configuration, the features on the Home screen can vary. The layout might also be reversed for some languages.



- 1 Web Services button: provides quick access to HP Web Services features, including HP ePrint.  
HP ePrint is a tool that prints documents by using any e-mail enabled device to send them to the product's e-mail address.
- 2 Setup  button: provides access to the main menus
- 3 Network  button: provides access to network settings and information. From the network settings screen, you can print the [Network Summary](#) page.
- 4 Wireless  button: provides access to the Wireless menu and wireless status information.  
**NOTE:** Wireless models only  
**NOTE:** When you are connected to a wireless network, this icon changes to a set of signal strength bars.
- 5 Information  button: provides product status information. From the status summary screen, you can print the [Configuration Report](#) page.
- 6 Supplies  button: provides information about supplies status. From the supplies summary screen, you can print the [Supplies Status](#) page.
- 7 Fax button: provides access to the fax feature
- 8 Apps button: provides access to the [Apps](#) menu to print directly from select Web applications
- 9 Product status
- 10 Scan button: provides access to the scan feature
- 11 Copy button: provides access to the copy feature
- 12 USB button: provides access to the walk-up USB printing and scanning feature (no computer is required)

## Control panel help system

The product has a built-in Help system that explains how to use each screen. To open the Help system, touch the Help ? button in the upper-right corner of the screen.

For some screens, the Help opens to a global menu where you can search for specific topics. You can browse through the menu structure by touching the buttons in the menu.

Some Help screens include animations that guide you through procedures, such as clearing jams.

For screens that contain settings for individual jobs, the Help opens to a topic that explains the options for that screen.

If the product alerts you of an error or warning, touch the Help ? button to open a message that describes the problem. The message also contains instructions to help solve the problem.

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## 2 Control panel menus

- [Setup Menu](#)
- [Function specific menus](#)

# Setup Menu

To open this menu, touch the Setup  button. The following sub menus are available:

- [HP Web Services](#)
- [Reports](#)
- [Quick Forms](#)
- [Fax Setup](#)
- [System Setup](#)
- [Service](#)
- [Network Setup](#)

## HP Web Services menu

<b>Menu item</b>	<b>Description</b>
<a href="#">Enable Web Services</a>	<p>Enables HP Web Services so you can use HP ePrint and the <a href="#">Apps</a> menu.</p> <p>HP ePrint is a tool that prints documents by using any e-mail enabled device to send them to the product's e-mail address.</p> <p>Use the <a href="#">Apps</a> menu to print directly from select Web applications.</p>
<a href="#">Display E-Mail Address</a>	Select whether to display the product's IP address on the control panel.
<a href="#">Print Information Sheet</a>	Print a page that contains the e-mail address for the product as well as other information for HP Web Services.
<a href="#">Turn ePrint On/Off</a>	Turn HP ePrint on or off.
<a href="#">Turn Apps On/Off</a>	Turn the <a href="#">Apps</a> feature on or off.
<a href="#">Remove Web Services</a>	Remove HP Web Services from this product.

## Reports menu

Use the [Reports](#) menu to print reports that provide information about the product.

Menu item	Description
<a href="#">Demo Page</a>	Prints a page that demonstrates print quality
<a href="#">Menu Structure</a>	Prints a map of the control panel-menu layout. The active settings for each menu are listed.
<a href="#">Configuration Report</a>	Prints a list of all the product settings. Includes network information when the product is connected to a network.
<a href="#">Supplies Status</a>	Prints the status for each print cartridge, including the following information: <ul style="list-style-type: none"><li>• Estimated percentage of cartridge life remaining</li><li>• Approximate pages remaining</li><li>• Part numbers for HP print cartridges</li><li>• Number of pages printed</li><li>• Information about ordering new HP print cartridges and recycling used HP print cartridges</li></ul>
<a href="#">Network Summary</a>	Prints a list of all product network settings
<a href="#">Usage Page</a>	Prints a page that lists PCL pages, PCL 6 pages, PS pages, pages that were jammed or mispicked in the product, monochrome (black and white) or color pages; and reports the page count
<a href="#">PCL Font List</a>	Prints a list of all the PCL fonts that are installed.
<a href="#">PS Font List</a>	Prints a list of all the PostScript (PS) fonts that are installed
<a href="#">PCL6 Font List</a>	Prints a list of all the PCL6 fonts that are installed
<a href="#">Color Usage Log</a>	Prints a report that shows the user name, application name, and color usage information on a job-by-job basis
<a href="#">Service Page</a>	Prints the service report
<a href="#">Diagnostics Page</a>	Prints the calibration and color diagnostics pages
<a href="#">Print Quality Page</a>	Prints a page that helps solve problems with print quality



## Quick Forms menu

Menu item	Sub-menu item	Description
Notebook Paper	Narrow Rule	Prints pages that have preprinted lines
	Wide Rule	
	Child Rule	
Graph Paper	1/8 inch	Prints pages that have preprinted graph lines
	5 mm	
Checklist	1-Column	Prints pages that have preprinted lines with check boxes
	2-Column	
Music Paper	Portrait	Prints pages that have preprinted lines for writing music
	Landscape	

## Fax Setup menu

In the following table, items that have an asterisk (\*) indicate the factory default setting.

Menu item	Sub-menu item	Sub-menu item	Description
Fax Set-Up Utility			This is a tool for configuring the fax settings. Follow the on-screen prompts and select the appropriate response for each question.
Basic Setup	Time/Date	(Settings for time format, current time, date format, and current date.)	Sets the time and date setting for the product.
	Fax Header	Enter your fax number.  Enter company name.	Sets the identifying information that is sent to the receiving product.
	Answer Mode	Automatic*  Manual  TAM  Fax/Tel	<p>Sets the type of answer mode. The following options are available:</p> <ul style="list-style-type: none"> <li>• <b>Automatic:</b> The product automatically answers an incoming call on the configured number of rings.</li> <li>• <b>Manual:</b> The user must press the <b>Start Fax</b> button or use an extension phone to make the product answer the incoming call.</li> <li>• <b>TAM:</b> A telephone answering machine (TAM) is attached to the Aux phone port of the product. The product will not pick up any incoming call, but only listen for fax tones after the answering machine has picked up the call.</li> <li>• <b>Fax/Tel:</b> The product must automatically pick up the call and determine if the call is a voice or fax call. If the call is a fax call, the product handles the call as usual. If the call is a voice call, an audible synthesized ring is generated to alert the user of an incoming voice call.</li> </ul>
	Rings to Answer		Sets the number of rings that must occur before the fax modem answers. The default setting is 5.
	Distinctive Ring	All Rings*  Single  Double  Triple  Double and Triple	<p>If you have distinctive ring phone service, use this item to configure how the product responds to incoming calls.</p> <ul style="list-style-type: none"> <li>• <b>All Rings:</b> The product answers any calls that come through the telephone line.</li> <li>• <b>Single:</b> The product answers any calls that produce a single-ring pattern.</li> <li>• <b>Double:</b> The product answers any calls that produce a double-ring pattern.</li> <li>• <b>Triple:</b> The product answers any calls that produce a triple-ring pattern.</li> <li>• <b>Double and Triple:</b> The product answers any calls that produce a double-ring or triple-ring pattern.</li> </ul>

Menu item	Sub-menu item	Sub-menu item	Description
	Dial Prefix	On Off*	Specifies a prefix number that must be dialed when sending faxes from the product. If you turn this feature on, the product prompts you to enter the number and then it automatically includes that number every time you send a fax.
Advanced Setup	Fax Resolution	Standard Fine* Superfine Photo	Sets the resolution for sent documents. Higher resolution images have more dots per inch (dpi), so they show more detail. Lower resolution images have fewer dots per inch and show less detail, but the file size is smaller and the fax takes less time to transmit.
	Lighter/Darker		Sets the darkness of outgoing faxes.
	Fit to Page	On* Off	Shrinks incoming faxes that are larger than the paper size set for the tray.
	Glass Size	Letter A4	Sets the default paper size for documents being scanned from the flatbed scanner.
	Dialing Mode	Tone* Pulse	Sets whether the product should use tone or pulse dialing.
	Redial if Busy	On* Off	Sets whether the product should attempt to redial if the line is busy.
	Redial if No Answer	On Off*	Sets whether the product should attempt to redial if the recipient fax number does not answer.
	Redial if Comm. Error	On* Off	Sets whether the product should attempt to redial the recipient fax number if a communication error occurs.
	Detect Dial Tone	On Off*	Sets whether the product should check for a dial tone before sending a fax.
	Billing Codes	On Off*	Enables the use of billing codes when set to <b>On</b> . A prompt appears where you can enter the billing code for an outgoing fax.
	Extension Phone	On* Off	When this feature is enabled, you can press the <b>1-2-3</b> buttons on the extension phone to cause the product to answer an incoming fax call.
	Stamp Faxes	On Off*	Sets the product to print the date, time, sender's phone number, and page number on each page of incoming faxes.

Menu item	Sub-menu item	Sub-menu item	Description
	Private Receive	On Off*	Setting the <b>Private Receive</b> feature to <b>On</b> requires you to set a product password. After setting the password, the following options are set: <ul style="list-style-type: none"> <li>The <b>Private Receive</b> feature is turned on.</li> <li>All old faxes are deleted from memory.</li> <li>Fax forwarding is set to <b>Off</b> and is not allowed to be changed.</li> <li>All incoming faxes are stored in memory.</li> </ul>
	Confirm Fax Number	On Off*	Confirm a fax number by entering it a second time.
	Allow Fax Reprint	On* Off	Sets whether incoming faxes are stored in memory for reprinting later.
	Fax/Tel Ring Time	20* 30 40 70	Sets the time, in seconds, after which the product should stop sounding the <b>Fax/Tel</b> audible ring to notify the user of an incoming voice call.
	Print Duplex	On Off*	Sets duplex printing as the default for faxes. <b>NOTE:</b> This item is available only for duplex models.
	Fax Speed	Fast(V.34)* Medium(V.17) Slow(V.29)	Sets the allowed fax communication speed.

## System Setup menu

In the following table, items that have an asterisk (\*) indicate the factory default setting.

Menu item	Sub-menu item	Sub-menu item	Sub-menu item	Description
Language	(List of available control-panel display languages.)			Sets the language in which the control panel displays messages and product reports.
Paper Setup	Default Paper Size	Letter		Sets the size for printing internal reports, faxes, or any print job that does not specify a size.
		A4		
		Legal		
	Default Paper Type	Lists available paper types.		Sets the type for printing internal reports, faxes, or any print job that does not specify a type.
Tray 1	Paper Type	Paper Type		Select the default size and type for Tray 1 from the list of available sizes and types.
		Paper Size		
Tray 2	Paper Type	Paper Type		Select the default size and type for Tray 2 from the list of available sizes and types.
		Paper Size		
Paper Out Action	Wait forever*	Wait forever*		<p>Determines how the product reacts when a print job requires a paper size or type that is unavailable or when the tray is empty.</p> <ul style="list-style-type: none"> <li>• <b>Wait forever:</b> The product waits until you load the correct paper.</li> <li>• <b>Override:</b> Print on a different size paper after a specified delay.</li> <li>• <b>Cancel:</b> Automatically cancel the print job after a specified delay.</li> <li>• If you select either the <b>Override</b> or <b>Cancel</b> item, the control panel prompts you for the number of seconds to delay.</li> </ul>
		Cancel		
		Override		
Print Quality	Color Calibration	Calibrate Now		<p>Performs a full calibration.</p> <ul style="list-style-type: none"> <li>• <b>Calibrate Now:</b> Performs an immediate calibration.</li> <li>• <b>Power-On Calibration:</b> Specify the length of time the product should wait after you turn it on before it calibrates.</li> </ul>
		Power-On Calibration		
	Adjust Alignment	Print Test Page		Use this menu to shift the margin alignment to center the image on the page from top to bottom and from left to right. Before adjusting these values, print a test page. It provides alignment guides in the X and Y directions so you can determine which adjustments are necessary.

Menu item	Sub-menu item	Sub-menu item	Sub-menu item	Description
		Adjust Tray <X>	X1 Shift	Use the <b>X1 Shift</b> setting to center the image from side to side on a single-sided page or for the second side of a two-sided page.
			X2 Shift	
			Y Shift	
				Use the <b>X2 Shift</b> setting to center the image from side to side on the first side of a two-sided page.
				Use the <b>Y Shift</b> setting to center the image from top to bottom on the page.
Eco Settings	Sleep Delay	15 Minutes*		Sets how long the product remains idle before it enters Sleep mode. The product automatically exits Sleep mode when you send a print job or press a control panel button.  <b>NOTE:</b> The default <b>Sleep Delay</b> time is 15 minutes.
		30 Minutes		
		1 Hour		
		2 Hours		
		Off		
		1 Minute		
	Auto Power Down	Power Down Delay	30 Minutes*	Select the length of time after which the product automatically turns off.  <b>NOTE:</b> The default <b>Power Down Delay</b> time is 30 minutes.
			1 Hour	
			2 Hours	
			4 Hours	
			8 Hours	
			24 Hours	
			Never	
		Wake Events	USB Job	Select whether the product wakes when it receives each of these types of jobs or actions.  The default for each option is <b>Yes</b> .
			LAN Job	
			Wireless Job	
			Button Press	
Volume Settings	Alarm Volume			Set the volume levels for the product. The following options are available for each volume setting: <ul style="list-style-type: none"> <li>Off</li> <li>Soft</li> <li>Medium*</li> <li>Loud</li> </ul>
	Ring Volume			
	Key-Press Volume			
	Phone Line Volume			
Time/Date	(Settings for time format, current time, date format, and current date.)			Sets the time and date setting for the product.

Menu item	Sub-menu item	Sub-menu item	Sub-menu item	Description
Product Security	On			Sets the product-security feature. If you select the <b>On</b> setting, you must set a password.
	Off			
USB Flash Drive	On			Enable or disable printing directly from the USB port on the front of the product.
	Off			
Disable Fax	On			Enable or disable the Fax feature.
	Off			
Supply Settings	Black Cartridge	Very Low Setting	Prompt Continue* Stop	<p>Set how the product behaves when the black print cartridge reaches the very low threshold.</p> <ul style="list-style-type: none"> <li>• <b>Prompt:</b> The product stops printing and prompts you to replace the print cartridge. You can acknowledge the prompt and continue printing. A customer configurable option on this product is "Prompt to Remind Me in 50 pages, 100 pages, 200 pages, or never." This option is provided as a customer convenience and is not an indication these pages will have acceptable print quality.</li> <li>• <b>Continue:</b> The product alerts you that the print cartridge is very low, but it continues printing.</li> <li>• <b>Stop:</b> The product stops printing until you replace the print cartridge.</li> </ul>
		Low Threshold	Enter percentage	<p>Use the arrow buttons to increase or decrease the percentage of estimated life remaining at which the product alerts you that the print cartridge is low.</p> <p>For the black cartridge that ships with the product, the default is 24%. For the standard replacement black print cartridge, the default is 13%. For the high-capacity replacement black print cartridge, the default is 7%.</p> <p>The default values are intended to provide approximately two weeks of use before the cartridge reaches the very low state.</p>

Menu item	Sub-menu item	Sub-menu item	Sub-menu item	Description
	Color Cartridges	Very Low Setting	Stop	<p>Set how the product behaves when the one of the color print cartridges reaches the very low threshold.</p> <ul style="list-style-type: none"> <li>• <b>Prompt:</b> The product stops printing and prompts you to replace the print cartridge. You can acknowledge the prompt and continue printing. A customer configurable option on this product is "Prompt to Remind Me in 50 pages, 100 pages, 200 pages, or never." This option is provided as a customer convenience and is not an indication these pages will have acceptable print quality.</li> <li>• <b>Continue:</b> The product alerts you that the print cartridge is very low, but it continues printing.</li> <li>• <b>Print Black:</b> When configured this way, the product alerts you that the print cartridge is very low, but it continues printing in black only. To configure the product to print in color and use the remaining toner in the print cartridge past very low, select the <b>Continue</b> option instead.</li> </ul> <p>When you choose to replace the very low print cartridge, color printing resumes automatically.</p> <ul style="list-style-type: none"> <li>• <b>Stop:</b> The product stops printing until you replace the print cartridge.</li> </ul>
			Prompt	
			Continue	
			Print Black*	
		Low Threshold	Cyan	Enter percentage
			Magenta	<p>Use the arrow buttons to increase or decrease the percentage of estimated life remaining at which the product alerts you that the print cartridge is low.</p> <p>For the color print cartridges that ship with the product, the default is 16%. For the replacement color print cartridges, the default is 7%.</p> <p>The default values are intended to provide approximately two weeks of use before the cartridge reaches the very low state.</p>
			Yellow	



Menu item	Sub-menu item	Sub-menu item	Sub-menu item	Description
	Store Usage Data	On Supply*		<p>The product automatically stores print-cartridge usage data in its internal memory. It can also store this data on memory chips in the print cartridges. Select the <b>Not on Supply</b> option to store the data only in the product memory.</p> <p>The information stored on the print cartridge memory chip helps HP design future products to meet our customers' printing needs. HP collects a sampling of memory chips from print cartridges returned to HP's free return and recycling program. The memory chips from this sampling are read and studied in order to improve future HP products.</p> <p>The data collected from the print cartridge memory chip does not contain information that can be used to identify a customer or user of the print cartridge or their product.</p>
		Not on Supply		
Courier Font	Regular			Sets Courier font values.
	Dark			
Color Copy	On			Enables or disables color copying.
	Off			

## Service menu

In the following table, items that have an asterisk (\*) indicate the factory default setting.

Menu item	Sub-menu item	Sub-menu item	Description	
Fax Service	Clear Saved Faxes		Clears all faxes in memory.	
	Run Fax Test		Performs a fax test to verify that the phone cord is plugged in the correct outlet and that there is a signal on the phone line. A fax test report is printed indicating the results.	
	Print T.30 Trace	Now		Prints or schedules a report that is used to troubleshoot fax transmission issues.
		Never*		
		If Error		
At End of Call				
Error Correction	On*		The error correction mode allows the sending device to re-transmit data if it detects an error signal.	
	Off			
	Fax Service Log		The fax service log prints out the last 40 entries in the fax log.	
Cleaning Page			<p>Cleans the product when specks or other marks appear on printed output. The cleaning process removes dust and excess toner from the paper path.</p> <p>When selected, the product prompts you to load plain Letter or A4 paper in Tray 1. Touch the <b>OK</b> button to begin the cleaning process. Wait until the process completes. Discard the page that prints.</p>	
USB Speed	High*		Sets the USB speed for the USB connection to the computer. For the product to actually operate at high speed, it must have high speed enabled and be connected to an EHCI host controller that is also operating at high speed. This menu item also does not reflect the current operating speed of the product.	
	Full			
Less Paper Curl	On		When printed pages are consistently curled, this option sets the product to a mode that reduces curl.	
	Off*			
Archive Print	On		When printing pages that will be stored for a long time, this option sets the product to a mode that reduces toner smearing and dusting.	
	Off*			
Firmware Datecode			Displays the current firmware datecode	
Restore Defaults			Sets all settings to the factory default values	
HP Smart Install	On*		Enable or disable the HP Smart Install tool.	
	Off		Disable the tool if you want to connect to a network by using an Ethernet cable.	

## Network Setup menu

In the following table, items that have an asterisk (\*) indicate the factory default setting.

Menu item	Sub-menu item	Description
Wireless Menu	Wireless Setup Wizard	Guides you through the steps to set up the product on a wireless network
	Wi-Fi Protected Setup	If your wireless router supports this feature, use this method to set up the product on a wireless network. This is the simplest method.
	Run Network Test	Tests the wireless network and prints a report with the results.
	Turn Wireless On/Off	Enables or disables the wireless network feature.
TCP/IP Config	Automatic*	<b>Automatic:</b> The product automatically configures all the TCP/IP settings via DHCP, BootP or AutoIP.
	Manual	<b>Manual:</b> You can manually configure the IP address, subnet mask, and default gateway. The control panel prompts you to specify values for each address section. As each address is completed, the product prompts for address confirmation before moving to the next one. After all three addresses are set, the network reinitializes.
Auto Crossover	On*	Enables or disables the use of a standard 10/100 network cable when the product is directly connected to a coomputer.
	Off	
Network Services	IPv4	Enable or disable the IPv4 and IPv6 protocols. By default, each protocol is enabled.
	IPv6	
Link Speed	Automatic*	Sets the link speed manually if needed.
	10T Full	After setting the link speed, the product automatically restarts.
	10T Half	
	100TX Full	
	100TX Half	
Restore Defaults		Resets all network configurations to their factory defaults.

# Function specific menus

The product features function-specific menus for copying, faxing, and scanning. To open these menus, touch the button for that function on the control panel.

## Copy menu

To open this menu, touch the [Copy](#) button, and then touch the [Settings...](#) button.



**NOTE:** Settings that you change with this menu expire 2 minutes after the last copy completes.

Menu item	Sub-menu item	Sub-menu item	Description
ID Copy			Copies both sides of identification cards, or other small-size documents, onto the same side of one sheet of paper.
<b>NOTE:</b> This item is available from the main <a href="#">Copy</a> screen. You do not need to touch the <a href="#">Settings...</a> button to access it.			
Number of Copies	(1–99)		Specifies the number of copies
Reduce/Enlarge	Original=100%*		Specifies the size of the copy.
	Legal to Letter=78%		
	Legal to A4=83%		
	A4 to Letter=94%		
	Letter to A4=97%		
	Full Page=91%		
	Fit to Page		
	2 Pages per Sheet		
	4 Pages per Sheet		
	Custom: 25 to 400%		
Lighter/Darker			Specifies the contrast of the copy.
Optimize	Describe Original	Auto Select*	Specifies the type of content in the original document, so the copy is the best match for the original.
		Mixed	
		Text	
		Picture	
Paper	Paper Size		Specifies the paper size and type for copies.
	Paper Type		

Menu item	Sub-menu item	Sub-menu item	Description
Multi-Page Copy	Off*		When this feature is on, the product prompts you to load another page onto the scanner glass or to indicate that the job is complete.
	On		
Collation	On*		Specifies whether to collate copy jobs
	Off		
Tray Select	Auto Select*		Specifies which tray to use for copies.
	Tray 1		
	Tray 2		
Two Sided	1-Sided to 1-Sided*		Specifies the duplex setting for copies.  <b>NOTE:</b> This item is available for duplex models only.
	1-Sided to 2-Sided		
	2-Sided to 1-Sided		
	2-Sided to 2-Sided		
Draft Mode	Off*		Specifies whether to use draft-quality printing for copies
	On		
Image Adjustment	Lightness		Adjusts the image quality settings for copies
	Contrast		
	Sharpen		
	Background Removal		
	Color Balance		
	Grayness		
Set as New Defaults			Saves any changes you have made to this menu as the new defaults
Restore Defaults			Restores the factory defaults for this menu

## Fax menu

To open this menu, touch the [Fax](#) button, and then touch the [Fax Menu](#) button.

Menu item	Sub-menu item	Sub-menu item	Description
Fax Reports	Fax Confirmation	On Every Fax	Sets whether the product prints a confirmation report after a successful fax job.
		On Send Fax Only	
		On Receive Fax Only	
		Never*	
	Include First Page	On* Off	Sets whether the product includes a thumbnail image of the first page of the fax on the report.
	Fax Error Report	On Every Error* On Send Error On Receive Error Never	Sets whether the product prints a report after a failed fax job.
	Print Last Call Report		Prints a detailed report of the last fax operation, either sent or received.
	Fax Activity Log	Print Log Now Auto Log Print	<b>Print Log Now:</b> Prints a list of the faxes that have been sent from or received by this product.  <b>Auto Log Print:</b> Automatically prints a report after every fax job.
	Print Phone Book		Prints a list of the speed dials that have been set up for this product.
	Print Junk Fax list		Prints a list of phone numbers that are blocked from sending faxes to this product.
	Print Billing Report		Prints a list of billing codes that have been used for outgoing faxes. This report shows how many sent faxes were billed to each code. This menu item appears only when the billing codes feature is turned on.
	Print All fax Reports		Prints all fax-related reports.
Send Options	Send Fax Later		Allows a fax to be sent at a later time and date.
	Broadcast Fax		Sends a fax to multiple recipients.

Menu item	Sub-menu item	Sub-menu item	Description
	Fax Job Status		Displays pending fax jobs, and allows you to cancel pending fax jobs.
	Fax Resolution	Standard Fine Superfine Photo	Sets the resolution for sent documents. Higher resolution images have more dots per inch (dpi), so they show more detail. Lower resolution images have fewer dots per inch and show less detail, but the file size is smaller.
Receive Options	Print Private Faxes		Prints stored faxes when the private-receive feature is on. This menu item appears only when the private-receive feature is turned on. The product prompts you for the system password.
	Block Junk Faxes	Add Number Delete Number Delete All Numbers Print Junk Fax list	Modifies the junk fax list. The junk fax list can contain up to 30 numbers. When the product receives a call from one of the junk fax numbers, it deletes the incoming fax. It also logs the junk fax in the activity log along with job-accounting information.
	Reprint Faxes		Prints the received faxes stored in available memory. This item is available only if you have turned on the <a href="#">Allow Fax Reprint</a> feature in the <a href="#">Fax Setup</a> menu.
	Forward Fax	On Off*	Sets product to send all received faxes to another fax machine.
	Polling Receive		Allows the product to call another fax machine that has polling send enabled.
Phone Book Setup	Individual Setup		Edits the fax phone book speed dials and group-dial entries. The product supports up to 120 phone book entries, which can be either individual or group entries.
	Group Setup		
	Delete Entry	Deletes a specific phone book entry.	
	Delete All Entries	Deletes all entries in the phone book	

Menu item	Sub-menu item	Sub-menu item	Description
	Print Report Now		Prints a list of all the individual and group dial entries in the phone book.
Change Defaults			Opens the <a href="#">Fax Setup</a> menu.

## Scan menu

Menu item	Sub-menu item	Sub-menu item	Description
Scan to USB Drive	Scan File Type	JPEG PDF	Scans a document and stores it as a .PDF file or .JPEG image on the USB flash drive.
	Scan Resolution	75 dpi 150 dpi 300 dpi	Specifies the resolution to use for the scanned image  Scan quality increases with higher resolution, but the file size also increases.
	Scan Paper Size	Letter Legal A4	Specifies the size of the page to use for the scanned file
	Scan Source	Document Feeder Flatbed Scanner	Specifies whether the scanned page is in the document feeder or on the scanner glass
	Set as New Defaults		Saves any changes you have made to this menu as the new defaults

## USB Flash Drive menu

Menu item	Description
Print Documents	Prints documents stored on the USB drive. Use the arrow buttons to scroll through the documents. Touch the names of documents that you want to print.  Touch the summary screen to change settings such as the number of copies, the paper size, or the paper type.  Touch the <a href="#">Print</a> button when you are ready to print the documents.



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<b>Menu item</b>	<b>Description</b>
View and Print Photos	Previews photos on the USB drive. Use the arrow buttons to scroll through the photos. Touch the preview image for each photo that you want to print. You can adjust the settings, and you can save the changes as the new default settings. When you are ready to print the photos, touch the <a href="#">Print</a> button.
Scan to USB Drive	Scans a document and stores it as a .PDF file or .JPEG image on the USB flash drive.

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## 3 Connect the product

- [Connect to a network](#)

# Connect to a network

## Supported network protocols

To connect a networking-equipped product to a network, you need a network that uses one or more of the following protocols.

- TCP/IP (IPv4 or IPv6)
- LPD Printing
- Bonjour
- SLP
- WS-Discovery

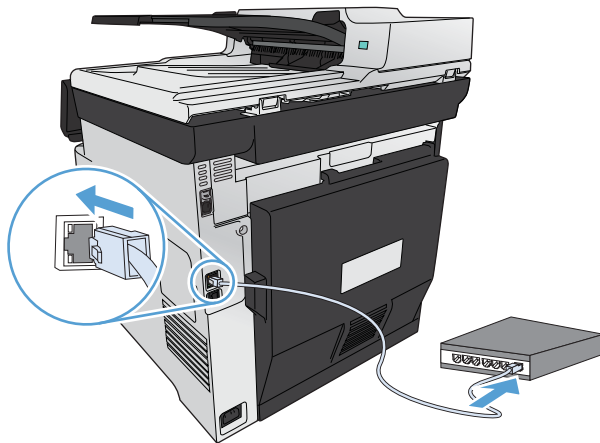
## Install the product on a wired network




**NOTE:** Use this procedure if you are not using the HP Smart Install.

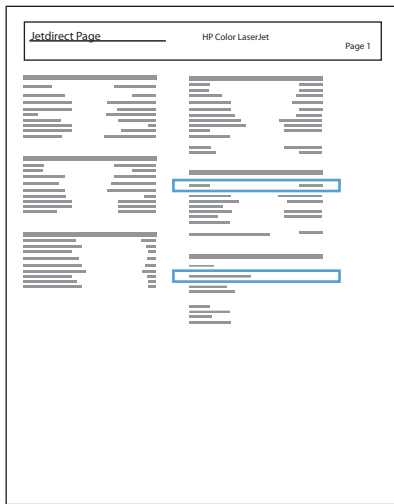
### Obtain the IP address

1. Connect the network cable to the product and to the network. Turn the product on.



2. Wait for 60 seconds before continuing. During this time, the network recognizes the product and assigns an IP address or host name for the product.
3. At the product control panel, press the Setup  button.
4. Touch the [Reports](#) menu, and then touch the [Configuration Report](#) button to print the configuration report.


5. Find the IP address on the configuration report.



## Install the software

1. Quit all programs on the computer.
2. Install the software from the CD.
3. Follow the onscreen instructions.
4. When prompted, select the **Connect through a wired network** option, and then click the **Next** button.
5. From the list of available printers, select the printer that has the correct IP address.
6. Click the **Finish** button.
7. On the **More Options** screen, you can install more software, or click the **Finish** button.
8. Print a page from any program to make sure that the printing software is correctly installed.

## Install the product on a wireless network (wireless models only)

 **NOTE:** Use this procedure if you are not using the HP Smart Install.


Before installing the product software, make sure the product is not connected to the network using a network cable.

If your wireless router does not support Wi-Fi Protected Setup (WPS), obtain the wireless router network settings from your system administrator, or complete the following tasks:

- Obtain the wireless network name or service set identifier (SSID).
- Determine the security password or encryption key for the wireless network.

## Connect the product to a wireless network using WPS

If your wireless router supports Wi-Fi Protected Setup (WPS), this is the simplest way to set up the product on a wireless network.


1. From the Home screen on the product control panel, touch the Wireless  button.
2. Touch the [Wireless Menu](#) button, and then touch the [Wi-Fi Protected Setup](#) button.
3. Use one of these methods to complete the setup:
  - **Pushbutton:** Select the [Pushbutton](#) option and follow the instructions on the control panel. Establishing the wireless connection can take a few minutes.
  - **PIN:** Select the [Generate PIN](#) option and follow the instructions on the control panel. The product generates a unique PIN, which you must type into the wireless router's setup screen. Establishing the wireless connection can take a few minutes.



**NOTE:** If this method is not successful, try using the Wireless Setup Wizard on the product control panel or try using the USB cable connection method.

## Connect the product to a wireless network using the Wireless Setup Wizard

If your wireless router does not support WiFi-Protected Setup (WPS), you can use this method to install the product on a wireless network.

1. From the Home screen on the product control panel, touch the Wireless  button.
2. Touch the [Wireless Menu](#) button, and then touch the [Wireless Setup Wizard](#) button.
3. The product scans for available wireless networks and returns a list of network names (SSIDs). Select the SSID for your wireless router from the list if it is available. If the SSID for your wireless router is not in the list, touch the [Enter SSID](#) button. When prompted for the type of network security, select the option that your wireless router uses. A keypad opens on the control panel display.
4. If your wireless router uses WPA security, type the passphrase on the keypad.  
If your wireless router uses WEP security, type the key on the keypad.
5. Touch the [OK](#) button, and wait while the product establishes a connection with the wireless router. Establishing the wireless connection can take a few minutes.

## Connect the product to a wireless network using a USB cable

If your wireless router does not support WiFi-Protected Setup (WPS), use this method to set up the product on a wireless network. Using a USB cable to transfer settings makes setting up a wireless

connection easier. After the setup is complete, you can disconnect the USB cable and use the wireless connection.

1. Insert the software CD into the computer CD tray.
2. Follow the on-screen instructions. When prompted, select the **Connect through a wireless network** option. Connect the USB cable to the product when prompted.

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 **CAUTION:** Do not connect the USB cable until the installation program prompts you.

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3. When the installation is complete, print a configuration page to make sure that the product has a SSID name.
4. When installation is complete, disconnect the USB cable.


## Install the software for a wireless product currently on the network

If the product already has an IP address on a wireless network and you want to install product software on a computer, complete the following steps.

1. From the product control panel, print a configuration page to obtain the product IP address.
2. Install the software from the CD.
3. Follow the on-screen instructions.
4. When prompted, select the **Connect through a wireless network** option, and then click the **Next** button.
5. From the list of available printers, select the printer that has the correct IP address.

## Disconnect from the wireless network

If you want to disconnect the product from a wireless network, you can turn off the wireless functionality in the product.

1. At the product control panel, touch the Wireless  button, and then touch the [Wireless Menu](#) button.
2. Touch the [Turn Wireless On/Off](#) button, and then touch the [Off](#) button.
3. To confirm that the wireless unit is turned off, print a [Network Summary](#) page from the [Reports](#) menu, and then verify that it lists the wireless feature as disabled.

## Reduce interference on a wireless network

The following tips can reduce interference in a wireless network:

- Keep the wireless devices away from large metal objects, such as filing cabinets, and other electromagnetic devices, such as microwaves and cordless telephones. These objects can disrupt radio signals.
- Keep the wireless devices away from large masonry structures and other building structures. These objects can absorb radio waves and lower signal strength.
- Position the wireless router in a central location in line of sight with the wireless products on the network.

## Configure IP network settings

### View or change network settings

Use the embedded Web server to view or change IP configuration settings.

1. Print a configuration page, and locate the IP address.
  - If you are using IPv4, the IP address contains only digits. It has this format:  
`xxx.xxx.xxx.xxx`
  - If you are using IPv6, the IP address is a hexadecimal combination of characters and digits. It has a format similar to this:  
`xxxx::xxxx:xxxx:xxxx:xxxx`
2. To open the HP Embedded Web Server, type the IP address (IPv4) into the address line of a Web browser. For IPv6, use the protocol established by the Web browser for entering IPv6 addresses.
3. Click the **Networking** tab to obtain network information. You can change settings as needed.

## Set or change the product password

Use the HP Embedded Web Server to set a password or change an existing password for a product on a network.

1. Type the product IP address into the address line of a Web browser. Click the **Networking** tab, and click the **Security** link.




**NOTE:** If a password has previously been set, you are prompted to type the password. Type the password, and then click the **Apply** button.

2. Type the new password in the **New Password** box and in the **Verify password** box.
3. At the bottom of the window, click the **Apply** button to save the password.




## Manually configure IPv4 TCP/IP parameters from the control panel


Use the control-panel menus to manually set an IPv4 address, subnet mask, and default gateway.

1. Touch the Setup  button.
2. Scroll to and touch the **Network Setup** menu.
3. Touch the **TCP/IP Config** menu, and then touch the **Manual** button.
4. Use the numeric keypad to enter the IP address, and touch the **OK** button. Touch the **Yes** button to confirm.
5. Use the numeric keypad to enter the subnet mask, and touch the **OK** button. Touch the **Yes** button to confirm.
6. Use the numeric keypad to enter the default gateway, and touch the **OK** button. Touch the **Yes** button to confirm.


## Link speed and duplex settings

 **NOTE:** This information applies only to Ethernet networks. It does not apply to wireless networks.

The link speed and communication mode of the print server must match the network hub. For most situations, leave the product in automatic mode. Incorrect changes to the link speed and duplex settings might prevent the product from communicating with other network devices. If you need to make changes, use the product control panel.

 **NOTE:** The setting must match with the network product to which you are connecting (a network hub, switch, gateway, router, or computer).

**NOTE:** Making changes to these settings causes the product to turn off and then on. Make changes only when the product is idle.

1. Touch the Setup  button.
2. Scroll to and touch the [Network Setup](#) menu.
3. Touch the [Link Speed](#) menu.
4. Select one of the following options.

Setting	Description
<a href="#">Automatic</a>	The print server automatically configures itself for the highest link speed and communication mode allowed on the network.
<a href="#">10T Half</a>	10 megabytes per second (Mbps), half-duplex operation
<a href="#">10T Full</a>	10 Mbps, full-duplex operation
<a href="#">100TX Half</a>	100 Mbps, half-duplex operation
<a href="#">100TX Full</a>	100 Mbps, full-duplex operation

5. Touch the [OK](#) button. The product turns off and then on.

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# 4 Paper and print media

- [Understand paper use](#)
- [Change the printer driver to match the paper type and size in Windows](#)
- [Supported paper sizes](#)
- [Supported paper types and tray capacity](#)
- [Load paper trays](#)
- [Configure trays](#)

## Understand paper use

This product supports a variety of paper and other print media. Paper or print media that does not meet the following guidelines might cause poor print quality, increased jams, and premature wear on the product.

It is possible for paper to meet all of these guidelines and still not produce satisfactory results. This might be the result of improper handling, unacceptable temperature and/or humidity levels, or other variables over which Hewlett-Packard has no control.

**⚠ CAUTION:** Using paper or print media that does not meet Hewlett-Packard's specifications might cause problems for the product, requiring repair. This repair is not covered by the Hewlett-Packard warranty or service agreements.

- For best results, use only HP-brand paper and print media designed for laser printers or multiuse.
- Do not use paper or print media made for inkjet printers.

**⚠ CAUTION:** HP LaserJet products use fusers to bond dry toner particles to the paper in very precise dots. HP laser paper is designed to withstand this extreme heat. Using inkjet paper could damage the product.

- Hewlett-Packard Company cannot recommend the use of other brands of media because HP cannot control their quality.

Use the following guidelines to obtain satisfactory results when using special paper or print media. Set the paper type and size in the printer driver to obtain the best results.


Media type	Do	Do not
Envelopes	<ul style="list-style-type: none"><li>• Store envelopes flat.</li><li>• Use envelopes where the seam extends all the way to the corner of the envelope.</li><li>• Use peel-off adhesive strips that are approved for use in laser printers.</li></ul>	<ul style="list-style-type: none"><li>• Do not use envelopes that are wrinkled, nicked, stuck together, or otherwise damaged.</li><li>• Do not use envelopes that have clasps, snaps, windows, or coated linings.</li><li>• Do not use self-stick adhesives or other synthetic materials.</li></ul>
Labels	<ul style="list-style-type: none"><li>• Use only labels that have no exposed backing between them.</li><li>• Use labels that lie flat.</li><li>• Use only full sheets of labels.</li></ul>	<ul style="list-style-type: none"><li>• Do not use labels that have wrinkles or bubbles, or are damaged.</li><li>• Do not print partial sheets of labels.</li></ul>
Transparencies	<ul style="list-style-type: none"><li>• Use only transparencies that are approved for use in color laser printers.</li><li>• Place transparencies on a flat surface after removing them from the product.</li></ul>	<ul style="list-style-type: none"><li>• Do not use transparent print media not approved for laser printers.</li></ul>

<b>Media type</b>	<b>Do</b>	<b>Do not</b>
Letterhead or preprinted forms	<ul style="list-style-type: none"> <li>• Use only letterhead or forms approved for use in laser printers.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not use raised or metallic letterhead.</li> </ul>
Heavy paper	<ul style="list-style-type: none"> <li>• Use only heavy paper that is approved for use in laser printers and meets the weight specifications for this product.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not use paper that is heavier than the recommended media specification for this product unless it is HP paper that has been approved for use in this product.</li> </ul>
Glossy or coated paper	<ul style="list-style-type: none"> <li>• Use only glossy or coated paper that is approved for use in laser printers.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not use glossy or coated paper designed for use in inkjet products.</li> </ul>

## Change the printer driver to match the paper type and size in Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.
3. Click the **Paper/Quality** tab.
4. Select a size from the **Paper size** drop-down list.
5. Select a paper type from the **Paper type** drop-down list.
6. Click the **OK** button.

# Supported paper sizes

 **NOTE:** To obtain best print results, select the appropriate paper size and type in the print driver before printing.

**Table 4-1 Supported paper sizes**

Size	Dimensions	Tray 1	Trays 2 and 3
Letter	216 x 279 mm (8.5 x 11 inches)	✓	✓
Legal	216 x 356 mm (8.5 x 14 inches)	✓	✓
A4	210 x 297 mm (8.27 x 11.69 inches)	✓	✓
Executive	184 x 267 mm (7.24 x 10.51 inches)	✓	✓
A3	297 x 420 mm (11.69 x 16.54 inches)		
A5	148 x 210 mm (5.83 x 8.27 inches)	✓	✓
A6	105 x 148 mm (4.13 x 5.83 inches)	✓	✓
B5 (JIS)	182 x 257 mm (7.17 x 10.12 inches)	✓	✓
16k	197 x 273 mm (7.75 x 10.75 inches)	✓	
16k	195 x 270 mm (7.7 x 10.6 inches)	✓	
16k	184 x 260 mm (7.25 x 10.25 inches)	✓	✓
8.5 x 13	216 x 330 mm (8.5 x 13 inches)	✓	✓
4 x 6 <sup>1</sup>	107 x 152 mm (4 x 6 inches)	✓	✓
5 x 8 <sup>1</sup>	127 x 203 mm (5 x 8 inches)	✓	✓
10 x 15 cm <sup>1</sup>	100 x 150 mm (3.9 x 5.9 inches)	✓	✓
Custom	<b>Tray 1:</b> Minimum—76 x 127 mm (3 x 5 inches); Maximum—216 x 356 mm (8.5 x 14 inches)	✓	
	<b>Trays 2 and 3:</b> Minimum—100 x 148 mm (3.9 x 5.83 inches); Maximum—216 x 356 mm (8.5 x 14 inches)		✓

<sup>1</sup> These sizes are supported as custom sizes.

**Table 4-2 Supported envelopes and postcards**

Size	Dimensions	Tray 1	Trays 2 and 3
Envelope #10	105 x 241 mm (4.13 x 9.49 inches)	✓	✓

**Table 4-2 Supported envelopes and postcards (continued)**

<b>Size</b>	<b>Dimensions</b>	<b>Tray 1</b>	<b>Trays 2 and 3</b>
Envelope DL	110 x 220 mm (4.33 x 8.66 inches)	✓	✓
Envelope C5	162 x 229 mm (6.93 x 9.84 inches)	✓	✓
Envelope B5	176 x 250 mm (6.7 x 9.8 inches)	✓	✓
Envelope Monarch	98 x 191 mm (3.9 x 7.5 inches)	✓	✓
Postcard	100 x 148 mm (3.94 x 5.83 inches)	✓	✓
Double postcard	148 x 200 mm (5.83 x 7.87 inches)	✓	✓



# Supported paper types and tray capacity

**Table 4-3 Tray 1**

Media type	Weight	Capacity <sup>1</sup>	Paper orientation
Every day: <ul style="list-style-type: none"> <li>• Plain</li> <li>• Light</li> <li>• Bond</li> <li>• Recycled</li> </ul>	60 to 90 g/m <sup>2</sup> (16 to 24 lb)	Up to 50 sheets	Side to be printed on face-up, with the top edge at the back of the tray
Presentation: <ul style="list-style-type: none"> <li>• Matte paper, mid-weight to heavy</li> <li>• Glossy paper, mid-weight to heavy</li> </ul>	Up to 176 g/m <sup>2</sup> (47 lb) <sup>2</sup>	Up to 5 mm (0.2 inches) stack height	Side to be printed on face-up, with the top edge at the back of the tray
Brochure: <ul style="list-style-type: none"> <li>• Matte paper, mid-weight to heavy</li> <li>• Glossy paper, mid-weight to heavy</li> </ul>	Up to 176 g/m <sup>2</sup> (47 lb) <sup>2</sup>	Up to 5 mm (0.2 inches) stack height	Side to be printed on face-up, with the top edge at the back of the tray
Photo/cover <ul style="list-style-type: none"> <li>• Matte cover paper</li> <li>• Glossy cover paper</li> <li>• Matte photo paper</li> <li>• Glossy photo paper</li> <li>• Cardstock</li> </ul>	Up to 176 g/m <sup>2</sup> (47 lb) <sup>2</sup>	Up to 5 mm (0.2 inches) stack height	Side to be printed on face-up, with the top edge at the back of the tray

**Table 4-3 Tray 1 (continued)**

Media type	Weight	Capacity <sup>1</sup>	Paper orientation
Other:		Up to 50 sheets, or 10 envelopes	Side to be printed on face-up, with the top edge at the back of the tray or the stamp-end at the back of the tray
<ul style="list-style-type: none"> <li>• Color laser transparency</li> <li>• Labels</li> <li>• Letterhead, envelope</li> <li>• Heavy envelope</li> <li>• Preprinted</li> <li>• Prepunched</li> <li>• Colored</li> <li>• Rough</li> <li>• Tough</li> </ul>			

<sup>1</sup> Capacity can vary depending on paper weight and thickness, and environmental conditions.

<sup>2</sup> The product supports up to 220 g/m<sup>2</sup> (59 lb) for glossy and glossy photo paper.

**Table 4-4 Tray 2 and Tray 3**

Media type	Weight	Capacity <sup>1</sup>	Paper orientation
Every day:	60 to 90 g/m <sup>2</sup> (16 to 24 lb)	Up to 250 sheets	Side to be printed on face-up, with the top edge at the back of the tray
<ul style="list-style-type: none"> <li>• Plain</li> <li>• Light</li> <li>• Bond</li> <li>• Recycled</li> </ul>			
Presentation:	Up to 176 g/m <sup>2</sup> (47 lb) <sup>2</sup>	Up to 12.5 mm (0.5 inches) stack height	Side to be printed on face-up, with the top edge at the back of the tray
<ul style="list-style-type: none"> <li>• Matte paper, mid-weight to heavy</li> <li>• Glossy paper, mid-weight to heavy</li> </ul>			
Brochure:	Up to 220 g/m <sup>2</sup> (59 lb) <sup>2</sup>	Up to 12.5 mm (0.5 inches) stack height	Side to be printed on face-up, with the top edge at the back of the tray
<ul style="list-style-type: none"> <li>• Matte paper, mid-weight to heavy</li> <li>• Glossy paper, mid-weight to heavy</li> </ul>			

**Table 4-4 Tray 2 and Tray 3 (continued)**

<b>Media type</b>	<b>Weight</b>	<b>Capacity<sup>1</sup></b>	<b>Paper orientation</b>
Photo/cover <ul style="list-style-type: none"><li>• Matte cover paper</li><li>• Glossy cover paper</li><li>• Matte photo paper</li><li>• Glossy photo paper</li><li>• Cardstock</li></ul>	Up to 220 g/m <sup>2</sup> (59 lb) <sup>2</sup>	Up to 12.5 mm (0.5 inches) stack height	Side to be printed on face-up, with the top edge at the back of the tray
Other: <ul style="list-style-type: none"><li>• Color laser transparency</li><li>• Labels</li><li>• Letterhead, envelope</li><li>• Heavy envelope</li><li>• Preprinted</li><li>• Prepunched</li><li>• Colored</li><li>• Rough</li><li>• Tough</li></ul>		Up to 50 sheets, or 10 envelopes	Side to be printed on face-up, with the top edge at the back of the tray or the stamp-end at the back of the tray

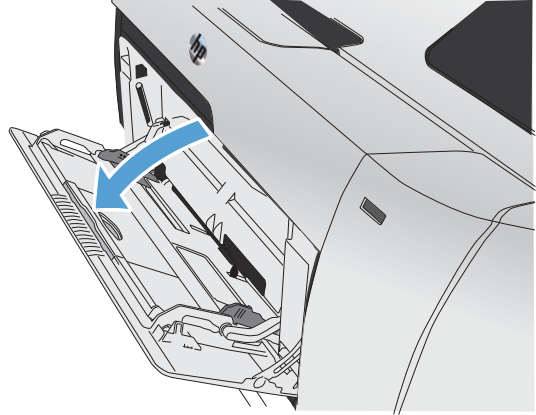
<sup>1</sup> Capacity can vary depending on paper weight and thickness, and environmental conditions.

<sup>2</sup> The product supports up to 220 g/m<sup>2</sup> (59 lb) for glossy and glossy photo paper.

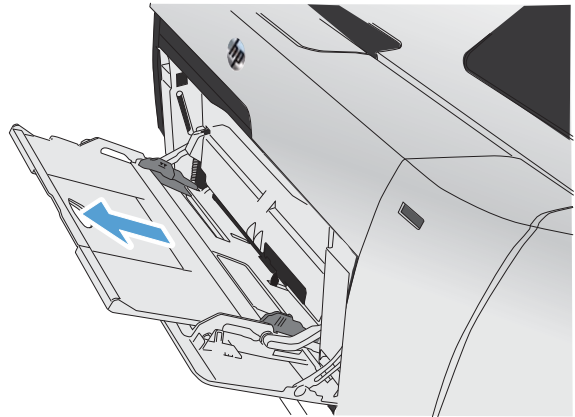
# Load paper trays

## Load Tray 1

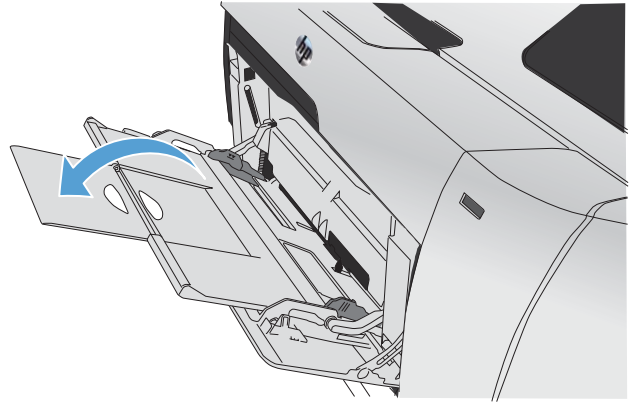
1. Open Tray 1.



2. Pull out the extension tray.

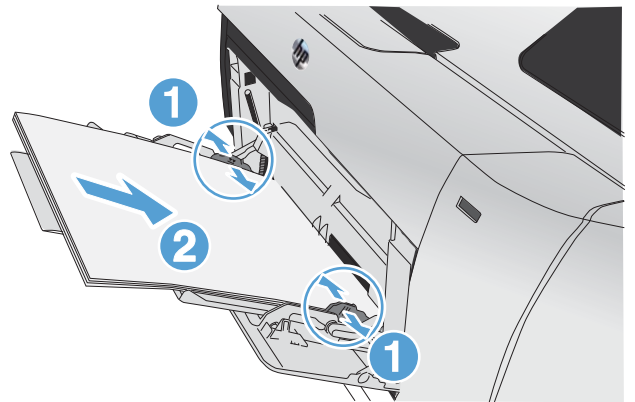


3. If you are loading long sheets of paper, flip out the extension.



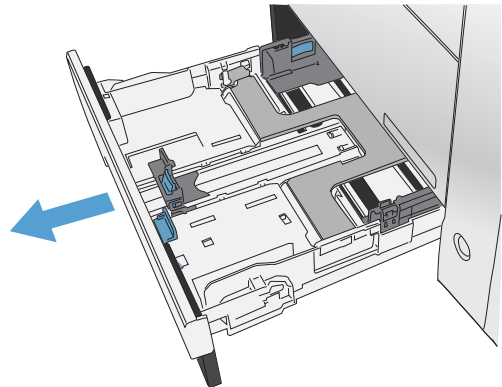
4. Extend the paper guides fully (callout 1) and then load the paper stack into Tray 1 (callout 2). Adjust the paper guides to the size of the paper.

**NOTE:** Place the paper into Tray 1 with the side to be printed on face-up and the top toward the product.

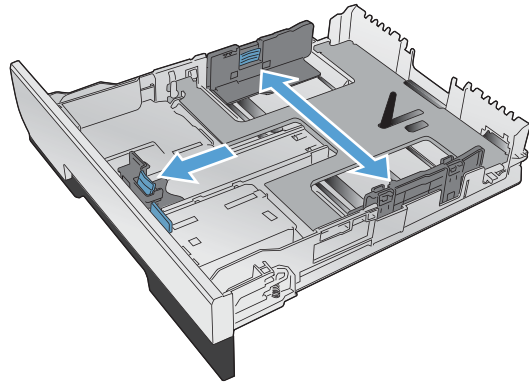


## Load Tray 2 or optional Tray 3

1. Pull the tray out of the product.

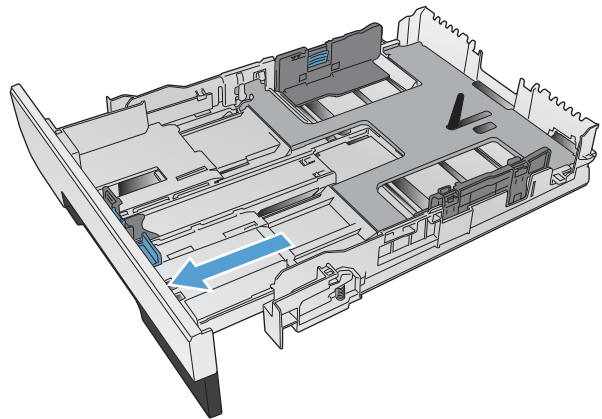


2. Slide open the paper length and width guides.

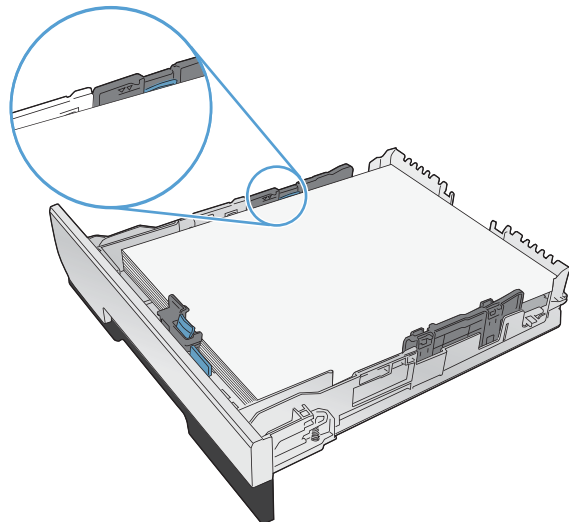


3. To load Legal-size paper, extend the tray by pressing and holding the extension tab while pulling the front of the tray toward you.

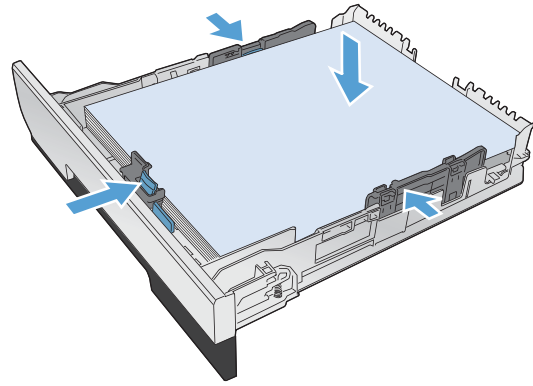
**NOTE:** When it is loaded with Legal-size paper, the tray extends from the front of the product approximately 64 mm (2.5 inches).



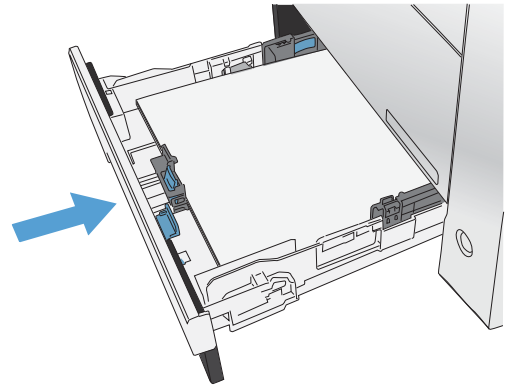
4. Place the paper in the tray and make sure that it is flat at all four corners. Slide the side paper width guides so that they align with the paper-size marking in the bottom of the tray. Slide the front paper length guide so that it pushes the stack of paper against the back of the tray.



5. Push down on the paper to make sure that the paper stack is below the paper limit tabs on the side of the tray.



6. Slide the tray into the product.

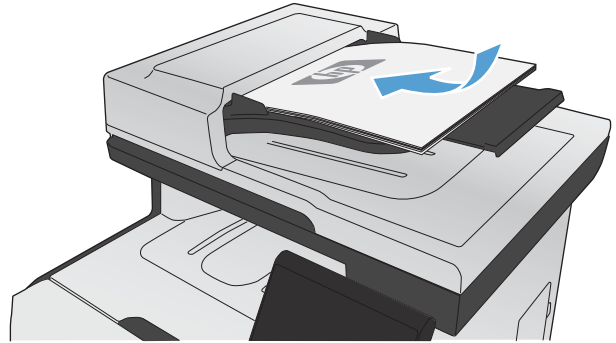


## Load the document feeder

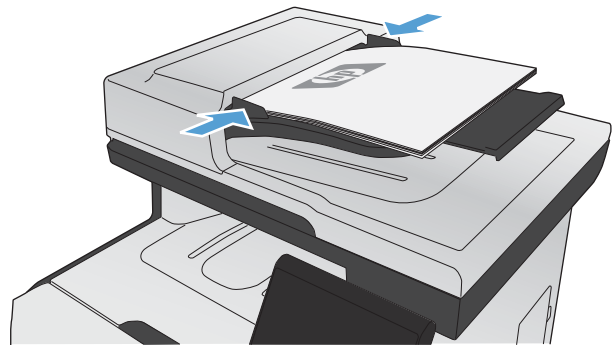
The document feeder holds up to 50 sheets of 75 g/m<sup>2</sup> (20 lb bond) paper.

- ⚠ CAUTION:** To prevent damage to the product, do not load an original document that contains correction tape, correction fluid, paper clips, or staples. Also, do not load photographs, small originals, or fragile originals into the document feeder.

1. Insert the originals into the document feeder face-up.



2. Adjust the guides until they are snug against the paper.





# Configure trays

By default, the product pulls paper from Tray 1. If Tray 1 is empty, the product pulls paper from Tray 2, or Tray 3 if it installed. Configuring the tray on this product changes the heat and speed settings to obtain the best print quality for the type of paper that you are using. If you are using special paper for all or most print jobs on the product, change this default setting on the product.

The following table lists possible ways you can use the tray settings to meet your printing needs.

Paper use	Configure the product	Print
Load Tray 1 and one other tray with the same paper, and have the product pick paper from one tray if the other one is empty.	Load paper in Tray 1. No configuration is needed, if the default settings for type and size have not been changed.	From the software program, print the job.
Occasionally use special paper, such as heavy paper or letterhead, from a tray that usually contains plain paper.	Load special paper in Tray 1.	From the software program print dialog, chose the paper type that matches the special paper loaded in the tray before sending the print job.
Frequently use special paper, such as heavy paper or letterhead, from one tray.	Load special paper in Tray 1, and configure the tray for the paper type.	From the software program print dialog, chose the paper type that matches the special paper loaded in the tray before sending the print job.

## Configure trays

1. Make sure the product is turned on.
2. Perform one of the following tasks:
  - **Control panel:** Open the [System Setup](#) menu, and open the [Paper Setup](#) menu. Select the tray that you want to configure.
  - **Embedded Web server:** Click the **Settings** tab, and then click **Paper Handling** in the left panel.
3. Change the desired tray setting, and then press [OK](#) or click [Apply](#).



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# 5 Print cartridges

The information contained herein is subject to change without notice. For the latest User Guide information go to [www.hp.com/go/LJColorMFPM375\\_manuals](http://www.hp.com/go/LJColorMFPM375_manuals) or [www.hp.com/go/LJColorMFPM475\\_manuals](http://www.hp.com/go/LJColorMFPM475_manuals).

- [Print cartridge information](#)
- [Supplies views](#)
- [Manage print cartridges](#)
- [Replacement instructions](#)

## Print cartridge information

Color	Cartridge number	Part number
Standard-capacity replacement black print cartridge	305A	CE410A
High-capacity replacement black print cartridge	305X	CE410X
Replacement cyan print cartridge	305A	CE411A
Replacement yellow print cartridge	305A	CE412A
Replacement magenta print cartridge	305A	CE413A

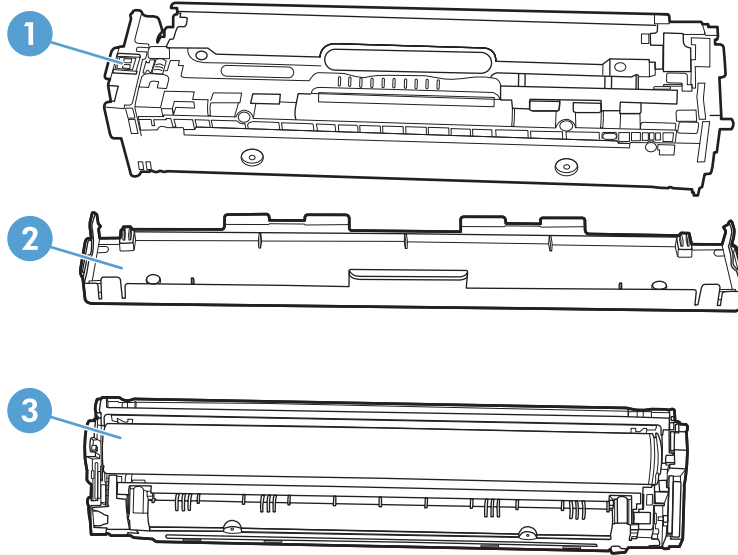
**Accessibility:** The print cartridge can be installed and removed by using one hand.

**Environmental features:** Recycle print cartridges by using the HP Planet Partners return and recycling program.

For more information about supplies, go to [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

# Supplies views

## Print cartridge views



1	Cartridge memory chip
2	Plastic shield
3	Imaging Drum. Do not touch the imaging drum on the bottom of the print cartridge. Fingerprints on the imaging drum can cause print-quality problems.

# Manage print cartridges

Correctly using, storing, and monitoring the print cartridge can help ensure high-quality print output.


## Change settings for print cartridges

### Print when a print cartridge is at estimated end of life

Supply-related notifications are communicated on the product control panel.


- A **<Supply> Low** message—where <Supply> is the color cartridge—appears when a print cartridge is nearing the estimated end of its useful life.
- A **<Supply> Very Low** message appears when the print cartridge is at its estimated end of useful life. To ensure optimal print quality, HP recommends replacing a print cartridge when the **<Supply> Very Low** message appears.

Print-quality problems can occur when using a cartridge that is at its estimated end of life. The supply does not need to be replaced at this point in time unless the print quality is no longer acceptable.

 **NOTE:** Using the [Continue](#) setting allows printing beyond Very Low without customer interaction and can result in unsatisfactory print quality.

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When a color print cartridge becomes very low, the product prints in black only to prevent fax interruptions. To configure the product to print in color and use the remaining toner in the print cartridge past very low, follow these steps:

1. From the Home screen on the control panel, touch the Setup  button.
2. Open the following menus:
  - [System Setup](#)
  - [Supply Settings](#)
  - [Color Cartridges](#)
  - [Very Low Setting](#)
  - [Continue](#)

When you choose to replace the very low print cartridge, color printing resumes automatically.

## Enable or disable the At Very Low settings from the control panel

You can enable or disable the default settings at any time, and you do not have to re-enable them when you install a new print cartridge.

1. From the Home screen on the control panel, touch the Setup  button.
2. Open the following menus:
  - [System Setup](#)
  - [Supply Settings](#)
  - [Black Cartridge](#) or [Color Cartridges](#)
  - [Very Low Setting](#)
3. Select one of the following options:
  - Select the [Continue](#) option to set the product to alert you that the print cartridge is very low, but to continue printing.
  - Select the [Stop](#) option to set the product to stop printing (including printing faxes) until you replace the print cartridge.
  - Select the [Prompt](#) option to set the product to stop printing (including printing faxes) and prompt you to replace the print cartridge. You can acknowledge the prompt and continue printing. A customer configurable option on this product is "Prompt to Remind Me in 50 pages, 100 pages, 200 pages, or never." This option is provided as a customer convenience and is not an indication these pages will have acceptable print quality.
  - On the [Color Cartridges](#) menu only, select [Print Black](#) (the default option) to alert you when the print cartridge is very low, but to continue printing in black only.

When the product is set to the [Stop](#) option, there is some risk that faxes will not print after the new cartridge is installed if your product has received more faxes than the memory can hold while stopped.

When the product is set to the [Prompt](#) option, there is some risk that faxes will not print after the new cartridge is installed if your product has received more faxes than the memory can hold while the product is waiting for the prompt to be acknowledged.

Once an HP supply has reached **very low**, HP's premium Protection Warranty on that supply has ended. All print defects or cartridge failures incurred when an HP supply is used in [Continue](#) at very low mode will not be considered to be defects in materials or workmanship in the supply under the HP Print Cartridge Warranty Statement.

## Print with EconoMode

This product has an EconoMode option for printing drafts of documents. Using EconoMode can use less toner and decrease the cost per page. However, using EconoMode can also reduce print quality.

HP does not recommend the full-time use of EconoMode. If EconoMode is used full-time, the toner supply might outlast the mechanical parts in the print cartridge. If print quality begins to degrade and is no longer acceptable, consider replacing the print cartridge.



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**NOTE:** This feature is available with the PCL 6 printer driver for Windows. If you are not using that driver, you can enable the feature by using the HP Embedded Web Server.

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1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.
3. Click the **Paper/Quality** tab.
4. Click the **EconoMode** check box.

## Recycle supplies

To recycle a genuine HP print cartridge, place the used cartridge in the box in which the new cartridge arrived. Use the enclosed return label to send the used supply to HP for recycling. For complete information, see the recycling guide that is included with each new HP supply item.

## Print-cartridge storage

Do not remove the print cartridge from its package until you are ready to use it.



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**CAUTION:** To prevent damage to the print cartridge, do not expose it to light for more than a few minutes.

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## HP policy on non-HP supplies

Hewlett-Packard Company cannot recommend the use of non-HP print cartridges and imaging drums, either new or remanufactured.



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**NOTE:** For HP printer products, the use of a non-HP print cartridge or a refilled print cartridge does not affect either the warranty to the customer or any HP support contract with the customer. However, if product failure or damage is attributable to the use of a non-HP print cartridge or refilled print cartridge, HP will charge its standard time and materials charges to service the product for the particular failure or damage.

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## HP anticounterfeit Web site

Go to [www.hp.com/go/anticounterfeit](http://www.hp.com/go/anticounterfeit) when you install an HP print cartridge and the control-panel message says the cartridge is non-HP. HP will help determine if the cartridge is genuine and take steps to resolve the problem.

Your print cartridge might not be a genuine HP print cartridge if you notice the following:

- The supplies status page indicates that a non-HP supply is installed.
- You are experiencing a high number of problems with the print cartridge.
- The cartridge does not look like it usually does (for example, the packaging differs from HP packaging).



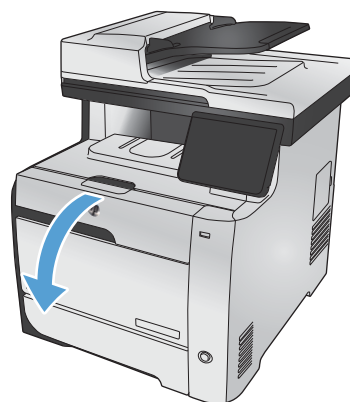
# Replacement instructions

## Replace the print cartridges

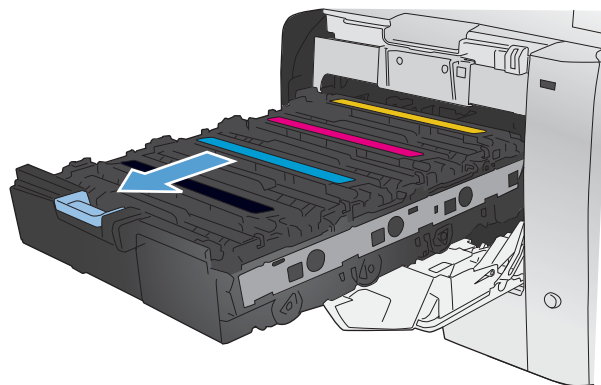
The product uses four colors and has a different print cartridge for each color: black (K), magenta (M), cyan (C), and yellow (Y).

**⚠ CAUTION:** If toner gets on any clothing, wipe it off with a dry cloth and wash the clothing in cold water. *Hot water sets toner into the fabric.*

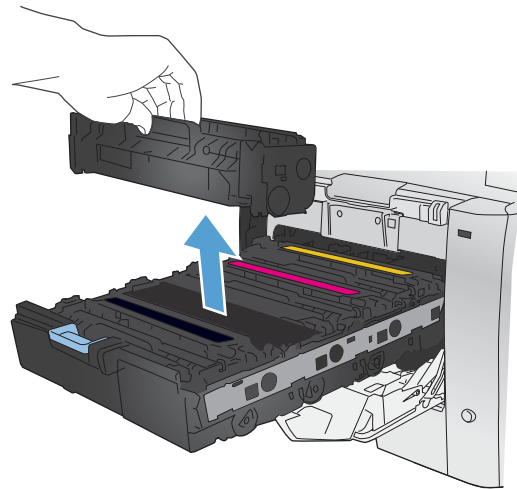
1. Open the front door.



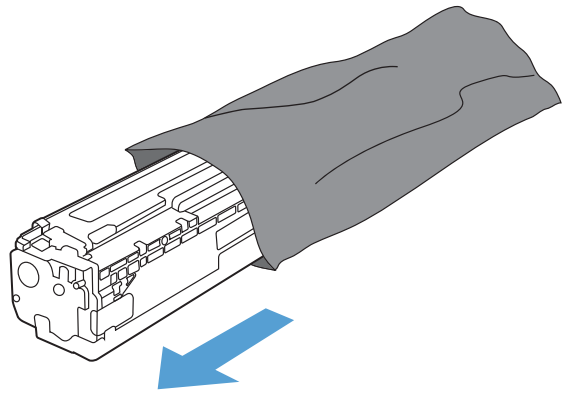
2. Pull out the print-cartridge drawer.



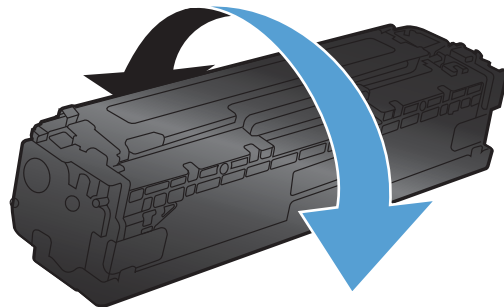
3. Grasp the handle on the old print cartridge and then pull the cartridge straight up to remove it.



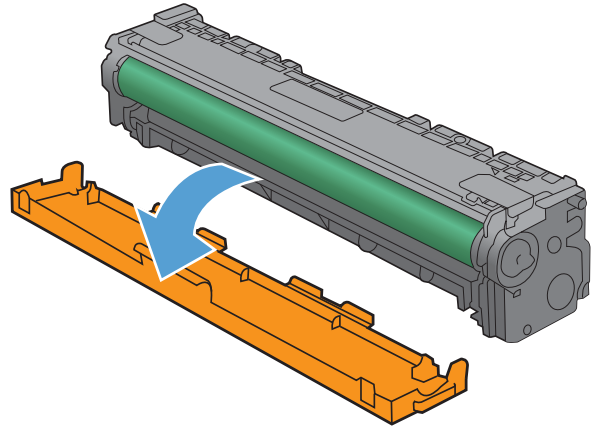
4. Remove the new print cartridge from the packaging.



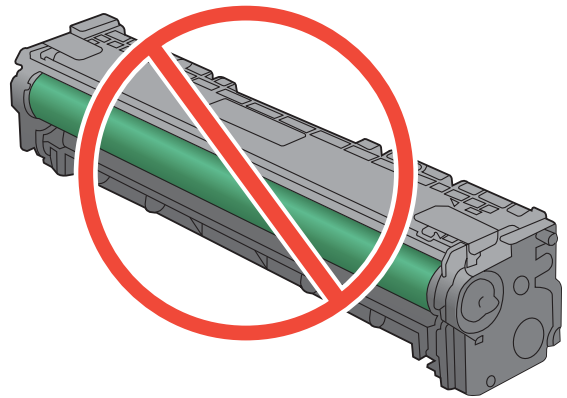
5. Gently rock the print cartridge from front to back to distribute the toner evenly inside the cartridge.



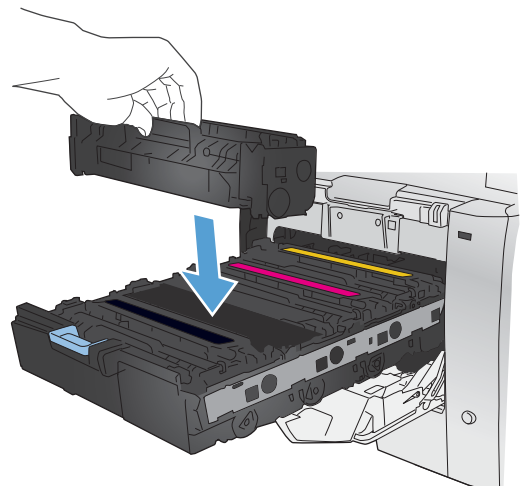
6. Remove the orange, plastic shield from the bottom of the new print cartridge.



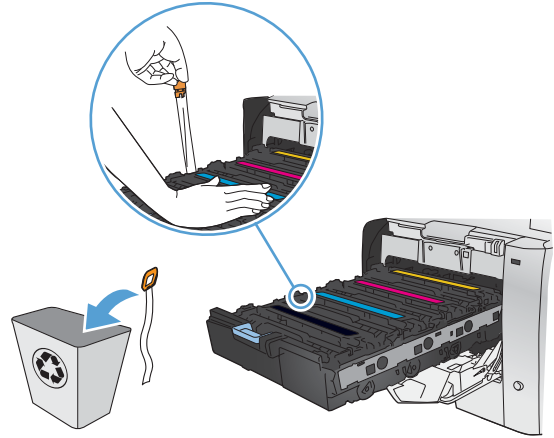
7. Do not touch the imaging drum on the bottom of the print cartridge. Fingerprints on the imaging drum can cause print-quality problems.



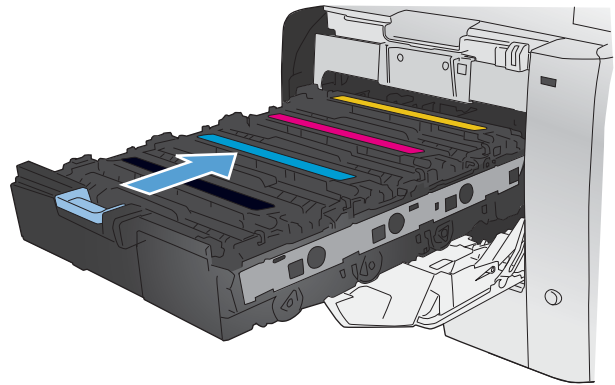
8. Insert the new print cartridge into the product.



9. Pull the tab on the left side of the print cartridge straight up to completely remove the sealing tape. Recycle the sealing tape.



10. Close the print-cartridge drawer.



11. Close the front door.



12. Place the old print cartridge, the sealing tape, and the orange plastic shield in the box for the new print cartridge. Follow the recycling instructions that are included in the box.

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# 6 Print tasks

- [Cancel a print job](#)
- [Basic print tasks with Windows](#)
- [Additional print tasks with Windows](#)
- [Walk-up USB printing](#)

## Cancel a print job

1. If the print job is currently printing, cancel it by pressing the Cancel **X** button on the product control panel.



**NOTE:** Pressing the Cancel **X** button clears the job that the product is currently processing. If more than one process is running, pressing the Cancel **X** button clears the process that currently appears on the product control panel.

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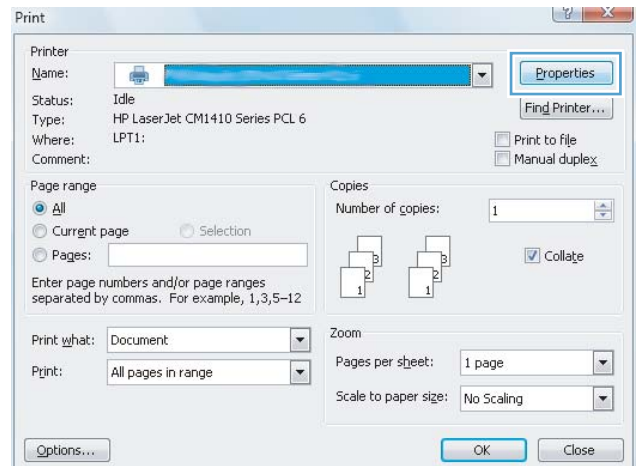
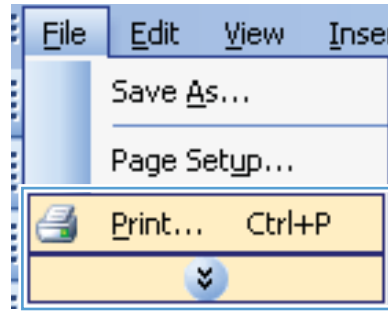
2. You can also cancel a print job from a software program or a print queue.
  - **Software program:** Typically, a dialog box appears briefly on the computer screen, allowing you to cancel the print job.
  - **Windows print queue:** If a print job is waiting in a print queue (computer memory) or print spooler, delete the job there.
    - **Windows XP, Server 2003, or Server 2008:** Click **Start**, click **Settings**, and then click **Printers and Faxes**. Double-click the product icon to open the window, right-click the print job that you want to cancel, and then click **Cancel**.
    - **Windows Vista:** Click **Start**, click **Control Panel**, and then, under **Hardware and Sound**, click **Printer**. Double-click the product icon to open the window, right-click the print job that you want to cancel, and then click **Cancel**.
    - **Windows 7:** Click **Start**, and then click **Devices and Printers**. Double-click the product icon to open the window, right-click the print job that you want to cancel, and then click **Cancel**.

# Basic print tasks with Windows

The methods to open the print dialog from software programs can vary. The procedures that follow include a typical method. Some software programs do not have a **File** menu. See the documentation for your software program to learn how to open the print dialog.

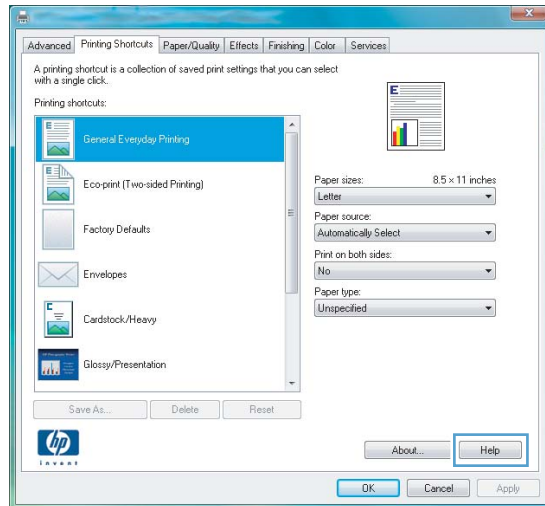
## Open the printer driver with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.



## Get help for any printing option with Windows

1. Click the **Help** button to open the online Help.





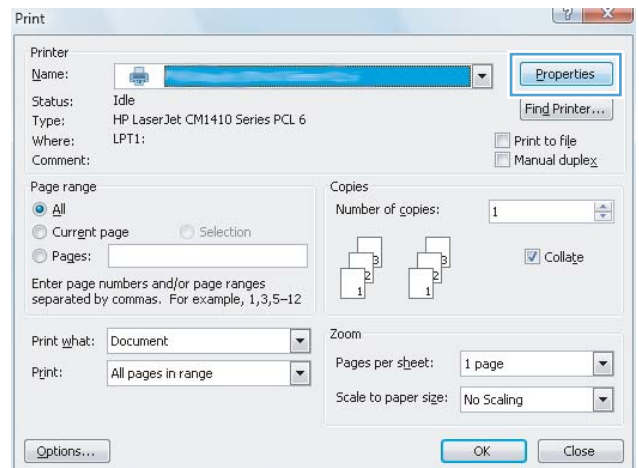
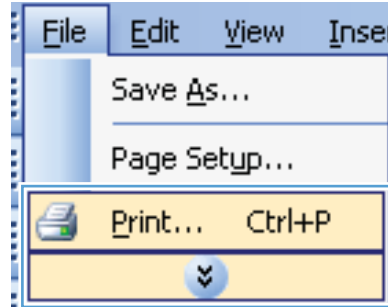
## Change the number of print copies with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then select the number of copies.

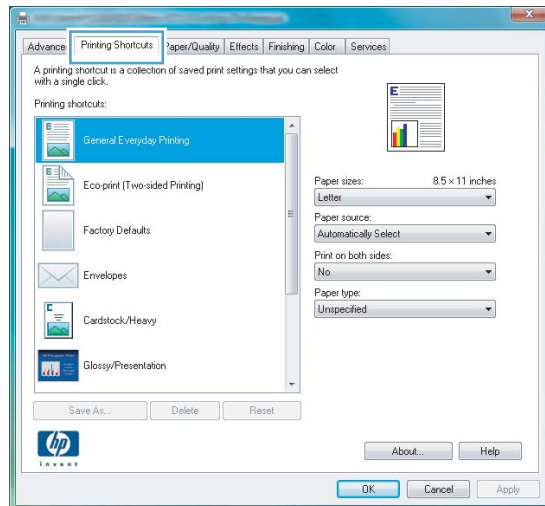
## Save custom print settings for reuse with Windows

### Use a printing shortcut with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.

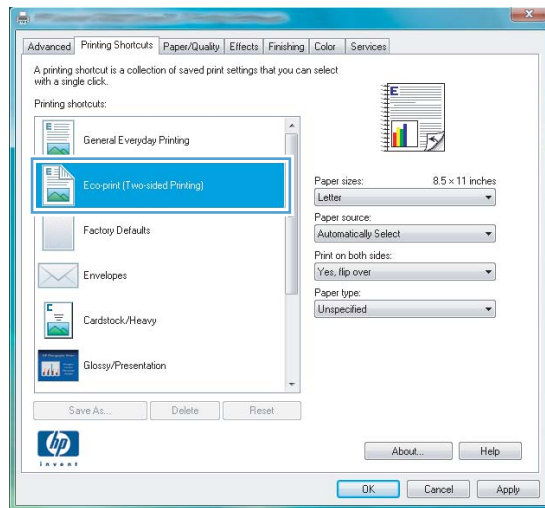


3. Click the **Printing Shortcuts** tab.



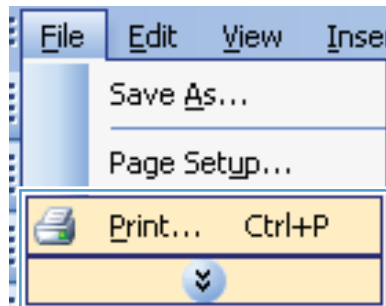
4. Select one of the shortcuts, and then click the **OK** button.

**NOTE:** When you select a shortcut, the corresponding settings change on the other tabs in the printer driver.

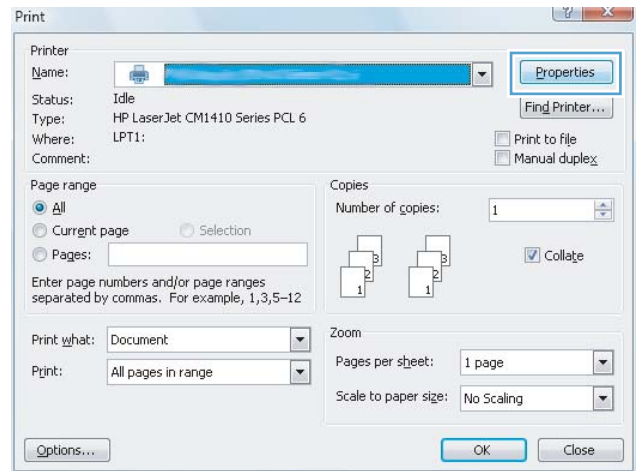


## Create printing shortcuts

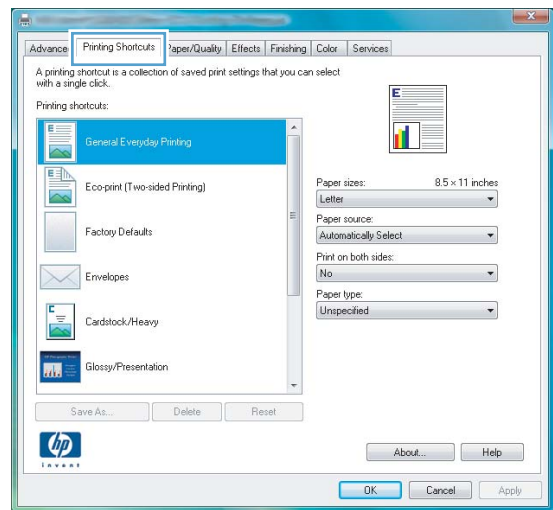
1. On the **File** menu in the software program, click **Print**.



2. Select the product, and then click the **Properties** or **Preferences** button.

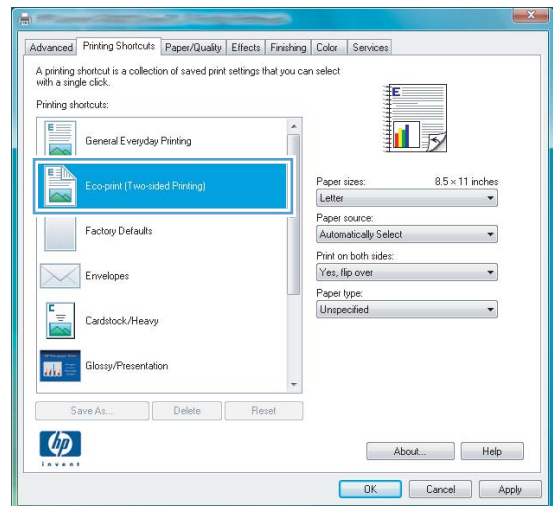


3. Click the **Printing Shortcuts** tab.

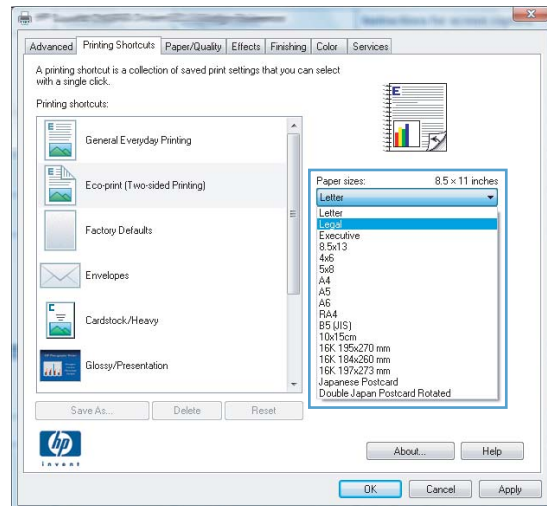


4. Select an existing shortcut as a base.

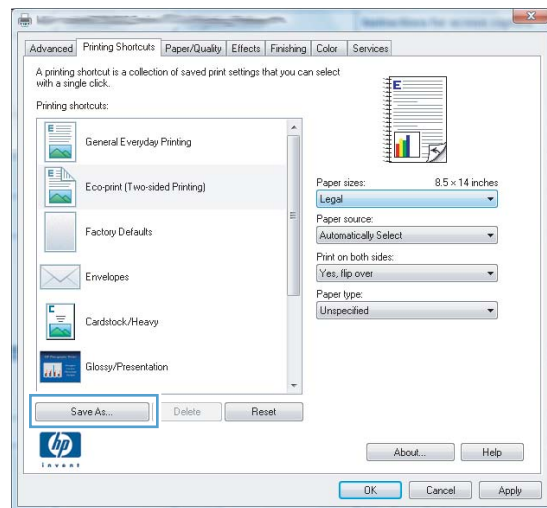
**NOTE:** Always select a shortcut before adjusting any of the settings on the right side of the screen. If you adjust the settings and then select a shortcut, all your adjustments are lost.



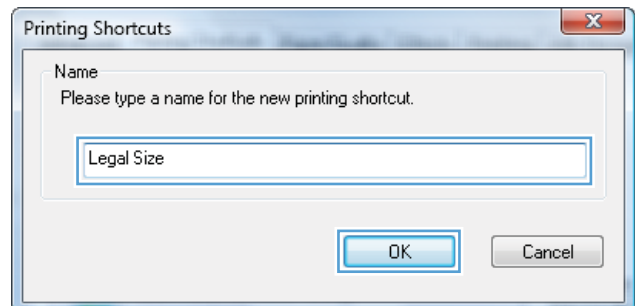
5. Select the print options for the new shortcut.



6. Click the **Save As** button.



7. Type a name for the shortcut, and click the **OK** button.



## Improve print quality with Windows

### Select the page size with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.

3. Click the **Paper/Quality** tab.
4. Select a size from the **Paper size** drop-down list.

### Select a custom page size with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.
3. Click the **Paper/Quality** tab.
4. Click the **Custom** button.
5. Type a name for the custom size and specify the dimensions.
  - The width is the short edge of the paper.
  - The length is the long edge of the paper.



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**NOTE:** Always load paper into the trays short edge first.

---

6. Click the **OK** button, and then click the **OK** button on the **Paper/Quality** tab. The custom page size will appear in the list of paper sizes the next time you open the printer driver.

### Select the paper type with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.
3. Click the **Paper/Quality** tab.
4. From the **Paper type** drop-down list, click the **More...** option.
5. Expand the list of **Type is:** options.
6. Expand the category of paper types that best describes your paper, and then click the paper type that you are using.

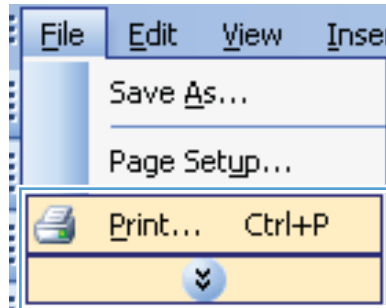
### Select the paper tray with Windows

1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.
3. Click the **Paper/Quality** tab.
4. Select a tray from the **Paper source** drop-down list.

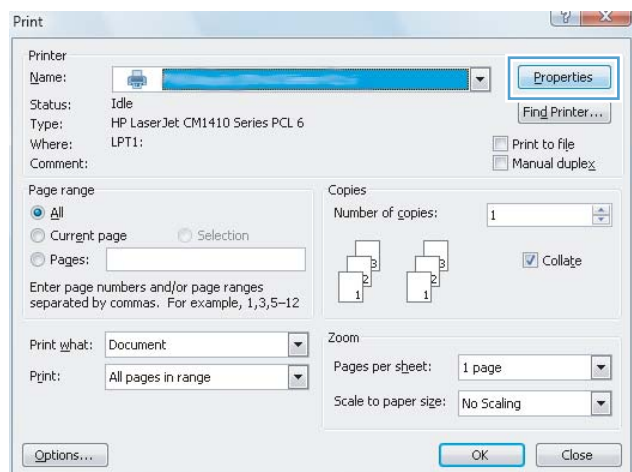
## Print on both sides (duplex) with Windows

### Print on both sides manually with Windows

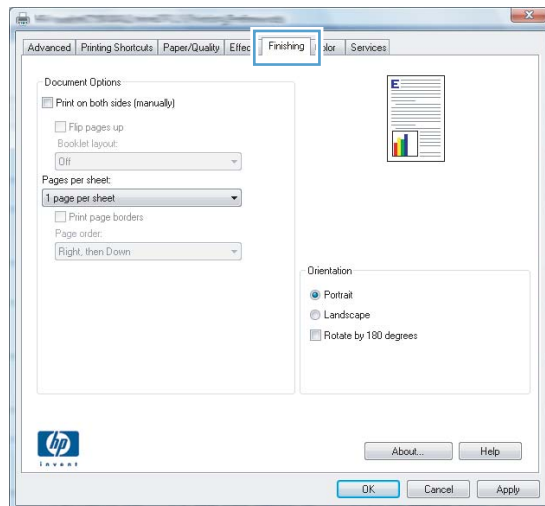
1. On the **File** menu in the software program, click **Print**.



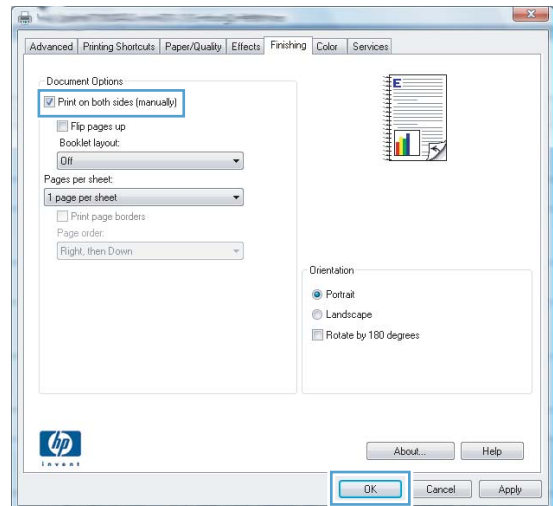
2. Select the product, and then click the **Properties** or **Preferences** button.



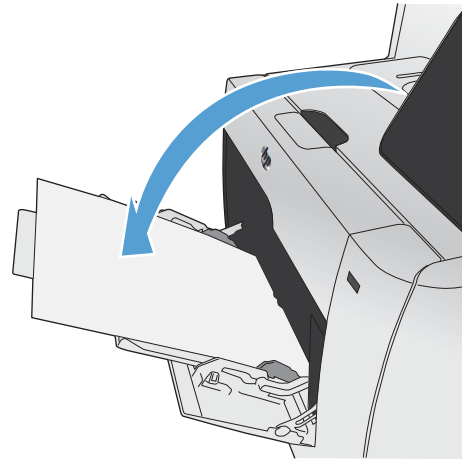
3. Click the **Finishing** tab.



4. Select the **Print on both sides (manually)** check box. Click the **OK** button to print the first side of the job.



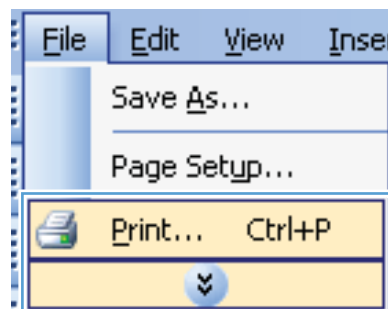
5. Retrieve the printed stack from the output bin, and maintaining the same orientation, place it with the printed side facing down in Tray 1.



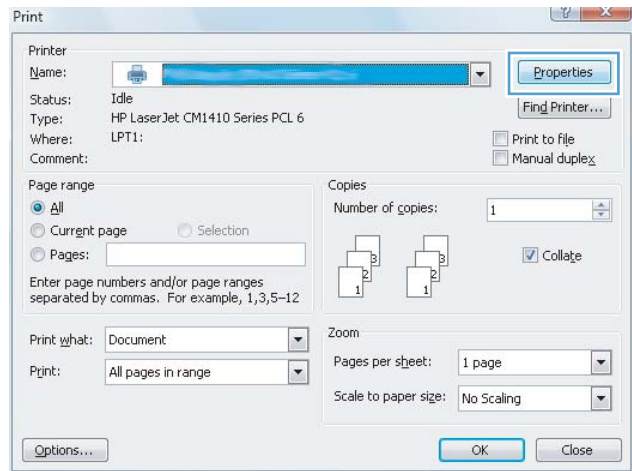
6. On the control panel, press the **OK** button to print the second side of the job.

## Automatically print on both sides with Windows

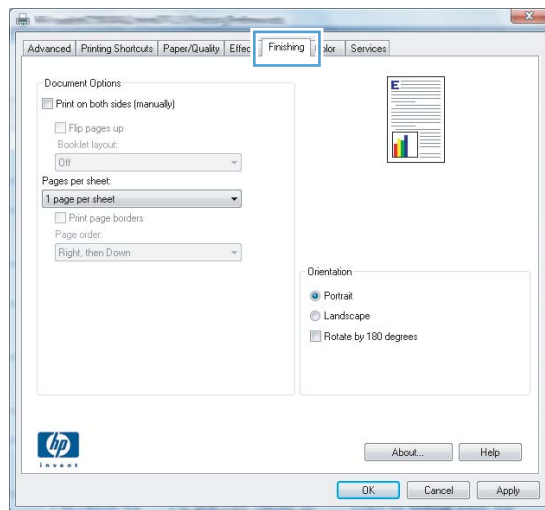
1. On the **File** menu in the software program, click **Print**.



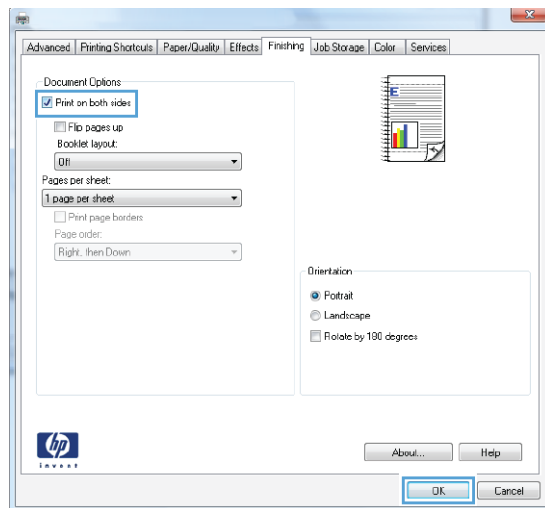
2. Select the product, and then click the **Properties** or **Preferences** button.



3. Click the **Finishing** tab.



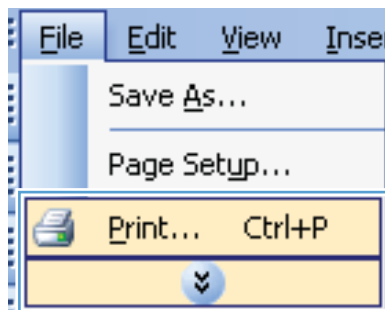
4. Select the **Print on both sides** check box. Click the **OK** button to print the job.



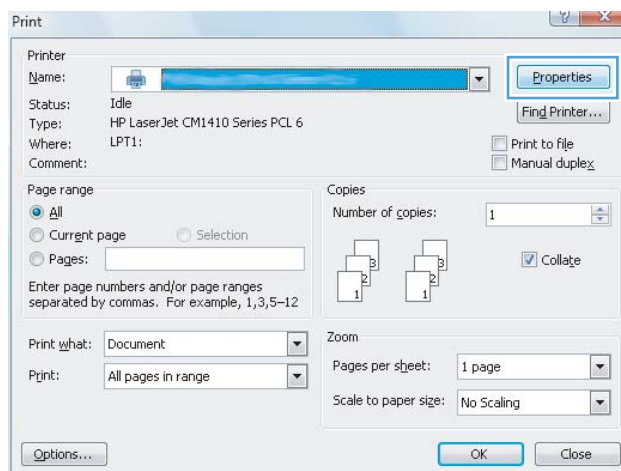


## Print multiple pages per sheet with Windows

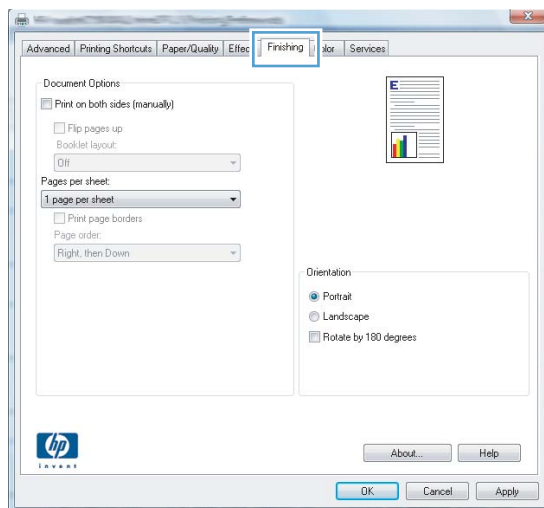
1. On the **File** menu in the software program, click **Print**.



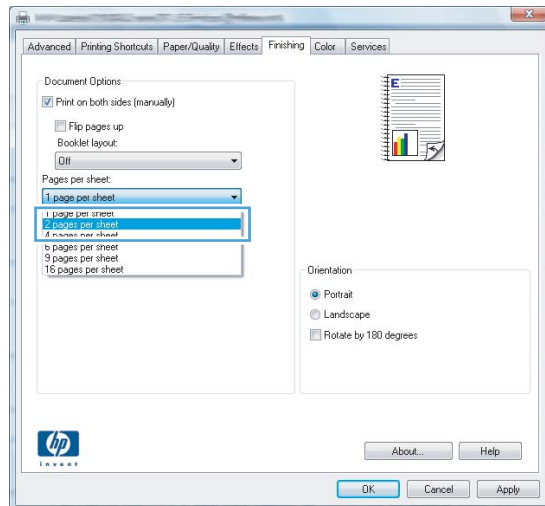
2. Select the product, and then click the **Properties** or **Preferences** button.



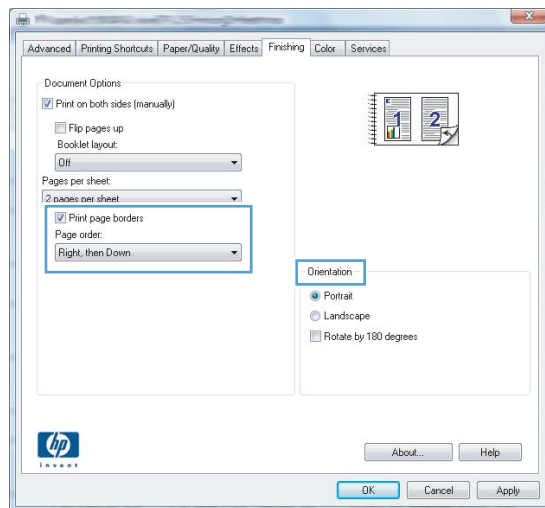
3. Click the **Finishing** tab.



4. Select the number of pages per sheet from the **Pages per sheet** drop-down list.

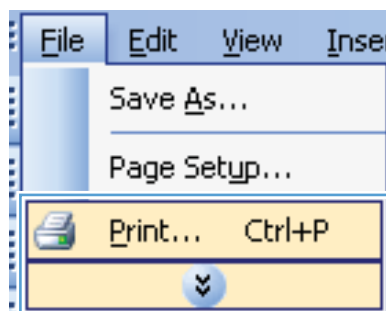


5. Select the correct **Print page borders**, **Page order**, and **Orientation** options.

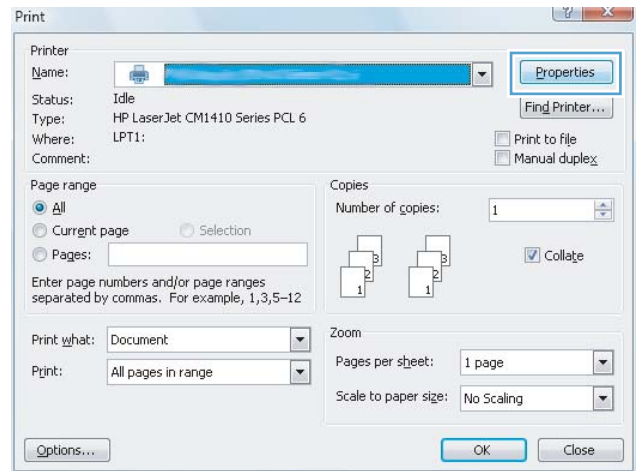


## Select page orientation with Windows

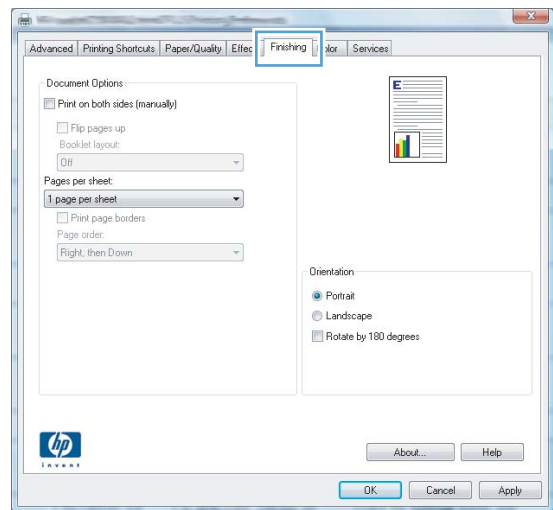
1. On the **File** menu in the software program, click **Print**.



2. Select the product, and then click the **Properties** or **Preferences** button.

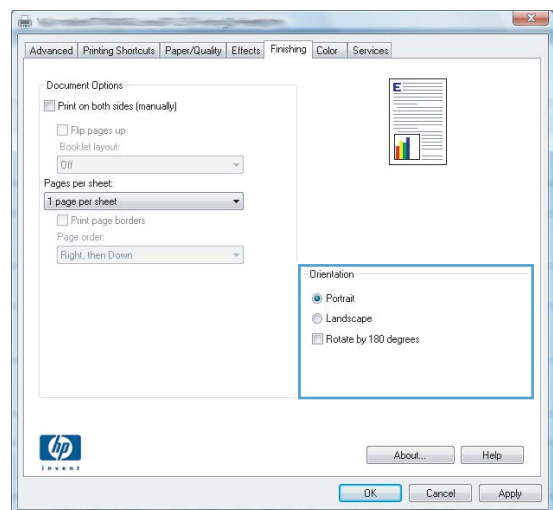


3. Click the **Finishing** tab.



4. In the **Orientation** area, select the **Portrait** or **Landscape** option.

To print the page image upside down, select the **Rotate by 180 degrees** option.



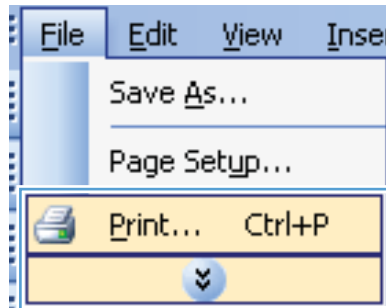
# Additional print tasks with Windows

## Print colored text as black (grayscale) with Windows

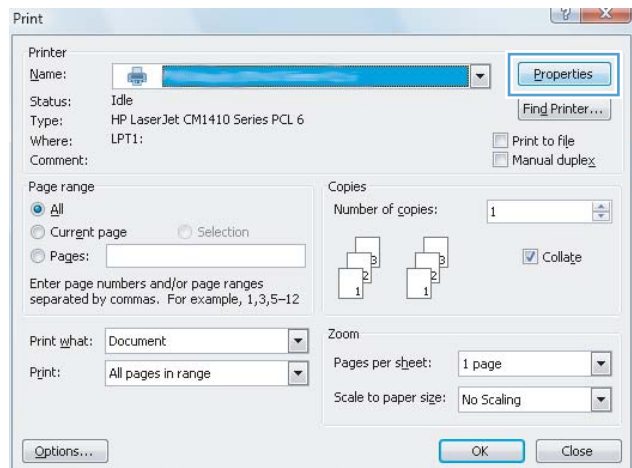
1. On the **File** menu in the software program, click **Print**.
2. Select the product, and then click the **Properties** or **Preferences** button.
3. Click the **Advanced** tab.
4. Expand the **Document Options** section.
5. Expand the **Printer Features** section.
6. In the **Print All Text as Black** drop-down list, select the **Enabled** option.

## Print on preprinted letterhead or forms with Windows

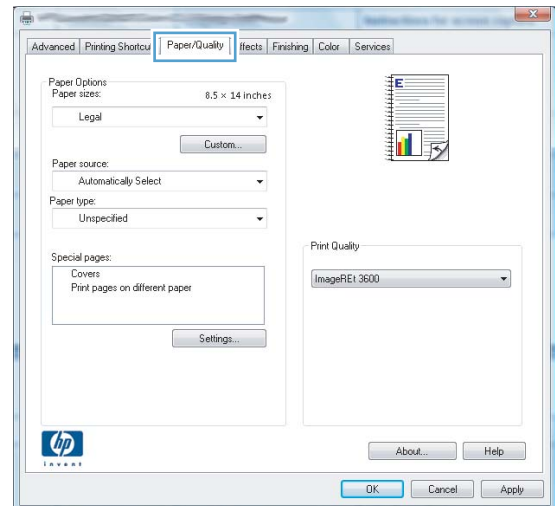
1. On the **File** menu in the software program, click **Print**.



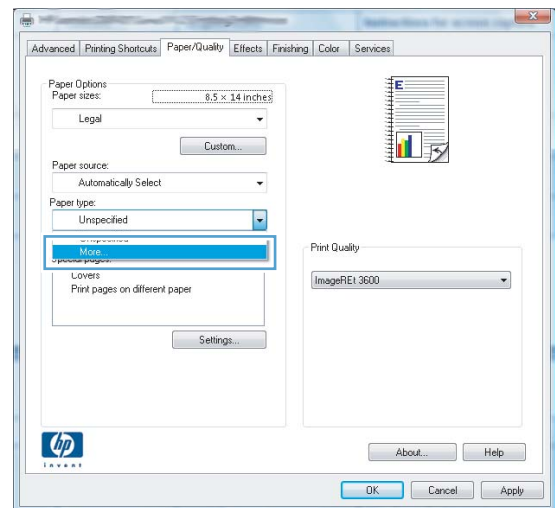
2. Select the product, and then click the **Properties** or **Preferences** button.



3. Click the **Paper/Quality** tab.



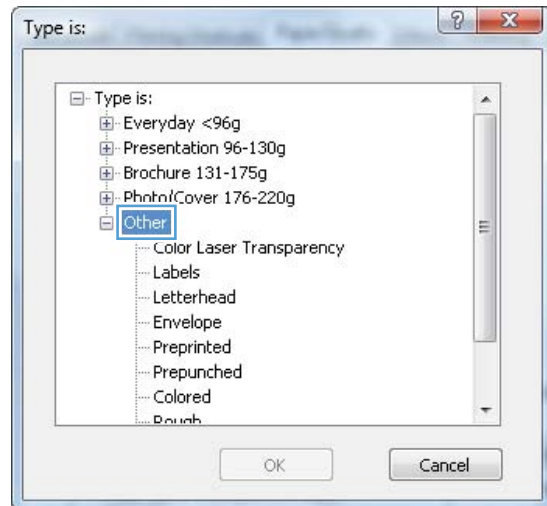
4. From the **Paper type** drop-down list, click the **More...** option.



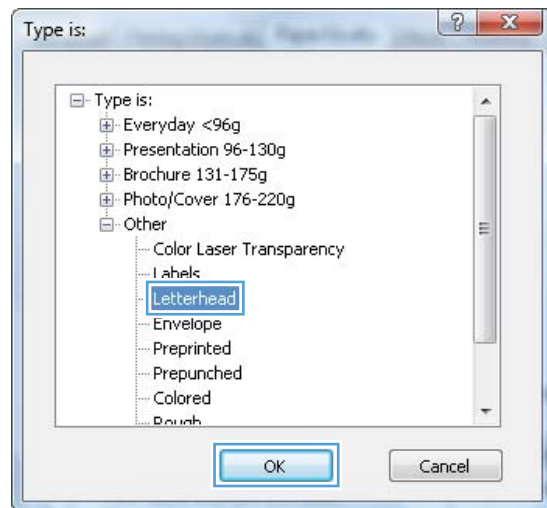
5. Expand the list of **Type is:** options.



- Expand the list of **Other** options.

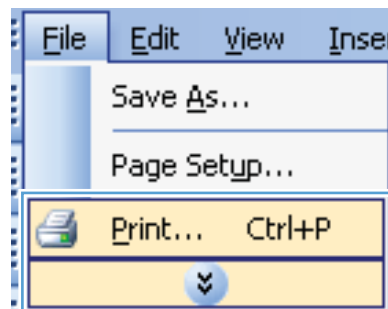


- Select the option for the type of paper you are using, and click the **OK** button.

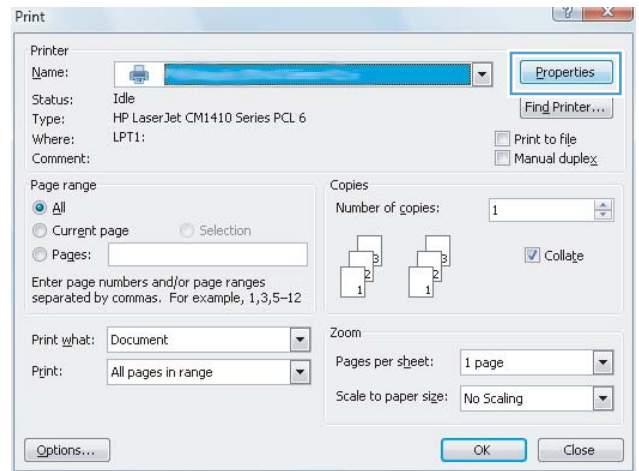


## Print on special paper, labels, or transparencies with Windows

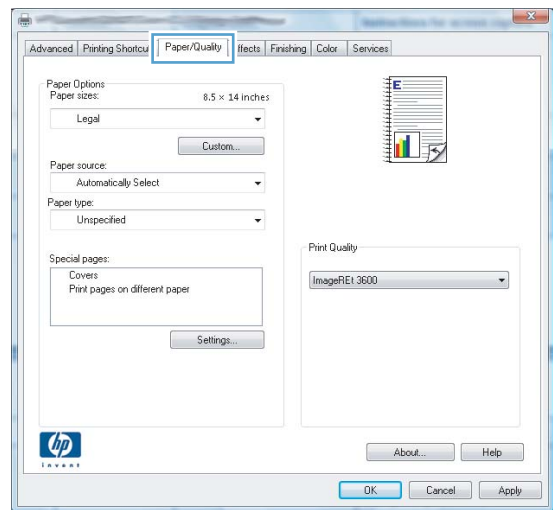
- On the **File** menu in the software program, click **Print**.



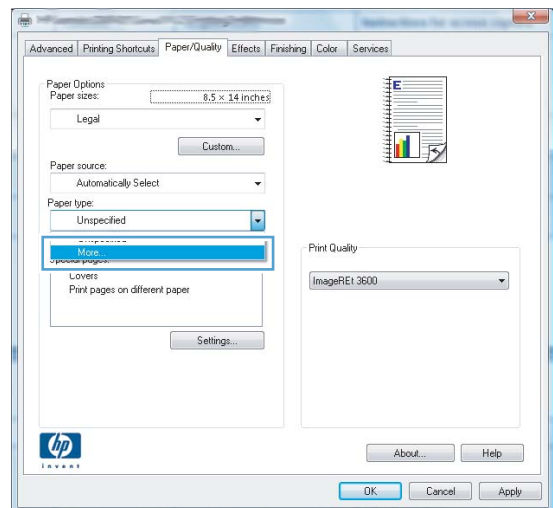
2. Select the product, and then click the **Properties** or **Preferences** button.



3. Click the **Paper/Quality** tab.



4. From the **Paper type** drop-down list, click the **More...** option.

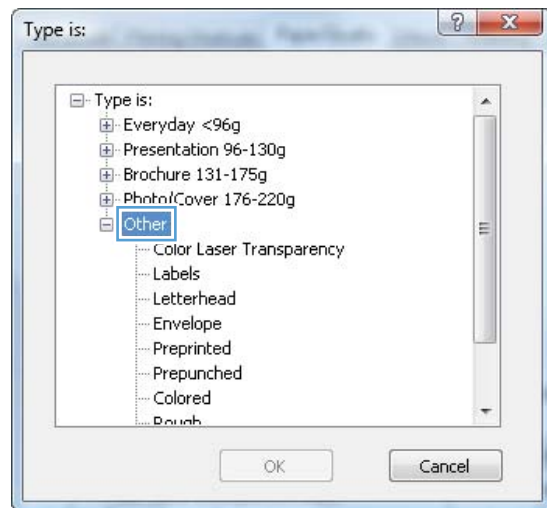


5. Expand the list of **Type is:** options.

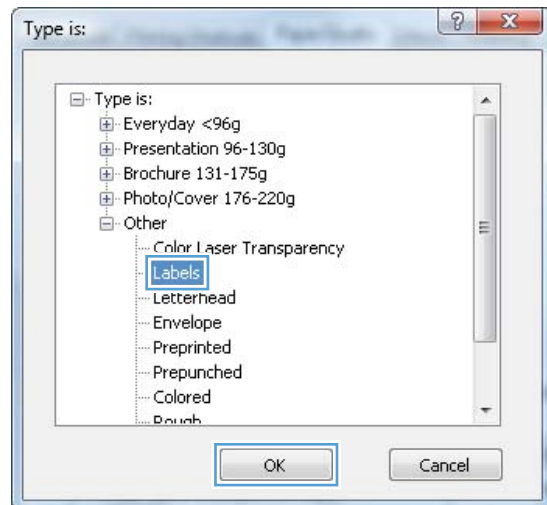


6. Expand the category of paper types that best describes your paper.

**NOTE:** Labels and transparencies are in the list of **Other** options.



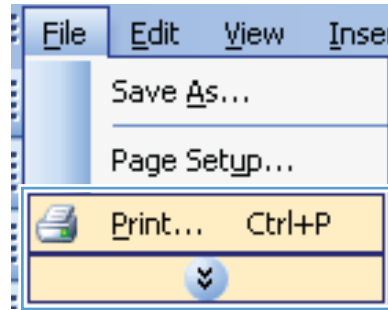
7. Select the option for the type of paper you are using, and click the **OK** button.



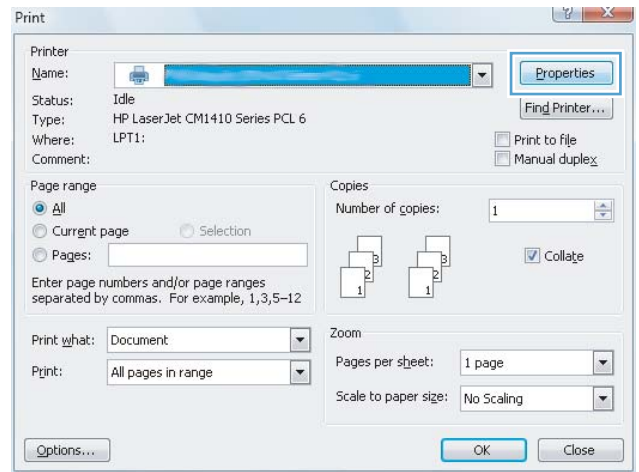


## Print the first or last page on different paper with Windows

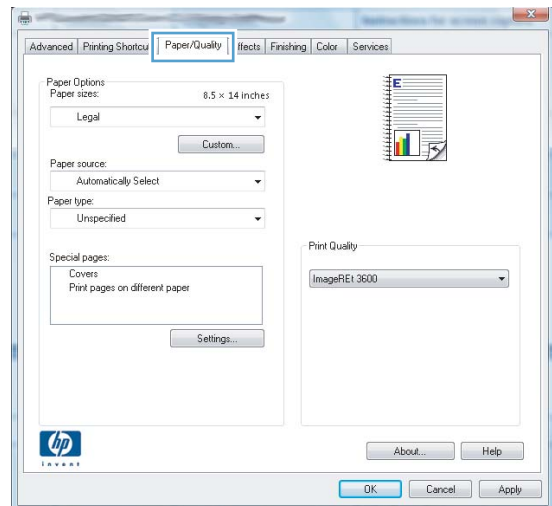
1. On the **File** menu in the software program, click **Print**.



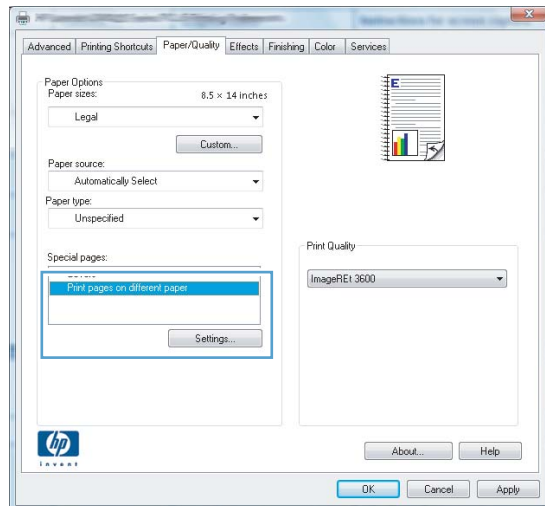
2. Select the product, and then click the **Properties** or **Preferences** button.



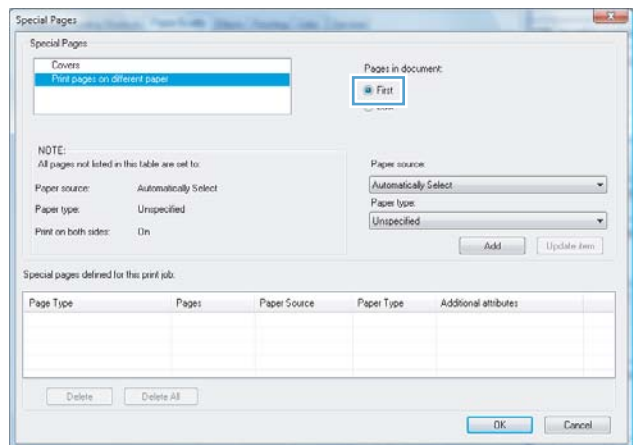
3. Click the **Paper/Quality** tab.



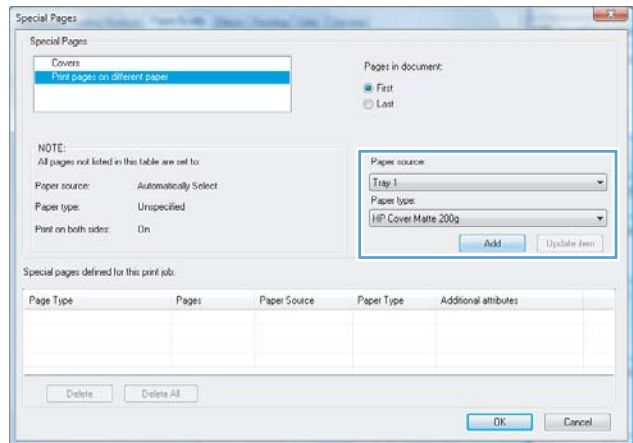
- In the **Special pages** area, click the **Print pages on different paper** option, and then click the **Settings** button.



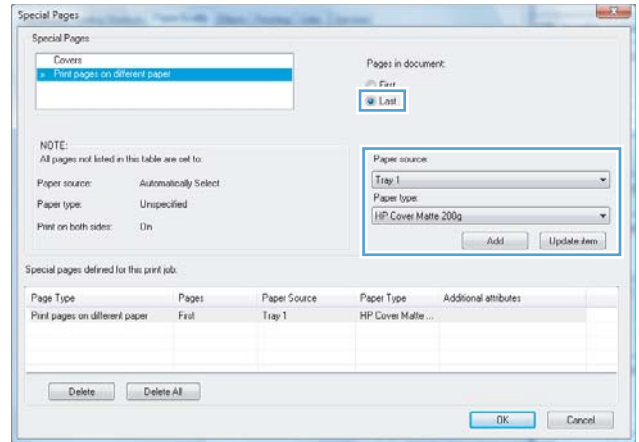
- In the **Pages in document** area, select either the **First** or **Last** option.



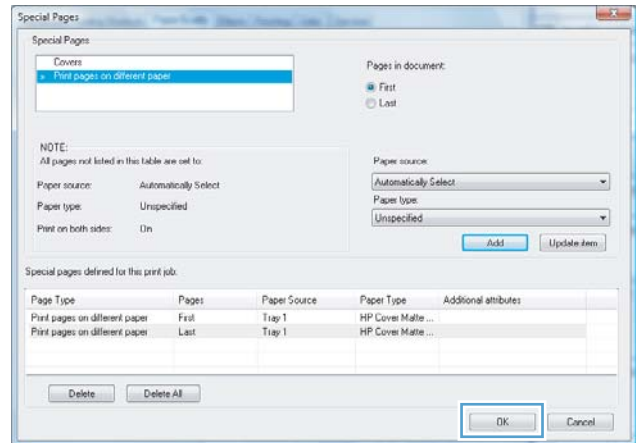
- Select the correct options from the **Paper source** and **Paper type** drop-down lists. Click the **Add** button.



- If you are printing *both* the first and last pages on different paper, repeat steps 5 and 6, selecting the options for the other page.

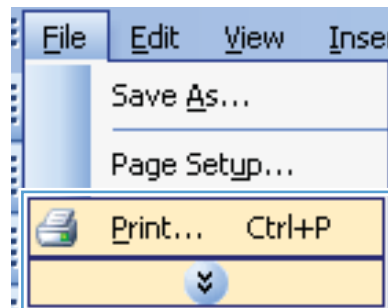


- Click the **OK** button.

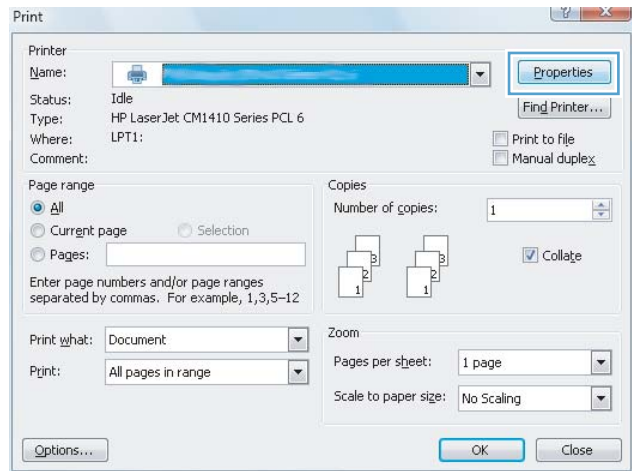


## Create a booklet with Windows

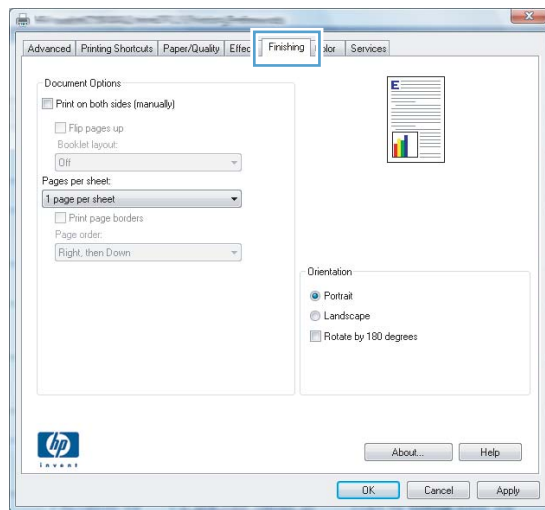
- On the **File** menu in the software program, click **Print**.



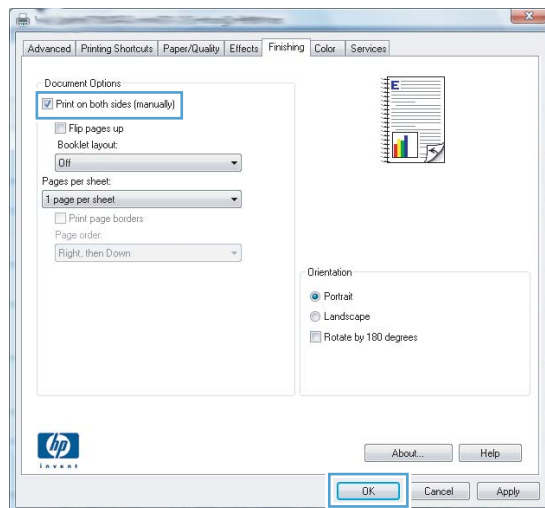
2. Select the product, and then click the **Properties** or **Preferences** button.



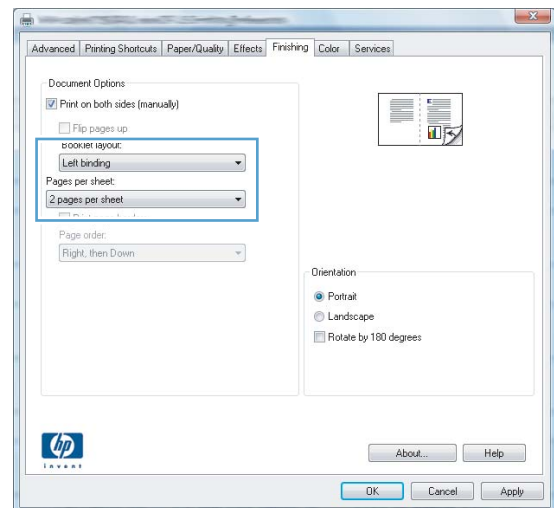
3. Click the **Finishing** tab.



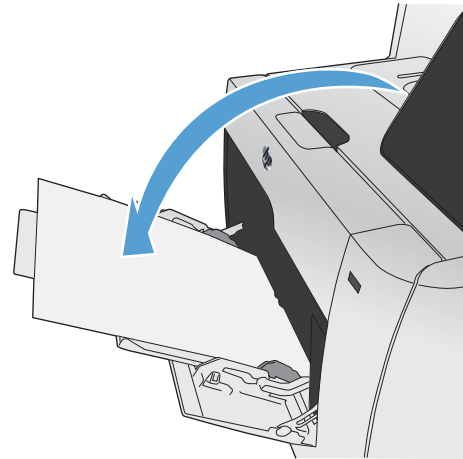
4. Select the **Print on both sides** check box.



5. In the **Booklet layout** drop-down list, click the **Left binding** or **Right binding** option. The **Pages per sheet** option automatically changes to **2 pages per sheet**.



6. Retrieve the printed stack from the output bin, and maintaining the same orientation, place it with the printed-side facing down in Tray 1.



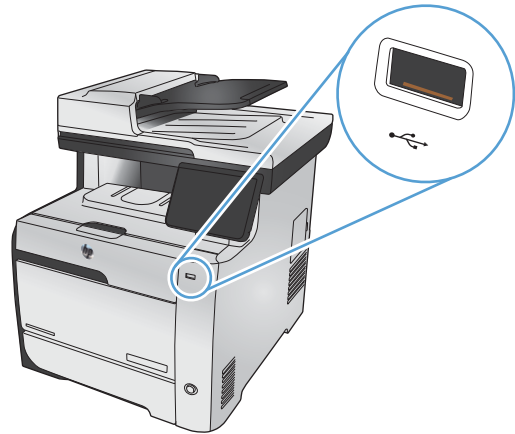
7. On the control panel, touch the **OK** button to print the second side of the job.

# Walk-up USB printing

This product features printing from a USB flash drive, so you can quickly print files without sending them from a computer. The product accepts standard USB storage accessories in the USB port on the front of the product. You can print the following types of files:

- .PDF
- .JPEG

1. Insert the USB drive into the USB port on the front of the product.



2. The **USB Flash Drive** menu opens. Touch the arrow buttons to scroll through the options.
  - **Print Documents**
  - **View and Print Photos**
  - **Scan to USB Drive**
3. To print a document, touch the **Print Documents** screen, and then touch the name of the folder on the USB drive where the document is stored. When the summary screen opens, you can touch it to adjust the settings. Touch the **Print** button to print the document.
4. To print photos, touch the **View and Print Photos** screen, and then touch the preview image for each photo that you want to print. Touch the **Done** button. When the summary screen opens, you can touch it to adjust the settings. Touch the **Print** button to print the photos.
5. To scan a document and save it as a .JPEG or .PDF file onto the USB drive, load the document onto the scanner glass or into the document feeder. Touch the **Scan to USB Drive** screen. Touch the **Settings...** button to adjust the scan settings.

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# 7 Color

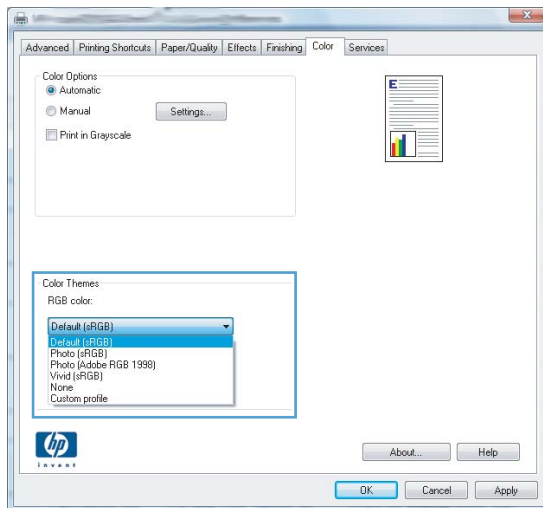
- [Adjust color](#)
- [Match colors](#)

# Adjust color

Manage color by changing the settings on the **Color** tab in the printer driver.

## Change the color theme for a print job

1. On the **File** menu in the software program, click **Print**.
2. Click **Properties** or **Preferences**.
3. Click the **Color** tab.
4. Select a color theme from the **Color Themes** drop-down list.




- **Default (sRGB)**: This theme sets the product to print RGB data in raw device mode. When using this theme, manage color in the software program or in the operating system for correct rendering.
- **Vivid**: The product increases the color saturation in the midtones. Use this theme when printing business graphics.
- **Photo**: The product interprets RGB color as if it were printed as a photograph using a digital mini lab. The product renders deeper, more saturated colors differently than with the Default (sRGB) theme. Use this theme when printing photos.
- **Photo (Adobe RGB 1998)**: Use this theme with printing digital photos that use the AdobeRGB color space rather than sRGB. Turn off color management in the software program when using this theme.
- **None**: No color theme is used.

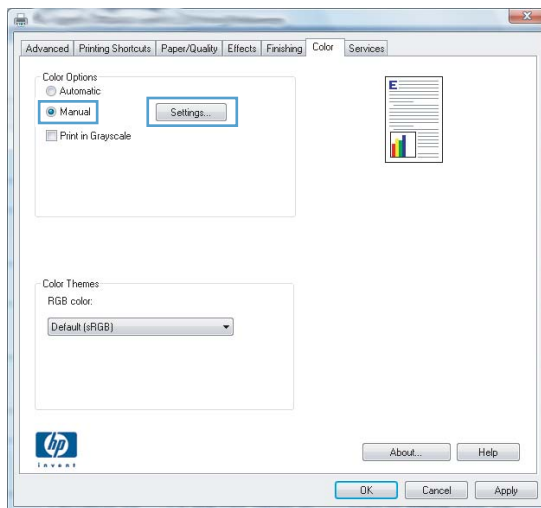


## Change the color options

Change the color options settings for the current print job from the color tab of the printer driver.

1. On the **File** menu in the software program, click **Print**.
2. Click **Properties** or **Preferences**.
3. Click the **Color** tab.
4. Click the **Automatic** or **Manual** setting.
  - **Automatic** setting: Select this setting for most color print jobs
  - **Manual** setting: Select this setting to adjust the color settings independent from other settings.

 **NOTE:** Changing color settings manually can impact output. HP recommends that only color graphics experts change these settings.



5. Click the **Print in Grayscale** option to print a color document in black and shades of gray. Use this option to print color documents for photocopying or faxing. You can also use this option to print draft copies or to save color toner.
6. Click the **OK** button.

## Manual color options

Use manual color options to adjust the **Neutral Grays**, **Halftone**, and **Edge Control** options for text, graphics, and photographs.

**Table 7-1 Manual color options**

Setting description	Setting options
<p><b>Edge Control</b></p> <p>The <b>Edge Control</b> setting determines the rendering of edges. Edge control has two components: adaptive halftoning and trapping. Adaptive halftoning increases edge sharpness. Trapping reduces the effect of color-plane misregistration by overlapping the edges of adjacent objects slightly.</p>	<ul style="list-style-type: none"><li>• <b>Off</b> turns off both trapping and adaptive halftoning.</li><li>• <b>Light</b> sets trapping at a minimal level. Adaptive halftoning is on.</li><li>• <b>Normal</b> sets trapping at a medium level. Adaptive halftoning is on.</li><li>• <b>Maximum</b> is the most aggressive trapping setting. Adaptive halftoning is on.</li></ul>
<p><b>Halftone</b></p> <p><b>Halftone</b> options affect color output clarity and resolution.</p>	<ul style="list-style-type: none"><li>• <b>Smooth</b> provides better results for large, solid-filled print areas and enhances photographs by smoothing color gradations. Select this option when uniform and smooth area fills are important.</li><li>• <b>Detail</b> is useful for text and graphics that require sharp distinctions among lines or colors, or images that contain a pattern or a high level of detail. Select this option when sharp edges and small details are important.</li></ul>
<p><b>Neutral Grays</b></p> <p>The <b>Neutral Grays</b> setting determines the method for creating gray colors used in text, graphics, and photographs.</p>	<ul style="list-style-type: none"><li>• <b>Black Only</b> generates neutral colors (grays and black) by using only black toner. This guarantees neutral colors without a color cast. This setting is best for documents and grayscale viewgraphs.</li><li>• <b>4-Color</b> generates neutral colors (grays and black) by combining all four toner colors. This method produces smoother gradients and transitions to other colors, and it produces the darkest black.</li></ul>

# Match colors

For most users, the best method for matching colors is to print sRGB colors.

The process of matching printer output color to your computer screen is complex, because printers and computer monitors use different methods of producing color. Monitors *display* colors by using light pixels that use an RGB (red, green, blue) color process, but printers *print* colors by using a CMYK (cyan, magenta, yellow, and black) process.

Several factors can influence your ability to match printed colors to those on your monitor:

- Print media
- Printer colorants (inks or toners, for example)
- Printing process (inkjet, press, or laser technology, for example)
- Overhead lighting
- Personal differences in perception of color
- Software programs
- Printer drivers
- Computer operating systems
- Monitors
- Video cards and drivers
- Operating environment (humidity, for example)

Keep these factors in mind when colors on your screen do not perfectly match your printed colors.



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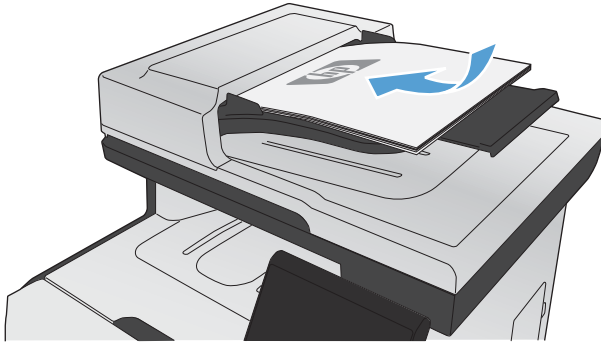
# 8 Copy

- [Use copy functions](#)
- [Copy on both sides](#)

# Use copy functions

## Copy

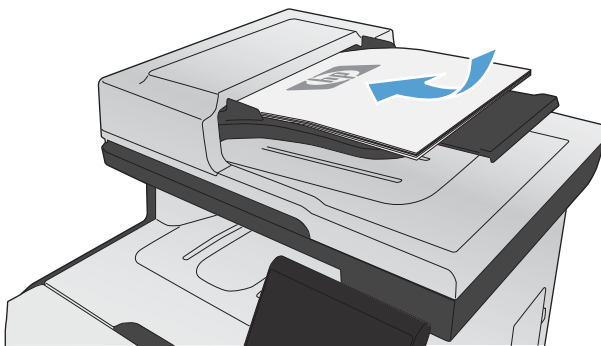
1. Load the document onto the scanner glass or into the document feeder.



2. From the Home screen, touch the **Copy** button.
3. Touch the **Black** or **Color** button to start copying.

## Multiple copies

1. Load the document onto the scanner glass or into the document feeder.

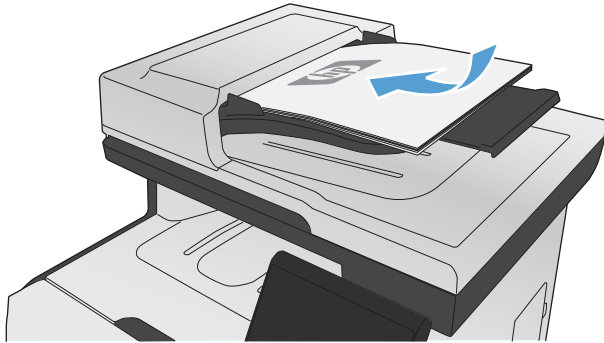


2. From the Home screen, touch the **Copy** button.

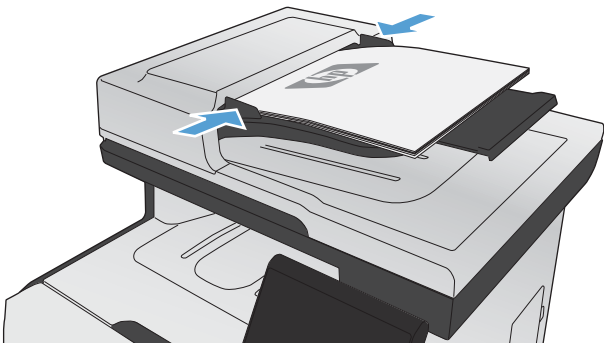
3. Touch the arrows to change the number of copies, or touch the existing number and type the number of copies.
4. Touch the **Black** or **Color** button to start copying.

## Copy a multiple-page original

1. Insert the originals into the document feeder face-up.



2. Adjust the guides until they are snug against the paper.

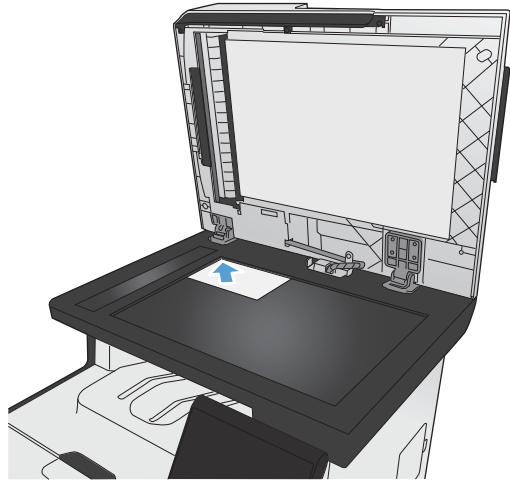


3. From the Home screen, touch the **Copy** button.
4. Touch the **Black** or **Color** button to start copying.

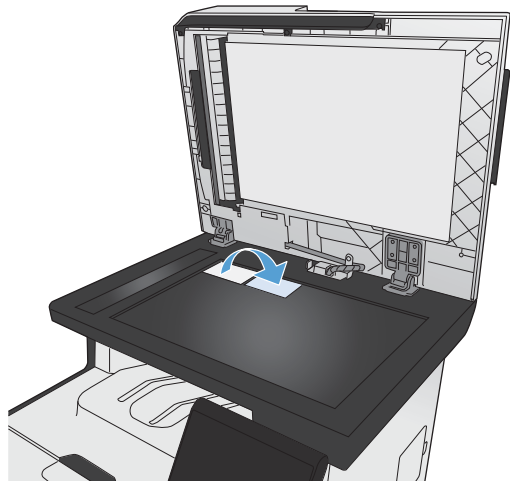
## Copy identification cards

Use the **ID Copy** feature to copy both sides of identification cards, or other small-size documents, onto the same side of one sheet of paper. The product prompts you to copy the first side and then to place the second side on a different area of the scanner glass and copy again. The product prints both images at the same time.

1. Load the document onto the scanner glass.



2. From the Home screen, touch the **Copy** button.
3. Touch the **ID Copy** button.
4. Touch the **Black** or **Color** button to start copying.
5. The product prompts you to place the next page on a different section of the scanner glass.



6. Touch the **OK** button if you have more pages to copy, or touch the **Done** button if this is the last page.
7. The product copies all pages onto one side of a sheet of paper.



## Cancel a copy job

1. Touch the Cancel **X** button on the product control panel.

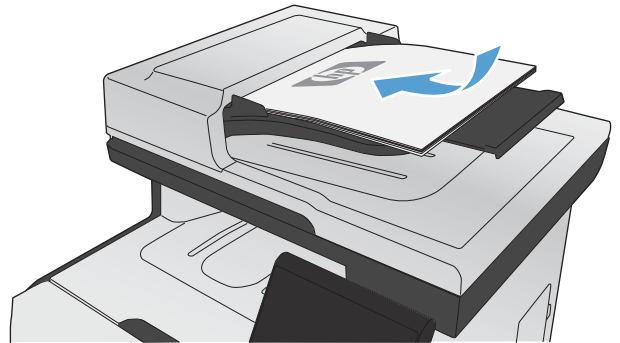


**NOTE:** If more than one process is running, touching the Cancel **X** button clears the current process and all pending processes.

2. Remove the remaining pages from the document feeder.

## Reduce or enlarge a copy

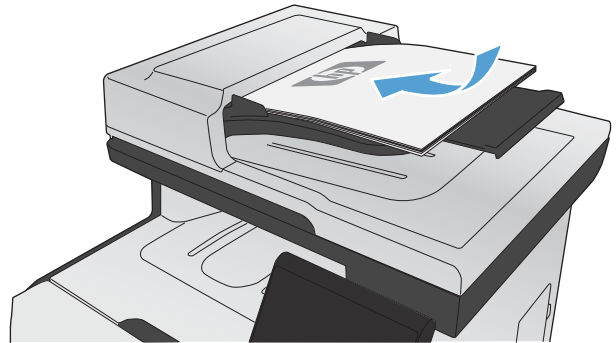
1. Load the document onto the scanner glass or into the document feeder.



2. From the Home screen, touch the **Copy** button.
3. Touch the **Settings...** button, and then touch the **Reduce/Enlarge** button. Touch the arrow buttons to scroll through the options, and then touch an option to select it.
4. Touch the **Black** or **Color** button to start copying.

## Collate a copy job

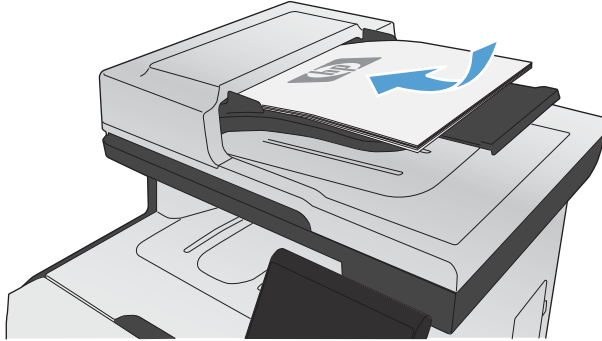
1. Load the document onto the scanner glass or into the document feeder.



2. From the Home screen, touch the **Copy** button.
3. Touch the **Settings...** button, and then scroll to and touch the **Collation** button. Touch the arrow buttons to scroll through the options, and then touch an option to select it.
4. Touch the **Black** or **Color** button to start copying.

## Make color or black and white copies

1. Load the document onto the scanner glass or into the document feeder.

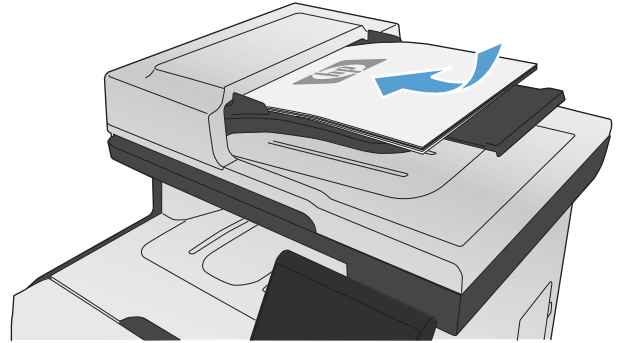


2. From the Home screen, touch the **Copy** button.
3. Touch the **Black** or **Color** button to start copying.

# Copy on both sides

## Copy on both sides automatically (duplex models only)

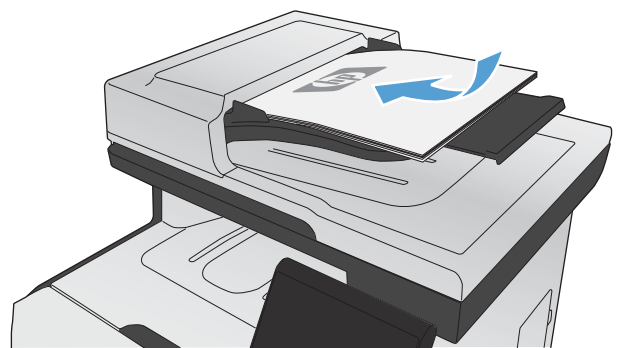
1. Load the first page of the document onto the scanner glass or into the document feeder.



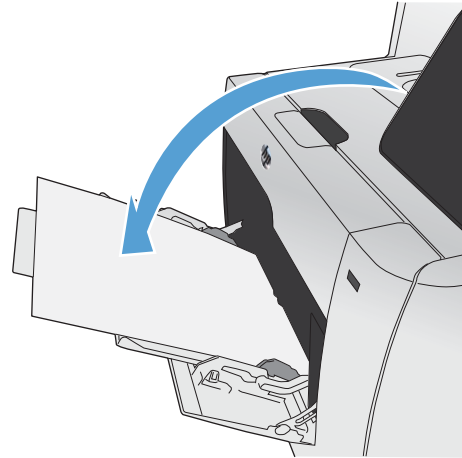
2. From the Home screen, touch the **Copy** button.
3. Touch the **Settings...** button, and then open the **Two Sided** menu.
4. Select the duplexing option that you want to use. For example, to copy a two-sided original with two-sided output, select the **2-Sided to 2-Sided** option.
5. Touch the **Black** or **Color** button to start copying.

## Copy on both sides manually

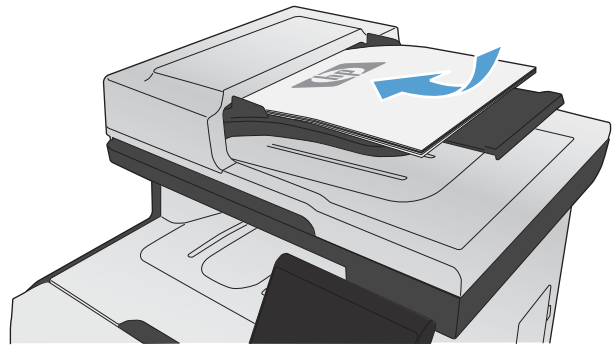
1. Load the first page of the document onto the scanner glass or into the document feeder.



2. From the Home screen, touch the **Copy** button.
3. Touch the **Black** or **Color** button to start copying.
4. Remove the printed copy from the output bin, and load the pages into Tray 1 with the printed side down and the top edge at the back of the tray.



5. Load the next page of the document onto the scanner glass or into the document feeder.



6. From the Home screen, touch the **Copy** button.
7. Touch the **Black** or **Color** button to start copying.
8. Repeat these steps until the copy is complete.



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## 9 Scan

- [Use scan functions](#)

# Use scan functions


Use the product to scan a document from the scanner glass or document feeder. For duplex models, you can also create two-sided scans.

## Scan methods

Perform scan jobs in the following ways.

- Scan to a USB flash drive from the product control panel.
- Scan from the computer by using HP Scan software
- Scan from TWAIN-compliant or Windows Imaging Application (WIA)-compliant software

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 **NOTE:** To learn about and use text-recognition software, install the Readiris program from the software CD. Text-recognition software is also known as optical character recognition (OCR) software.

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## Scan to a USB flash drive

1. Load the document onto the scanner glass or into the document feeder.
2. Insert a USB flash drive into the port on the front of the product.
3. From the Home screen, touch the **Scan** button.
4. Touch the **Scan to USB Drive** screen.
5. Touch the **Scan** button to scan and save the file. The product creates a folder named **HP** on the USB drive, and it saves the file in .PDF or .JPG format using an automatically generated file name.

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 **NOTE:** When the summary screen opens, you can touch it to adjust settings.

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## Scan by using HP Scan software (Windows)

1. Double-click the **HP Scan** icon on the computer desktop.
2. Select a scanning shortcut, and adjust the settings if necessary.
3. Click **Scan**.

---

 **NOTE:** Click **Advanced Settings** to gain access to more options.

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Click **Create New Shortcut** to create a customized set of settings and save it in the list of shortcuts.

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## Scan by using other software

The product is TWAIN-compliant and Windows Imaging Application (WIA)-compliant. The product works with Windows-based programs that support TWAIN-compliant or WIA-compliant scanning devices and with Macintosh-based programs that support TWAIN-compliant scanning devices.



While you are in a TWAIN-compliant or WIA-compliant program, you can gain access to the scanning feature and scan an image directly into the open program. For more information, see the Help file or the documentation that came with your TWAIN-compliant or WIA-compliant software program.

### Scan from a TWAIN-compliant program

Generally, a software program is TWAIN-compliant if it has a command such as **Acquire, File Acquire, Scan, Import New Object, Insert from,** or **Scanner**. If you are unsure whether the program is compliant or you do not know what the command is called, see the software program Help or documentation.

When scanning from a TWAIN-compliant program, the HP Scan software program might start automatically. If the HP Scan program starts, you can make changes while previewing the image. If the program does not start automatically, the image goes to the TWAIN-compliant program immediately.

Start the scan from within the TWAIN-compliant program. See the software program Help or documentation for information about the commands and steps to use.

### Scan from a WIA-compliant program

WIA is another way to scan an image directly into a software program. WIA uses Microsoft software to scan, instead of the HP Scan software.

Generally, a software program is WIA-compliant if it has a command such as **Picture/From Scanner or Camera** in the Insert or File menu. If you are unsure whether the program is WIA-compliant, see the software program Help or documentation.

Start the scan from within the WIA-compliant program. See the software program Help or documentation for information about the commands and steps to use.

**-Or-**


From the Windows control panel, in the **Cameras and Scanner** folder (located inside the **Hardware and Sound** folder for Windows Vista and Windows 7), double-click the product icon. This opens the standard Microsoft WIA Wizard, which enables you to scan to a file.

### Scan by using optical character recognition (OCR) software

The Readiris OCR program is included on a separate CD that shipped with the product. To use the Readiris program, install it from the appropriate software CD, and then follow the instructions in the online Help.

### Cancel a scan

To cancel a scan job, use one of the following procedures.

- On the product control panel, touch the Cancel  button.
- Click the **Cancel** button in the on-screen dialog box.



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# 10 Fax

For complete fax information go to [www.hp.com/go/LJColorMFPM375\\_manuals](http://www.hp.com/go/LJColorMFPM375_manuals) or [www.hp.com/go/LJColorMFPM475\\_manuals](http://www.hp.com/go/LJColorMFPM475_manuals).

- [Set up fax](#)
- [Fax from the flatbed scanner](#)
- [Fax from the document feeder](#)

# Set up fax

## Install and connect the hardware

### Connect fax to a telephone line

- ▲ Connect the telephone cable to the line port  on the product and to the telephone jack on the wall.

The product is an analog device. HP recommends using the product on a dedicated analog telephone line. If you are using a digital environment, such as DSL, PBX, ISDN, or VoIP, make sure to use the correct filters and configure the digital settings correctly. For more information, contact your digital service provider.





**NOTE:** Some countries/regions might require an adapter to the phone cord that came with the product.

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### Connect additional devices

The product includes two fax ports:

- The “line” port , which connects the product to the wall telephone jack.
- The “telephone” port , which connects additional devices to the product.

Telephones used in conjunction with the product can be employed in two ways:

- An extension phone is a phone plugged into the same phone line at another location.
- A downstream phone is one that is plugged into the product or a device that is plugged into the product.

Connect additional devices in the order that is described in the following steps. The output port for each device is connected to the input port of the next, forming a “chain”. If you do not want to connect a specific device, skip the step that explains it and continue to the next device.



**NOTE:** Do not connect more than three devices to the telephone line.

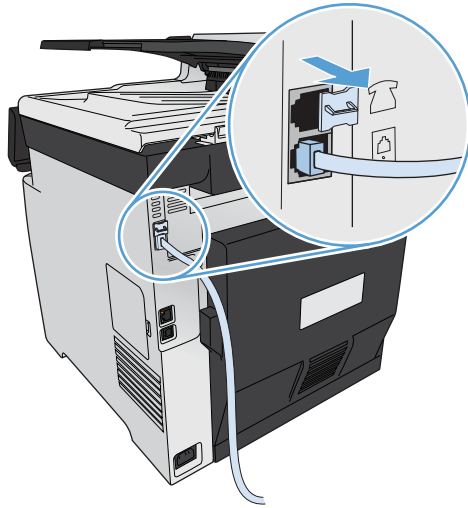
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**NOTE:** Voicemail is not supported with this product.

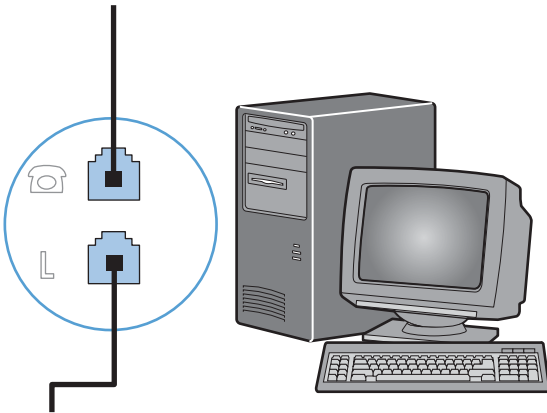
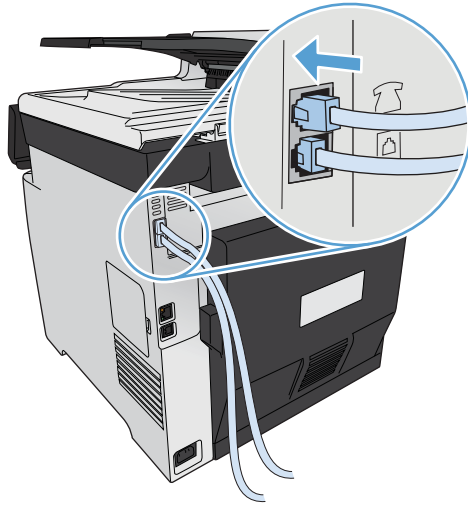
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1. Unplug the power cords for all of the devices that you want to connect.
2. If the product is not yet connected to a telephone line, see the product installation guide before proceeding. The product should already be connected to a telephone jack.

3. Remove the plastic insert from the "telephone" port (the port that is marked with the telephone icon).

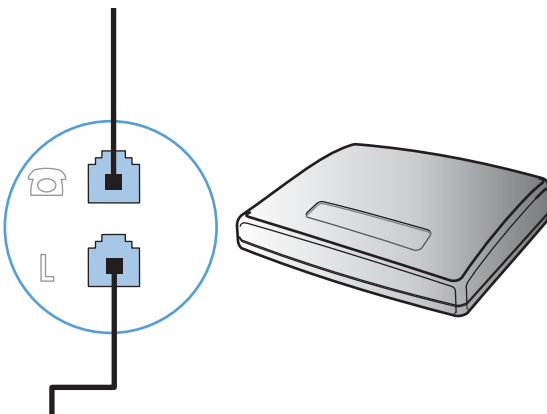


4. To connect an internal or external modem on a computer, plug one end of a telephone cord into the product “telephone” port . Plug the other end of the telephone cord into the modem “line” port.

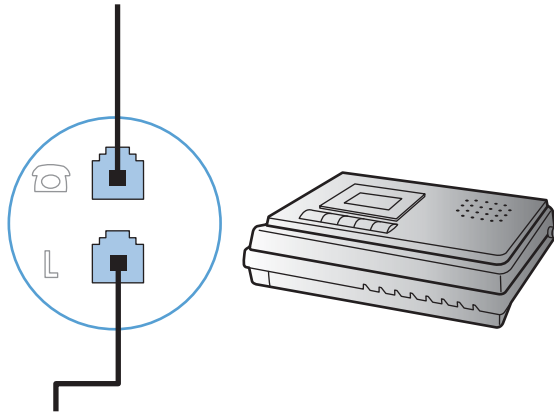


 **NOTE:** Some modems have a second “line” port to connect to a dedicated voice line. If you have two “line” ports, see your modem documentation to make sure that you connect to the correct “line” port.

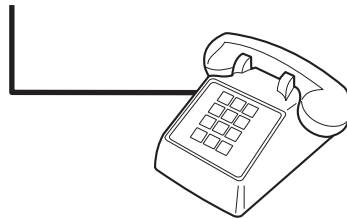
5. To connect a caller-ID box, plug a telephone cord into the previous device’s “telephone” port. Plug the other end of the telephone cord into the caller-ID box “line” port.



6. To connect an answering machine, plug a telephone cord into the previous device's "telephone" port. Plug the other end of the telephone cord into the answering machine "line" port.



7. To connect a telephone, plug a telephone cord into the previous device's "telephone" port. Plug the other end of the telephone cord into the telephone "line" port.




8. After you have finished connecting additional devices, plug all of the devices into their power sources.

### Set up fax with a telephone answering machine


- Set the product rings-to-answer setting for at least one ring more than the number of rings for which the answering machine is set.
- If an answering machine is connected to the same telephone line but on a different jack (in another room, for example), it might interfere with the product's ability to receive faxes.

### Set up fax with an extension phone


With this setting turned on, you can alert the product to pick up the incoming fax call by pressing 1-2-3 sequentially on the telephone keypad. The default setting is **On**. Turn this setting off only if you use pulse dialing or if you have a service from your telephone company that also uses the 1-2-3 sequence. The telephone company service does not work if it conflicts with the product.

1. On the control panel, touch the Setup  button.
2. Scroll to and touch the **Fax Setup** menu.
3. Scroll to and touch the **Advanced Setup** button.
4. Scroll to and touch the **Extension Phone** button, and touch the **On** button.

## Setup for stand-alone fax

1. Unpack and set up the product.
2. From the Home screen, touch the Setup  button.
3. Touch the [Fax Setup](#) menu.
4. Touch the [Fax Set-Up Utility](#) button.
5. Follow the on-screen prompts and select the appropriate response for each question.

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 **NOTE:** The maximum number of characters for the fax number is 20.

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**NOTE:** The maximum number of characters for the fax header is 25.

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## Configure fax settings

You can configure the product fax settings from the control panel or from the HP Embedded Web Server.


In the United States and many other countries/regions, setting the time, date, and other fax header information is a legal requirement.

## Use the control panel to set the fax time, date, and header

To use the control panel to set the date, time, and header, complete the following steps:


1. From the Home screen, touch the Setup  button.
2. Touch the [Fax Setup](#) menu.
3. Touch the [Basic Setup](#) menu.
4. Scroll to and touch the [Time/Date](#) button.
5. Select the 12-hour clock or 24-hour clock.
6. Use the keypad to enter the current time, and then touch the [OK](#) button.
7. Select the date format.
8. Use the keypad to enter the current date, and then touch the [OK](#) button.
9. Touch the [Fax Header](#) menu.
10. Use the keypad to enter your fax number, and then touch the [OK](#) button.

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 **NOTE:** The maximum number of characters for the fax number is 20.

11. Use the keypad to enter your company name or header, and then touch the [OK](#) button.

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 **NOTE:** The maximum number of characters for the fax header is 25.

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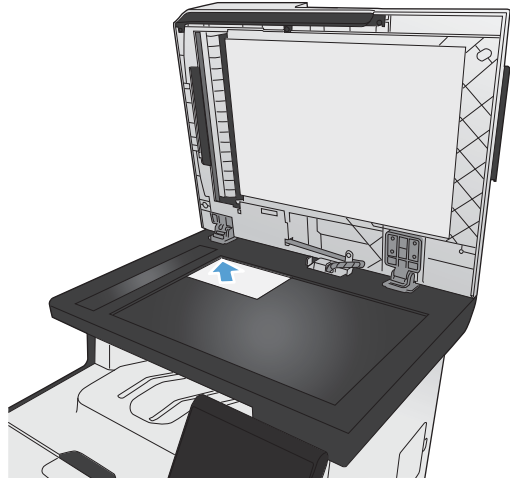


## Use of common localized letters in fax headers

When using the control panel to enter your name in the header or to enter a name for a one-touch key, speed-dial entry, or group-dial entry, touch the **123** button to open a keypad that contains special characters.

## Fax from the flatbed scanner

1. Place the document face-down on the scanner glass.



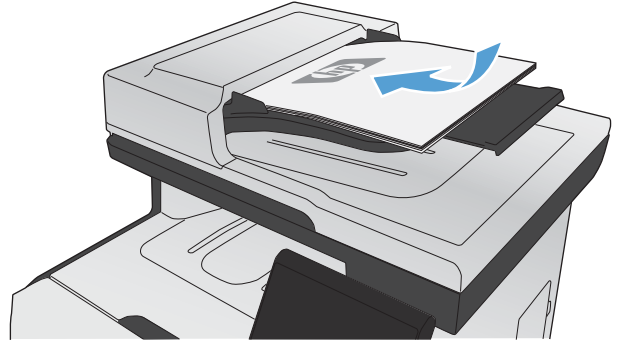
2. From the Home screen, touch the **Fax** button.
3. Use the keypad to type the fax number.
4. Touch the **Start Fax** button.
5. The product prompts you to confirm that you are sending from the scanner glass. Touch the **Yes** button.
6. The product prompts you to load the first page. Touch the **OK** button.
7. The product scans the first page and then prompts you to load another page. If the document has multiple pages, touch the **Yes** button. Continue this process until you have scanned all the pages.
8. When you have scanned the last page, touch the **No** button at the prompt. The product sends the fax.

# Fax from the document feeder

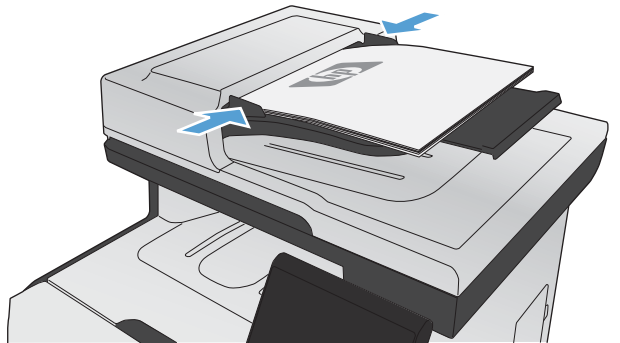
1. Insert the originals into the document feeder face-up.

**NOTE:** The document feeder capacity is up to 50 sheets of 75 g/m<sup>2</sup> or 20 lb paper.

**CAUTION:** To prevent damage to the product, do not use an original that contains correction tape, correction fluid, paper clips, or staples. Also, do not load photographs, small originals, or fragile originals into the document feeder.



2. Adjust the paper guides until they are snug against the paper.



3. From the Home screen, touch the **Fax** button.
4. Use the keypad to type the fax number.
5. Touch the **Start Fax** button.




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# 11 Manage and maintain

- [Print information pages](#)
- [Use the HP Embedded Web Server](#)
- [Use HP Web Jetadmin software](#)
- [Install memory DIMMs](#)
- [Clean the product](#)
- [Product updates](#)

# Print information pages

Information pages reside within the product memory. These pages help diagnose and solve problems with the product.

 **NOTE:** If the product language was not correctly set during installation, you can set the language manually so the information pages print in one of the supported languages. Change the language by using the [System Setup](#) menu on the control panel or the HP Embedded Web Server.

1. From the Home screen, touch the Setup  button.
2. Touch the [Reports](#) button.
3. Touch the name of the report that you want to print.

Menu Item	Description
Demo Page	Prints a page that demonstrates print quality
Menu Structure	Prints a control-panel menu layout map.
Configuration Report	Prints a list of the product settings
Supplies Status	Prints the print-cartridge status. Includes the following information: <ul style="list-style-type: none"><li>• Estimated percentage of cartridge life remaining</li><li>• Approximate pages remaining</li><li>• Part numbers for HP print cartridges</li><li>• Number of pages printed</li><li>• Information about ordering new HP print cartridges and recycling used HP print cartridges</li></ul>
Network Summary	Displays status for: <ul style="list-style-type: none"><li>• Network hardware configuration</li><li>• Enabled features</li><li>• TCP/IP and SNMP information</li><li>• Network statistics</li><li>• Wireless network configuration (wireless models only)</li></ul>
Usage Page	Displays the number of pages printed, faxed, copied, and scanned by the product
PCL Font List	Prints a list of all installed PCL 5 fonts
PS Font List	Prints a list of all installed PS fonts
PCL6 Font List	Prints a list of all installed PCL 6 fonts
Color Usage Log	Prints information about the color supply usage
Service Page	Prints the service page

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<b>Menu Item</b>	<b>Description</b>
<a href="#">Diagnostics Page</a>	Prints diagnostic information about calibration and color quality
<a href="#">Print Quality Page</a>	Prints a page that helps solve problems with print quality

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# Use the HP Embedded Web Server

This product is equipped with an embedded Web server (EWS), which provides access to information about product and network activities. A Web server provides an environment in which web programs may run, much in the same way that an operating system, such as Windows, provides an environment for programs to run on a computer. The output from these programs can then be displayed by a Web browser, such as Microsoft Internet Explorer, Safari, or Netscape Navigator.

An “embedded” Web server resides on a hardware device (such as an HP LaserJet product) or in firmware, rather than as software that is loaded on a network server.

The advantage of an EWS is that it provides an interface to the product that anyone with a network-connected product and computer can use. There is no special software to install or configure, but you must have a supported Web browser on the computer. To gain access to the EWS, type the IP address for the product in the address line of the browser. To find the IP address, print a configuration page.

---

 **NOTE:** For Macintosh operating systems, you can use the EWS over a USB connection after installing the Macintosh software included with the product.


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## Open the HP Embedded Web Server


To open the HP Embedded Web Server, type the IP address or host name of the product in the address field of a supported Web browser. To find the IP address or host name, print a configuration page.

You can also open the HP Embedded Web Server from the printer driver. Open the **Services** tab and click the supplies icon.

---

 **NOTE:** If an error occurs while opening the HP Embedded Web Server, confirm that the proxy settings are correct for your network.

---

 **TIP:** After you open the URL, bookmark it so that you can return to it quickly in the future.

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## Features

The EWS allows you to view product and network status and manage printing functions from a computer. With the EWS, you can complete the following tasks:

- View product status information
- Enable HP Web Services, including HP ePrint.
- Determine the remaining life on all supplies and order new ones
- View and change part of the product configuration
- View and print some internal pages
- Select the language in which to display the EWS pages and control panel messages
- View and change network configuration
- Set, change, or clear the product security password.





**NOTE:** Changing network settings in the EWS might disable some of product software or features.

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## Use HP Web Jetadmin software

HP Web Jetadmin is an award-winning, industry-leading tool for efficiently managing a wide variety of networked HP devices, including printers, multifunction products, and digital senders. This single solution allows you to remotely install, monitor, maintain, troubleshoot, and secure your printing and imaging environment — ultimately increasing business productivity by helping you save time, control costs, and protect your investment.

HP Web Jetadmin updates are periodically made available to provide support for specific product features. Visit [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin) and click the **Self Help and Documentation** link to learn more about updates.

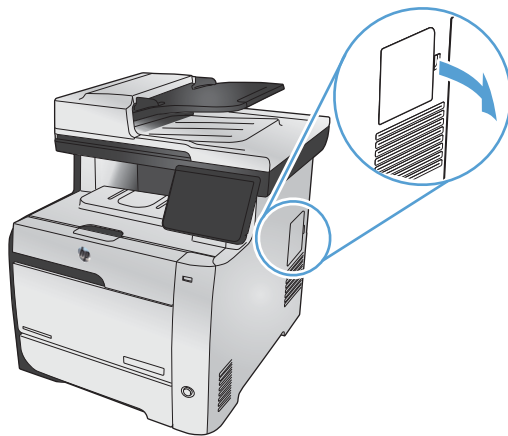
## Install memory DIMMs

This product comes with 192-megabyte (MB) random-access memory installed. You can install an additional 256-megabyte of memory for the product by adding a dual inline memory module (DIMM). You can also install a font DIMM to allow the product to print characters (for example, Chinese language or the Cyrillic alphabet characters).

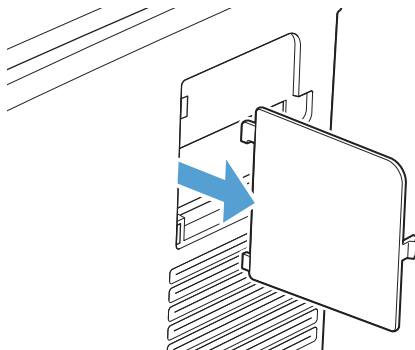
**⚠ CAUTION:** Static electricity can damage electronic parts. When handling electronic parts, either wear an antistatic wrist strap, or frequently touch the surface of the antistatic package and then touch bare metal on the product.

### Install memory DIMMs

1. Turn the product off, and then disconnect all power and interface cables.
2. On the right side of the product, open the DIMM access door.

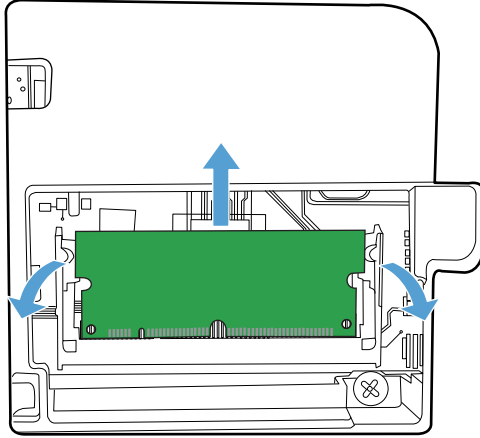


3. Remove the DIMM access door.

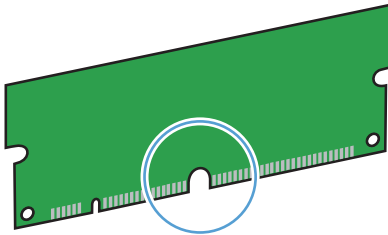


4. To replace a DIMM that is currently installed, spread the latches apart on each side of the DIMM slot, lift the DIMM up at an angle, and pull it out.

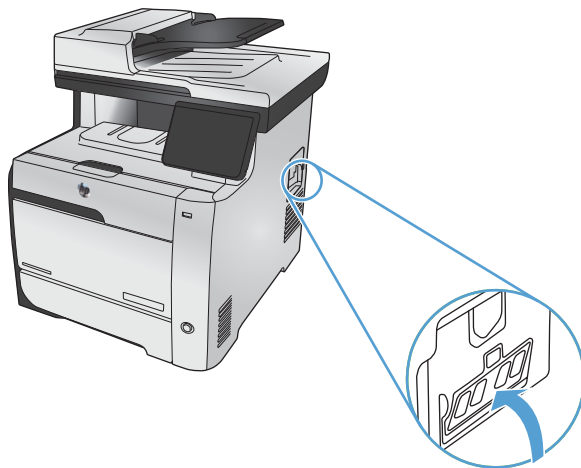
**⚠ CAUTION:** Static electricity can damage electronic parts. When handling electronic parts, either wear an antistatic wrist strap, or frequently touch the surface of the antistatic package and then touch bare metal on the product.




5. Remove the new DIMM from the antistatic package, and then locate the alignment notch on the bottom edge of the DIMM.

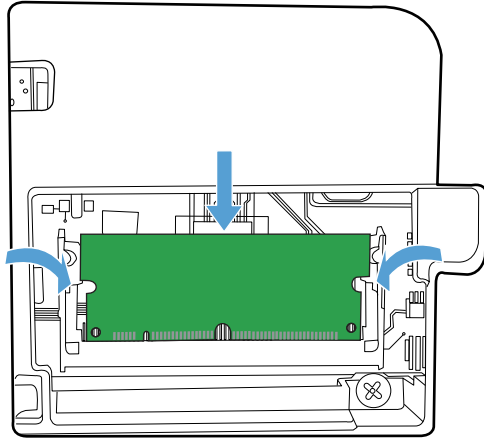


6. Holding the DIMM by the edges, align the notch on the DIMM with the bar in the DIMM slot at an angle.

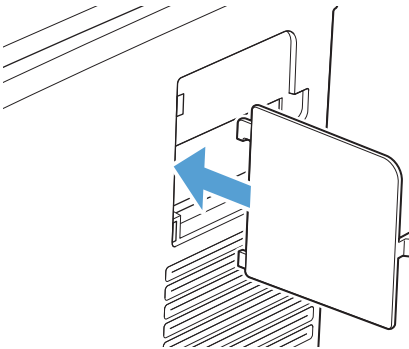


7. Push down on the DIMM until both latches engage the DIMM. When the installation is correct, the metal contacts are not visible.

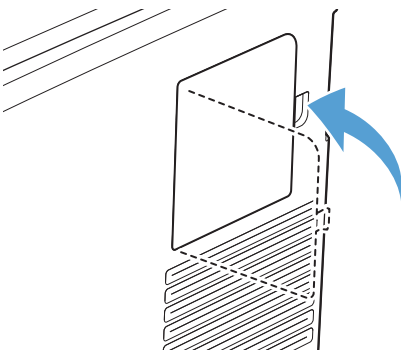
 **NOTE:** If you have difficulty inserting the DIMM, make sure that the notch on the bottom of the DIMM is aligned with the bar in the slot. If the DIMM still does not go in, make sure that you are using the correct DIMM type.



8. Reinsert the DIMM access door.



9. Close the DIMM access door.



10. Reconnect the power cable and USB or network cable, and then turn on the product.

## Enable memory

---

### Windows XP, Windows Server 2003, Windows Server 2008, and Windows Vista

1. Click **Start**.
2. Click **Settings**.
3. Click **Printers and Faxes** (using the default Start menu view) or click **Printers** (using the Classic Start menu view).
4. Right-click the product driver icon, and then select **Properties**.
5. Click the **Device Settings** tab.
6. Expand the area for **Installable Options**.
7. Next to **Automatic Configuration**, select **Update Now**.
8. Click **OK**.

**NOTE:** If the memory is not updated correctly after using the **Update Now** option, you can manually select the total amount of memory installed in the product in the **Installable Options** area.

The **Update Now** option overwrites any existing product configuration settings.

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### Windows 7


1. Click **Start**.
2. Click **Devices and Printers**.
3. Right-click the product driver icon, and then select **Printer properties**.
4. Click the **Device Settings** tab.
5. Expand the area for **Installable Options**.
6. Next to **Automatic Configuration**, select **Update Now**.
7. Click **OK**.

**NOTE:** If the memory is not updated correctly after using the **Update Now** option, you can manually select the total amount of memory installed in the product in the **Installable Options** area.

The **Update Now** option overwrites any existing product configuration settings.

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### Mac OS X 10.5 and 10.6


1. From the Apple menu , click the **System Preferences** menu and then click the **Print & Fax** icon.
  2. Select the product in the left side of the window.
  3. Click the **Options & Supplies** button.
  4. Click the **Driver** tab.
  5. Configure the installed options.
-

## Check DIMM installation

After installing the DIMM, make sure that the installation was successful.

1. Turn the product on. Check that the Ready light is illuminated after the product has gone through the startup sequence. If an error message appears, a DIMM might have been incorrectly installed.
2. Print a configuration page.
3. Check the memory section on the configuration page and compare it to the configuration page that was printed before the memory installation. If the amount of memory has not increased, the DIMM might not be installed correctly, or the DIMM might be defective. Repeat the installation procedure. If necessary, install a different DIMM.

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 **NOTE:** If you installed a product language (personality), check the "Installed Personalities and Options" section on the configuration page. This area should list the new product language.

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## Memory allocation

Utilities or jobs that you download to the product sometimes include resources (for example, fonts, macros, or patterns). Resources that are internally marked as permanent remain in the product memory until you turn the product off.

Use the following guidelines if you use the page description language (PDL) ability to mark resources as permanent. For technical details, see an appropriate PDL reference for PCL or PS.

- Mark resources as permanent only when it is absolutely necessary that they remain in memory while the product is turned on.
- Send permanent resources to the product only at the beginning of a print job and not while the product is printing.

---

 **NOTE:** Overusing permanent resources or downloading them while the product is printing might affect product performance or the ability to print complex pages.


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# Clean the product

## Clean the paper path

During the printing process, paper, toner, and dust particles can accumulate inside the product. Over time, this buildup can cause print-quality problems such as toner specks or smearing. This product has a cleaning mode that can correct and prevent these types of problems.

### Clean the paper path from the product control panel

1. From the Home screen, touch the Setup  button.



2. Touch the **Service** menu.
3. Touch the **Cleaning Page** button.
4. Load plain letter or A4 paper when you are prompted.
5. Touch the **OK** button to begin the cleaning process.

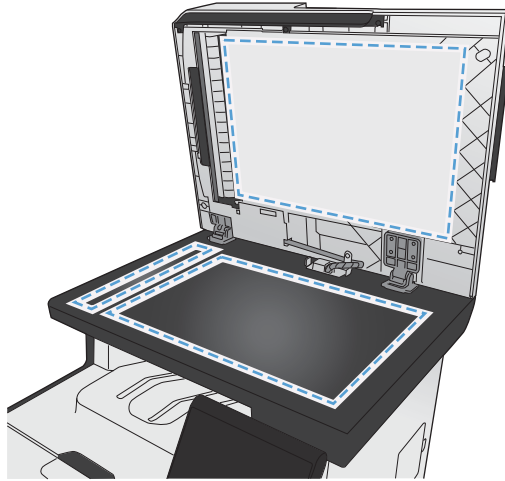
A page feeds through the product slowly. Discard the page when the process is completed.

## Clean the scanner glass strip and platen

Over time, specks of debris might collect on the scanner glass and white plastic backing, which can affect performance. Use the following procedure to clean the scanner glass and white plastic backing.

1. Use the power switch to turn off the product, and then unplug the power cord from the electrical socket.
2. Open the scanner lid.

3. Clean the scanner glass and the white plastic backing with a soft cloth or sponge that has been moistened with nonabrasive glass cleaner.



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**CAUTION:** Do not use abrasives, acetone, benzene, ammonia, ethyl alcohol, or carbon tetrachloride on any part of the product; these can damage the product. Do not place liquids directly on the glass or platen. They might seep and damage the product.

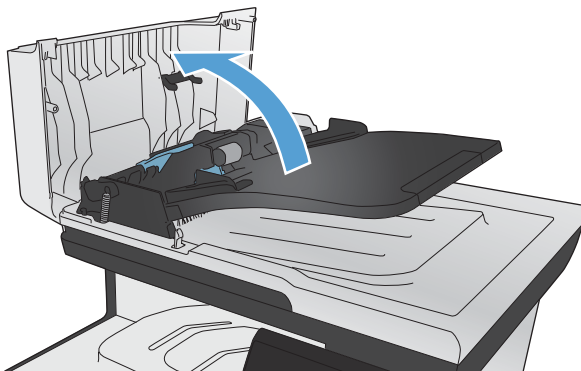
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4. Dry the glass and white plastic backing with a chamois or a cellulose sponge to prevent spotting.
5. Plug in the product, and then use the power switch to turn on the product.

## Clean the document feeder pickup rollers and separation pad

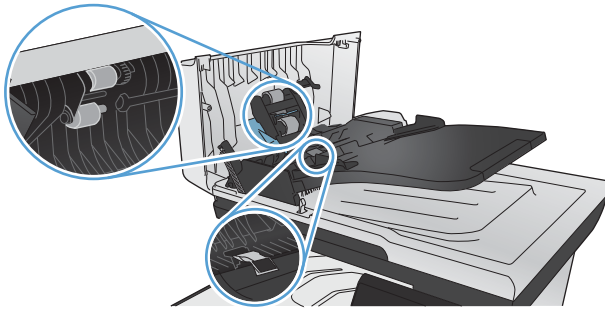
If the product document feeder experiences paper-handling problems, such as jams or multiple-page feeds, clean the document feeder rollers and separation pad.

1. Open the document feeder cover.

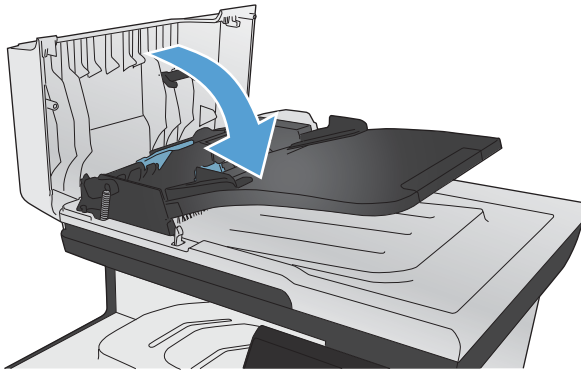




2. Use a moist, lint-free cloth to wipe both pickup rollers and the separation pad to remove dirt.



3. Close the document feeder cover.



## Clean the touch screen

Clean the touch screen whenever it is necessary to remove fingerprints or dust. Wipe the touch screen gently with a clean, water-dampened, lint-free cloth.

**⚠ CAUTION:** Use water only. Solvents or cleaners can damage the touch screen. Do not pour or spray water directly onto the touch screen.

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## Product updates

Software and firmware updates and installation instructions for this product are available at [www.hp.com/go/LJColorMFPM375](http://www.hp.com/go/LJColorMFPM375) or [www.hp.com/go/LJColorMFPM475](http://www.hp.com/go/LJColorMFPM475). Click **Support & Drivers**, click the operating system, and then select the download for the product.

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# 12 Solve problems

- [Self help](#)
- [Problem-solving checklist](#)
- [Factors that affect product performance](#)
- [Restore the factory-set defaults](#)
- [Paper feeds incorrectly or becomes jammed](#)

# Self help

In addition to the information in this guide, other sources are available that provide helpful information.

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HP Help and Learn Center	The HP Help and Learn Center and other documentation are on the CD that came with the product or in the HP Program folder on your computer. The HP Help and Learn Center is a product help tool that provides easy access to product information, HP product Web support, troubleshooting, and regulatory and safety information.
Quick Reference Topics	Several Quick Reference Topics for this product are available at this Web site: <a href="http://www.hp.com/go/LJColorMFPM375">www.hp.com/go/LJColorMFPM375</a> or <a href="http://www.hp.com/go/LJColorMFPM475">www.hp.com/go/LJColorMFPM475</a>  You can print these topics and keep them near the product. They are a handy reference for procedures that you perform frequently.
Quick Reference Guide	This guide contains procedures for the most commonly used product functions. The guide is available from this Web site: <a href="http://www.hp.com/go/LJColorMFPM375">www.hp.com/go/LJColorMFPM375</a> or <a href="http://www.hp.com/go/LJColorMFPM475">www.hp.com/go/LJColorMFPM475</a>  You can print this guide and keep it near the product.
Control panel help	The control panel has built-in help that guides you through several tasks, such as replacing print cartridges and clearing jams.

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# Problem-solving checklist

Follow these steps when trying to solve a problem with the product.

- [Step 1: Check that the product power is on](#)
- [Step 2: Check the control panel for error messages](#)
- [Step 3: Test print functionality](#)
- [Step 4: Test copy functionality](#)
- [Step 5: Test the fax sending functionality](#)
- [Step 6: Try sending a print job from a computer](#)
- [Step 7: Test the walk-up USB printing functionality](#)


## Step 1: Check that the product power is on

1. Make sure the product is plugged in and turned on.
2. Make sure the power cable is connected to the product and the outlet.
3. Check the power source by connecting the power cable to a different outlet.
4. If the product motors do not rotate, make sure the print cartridges are installed and that the doors are all closed. The control panel displays messages to indicate these problems.
5. If the document feeder motor does not rotate, open the document feeder cover and remove any packing material or shipping tape.
6. If the scanner bulb does not light during copying, scanning, or faxing, contact HP support.

## Step 2: Check the control panel for error messages

The control panel should indicate ready status. If an error message appears, resolve the error.

## Step 3: Test print functionality

1. From the control panel Home screen, touch the Setup  button.
2. Open the [Reports](#) menu, and select the [Configuration Report](#) item to print the report.
3. If the report does not print, make sure paper is loaded in the tray, and check the control panel to see if paper is jammed inside the product.



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**NOTE:** Make sure the paper in the tray meets specifications for this product.

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## Step 4: Test copy functionality

1. Place the configuration page into the document feeder and make a copy. If paper does not feed smoothly through the document feeder, you might need to clean the document feeder rollers and separation pad. Make sure the paper meets specifications for this product.
2. Place the configuration page onto the scanner glass and make a copy.
3. If the print quality on the copied pages is not acceptable, clean the scanner glass and the small glass strip.

## Step 5: Test the fax sending functionality

1. From the control panel Home screen, touch the Setup  button.
2. Open the [Service](#) menu, and then open the [Fax Service](#) menu. Touch the [Run Fax Test](#) button to test the fax functionality.
3. Touch the [Fax](#) button on the product control panel, and then touch the [Start Fax](#) button.

## Step 6: Try sending a print job from a computer

1. Use a word-processing program to send a print job to the product.
2. If the job does not print, make sure you selected the correct printer driver.
3. Uninstall and then reinstall the product software.

## Step 7: Test the walk-up USB printing functionality

1. Load a .PDF document or .JPEG photo onto a USB flash drive, and insert it in the slot on the front of the product.
2. The [USB Flash Drive](#) menu opens. Try printing the document or photo.
3. If no documents are listed, try a different type of USB flash drive.

# Factors that affect product performance

Several factors affect the time it takes to print a job:


- The software program that you are using and its settings
- The use of special paper (such as transparencies, heavy paper, and custom-size paper)
- Product processing and download time
- The complexity and size of graphics
- The speed of the computer you are using
- The USB or network connection
- Whether the product is printing in color or in monochrome
- The type of USB flash drive, if you are using one

## Restore the factory-set defaults

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**⚠ CAUTION:** Restoring the factory-set defaults returns all of the product and network settings to the factory defaults, and it also clears the fax header name, phone number, and any stored faxes in the product memory. This procedure also clears the fax phone book, and deletes any pages that are stored in the memory. The procedure then automatically restarts the product.

---

1. On the product control panel, touch the Setup  button.
2. Scroll to and touch the **Service** menu.
3. Scroll to and touch the **Restore Defaults** button, and then touch the **OK** button.

The product automatically restarts.

# Paper feeds incorrectly or becomes jammed

- [The product does not pick up paper](#)
- [The product picks up multiple sheets of paper](#)
- [Prevent paper jams](#)
- [Clear jams](#)

## The product does not pick up paper

If the product does not pick up paper from the tray, try these solutions.

1. Open the product and remove any jammed sheets of paper.
2. Load the tray with the correct size of paper for your job.
3. Make sure the paper guides in the tray are adjusted correctly for the size of paper. Align the guides with the paper-size markings in the bottom of the tray.
4. Check the product control panel to see if the product is waiting for you to acknowledge a prompt to feed the paper manually. Load paper, and continue.

## The product picks up multiple sheets of paper

If the product picks up multiple sheets of paper from the tray, try these solutions.

1. Remove the stack of paper from the tray and flex it, rotate it 180 degrees, and flip it over. *Do not fan the paper.* Return the stack of paper to the tray.
2. Use only paper that meets HP specifications for this product.
3. Use paper that is not wrinkled, folded, or damaged. If necessary, use paper from a different package.
4. Make sure the tray is not overfilled. If it is, remove the entire stack of paper from the tray, straighten the stack, and then return some of the paper to the tray.
5. Make sure the paper guides in the tray are adjusted correctly for the size of paper. Align the guides with the paper-size markings in the bottom of the tray.

## Prevent paper jams

To reduce the number of paper jams, try these solutions.

1. Use only paper that meets HP specifications for this product.
2. Use paper that is not wrinkled, folded, or damaged. If necessary, use paper from a different package.
3. Use paper that has not previously been printed or copied on.

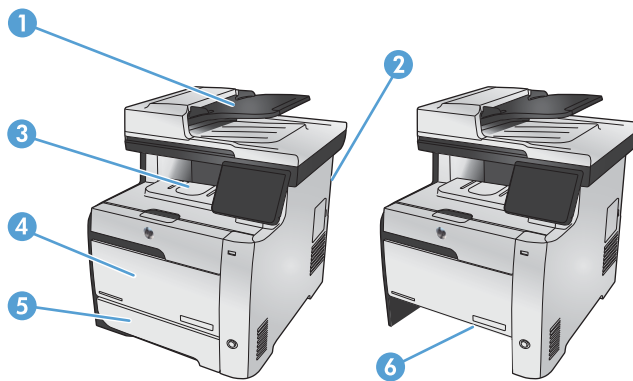


4. Make sure the tray is not overfilled. If it is, remove the entire stack of paper from the tray, straighten the stack, and then return some of the paper to the tray.
5. Make sure the paper guides in the tray are adjusted correctly for the size of paper. Adjust the guides so they are touching the paper stack without bending it.
6. Make sure that the tray is fully inserted in the product.
7. If you are printing on heavy, embossed, or perforated paper, use the manual feed feature and feed sheets one at a time.

## Clear jams

### Jam locations

Jams can occur in these locations:

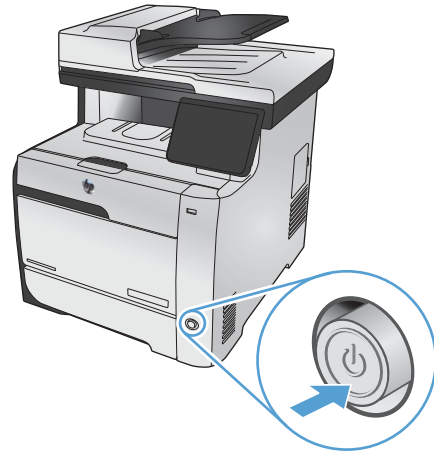


1	Document feeder
2	Rear door
3	Output bin
4	Tray 1
5	Tray 2
6	Tray 2 jam-access area

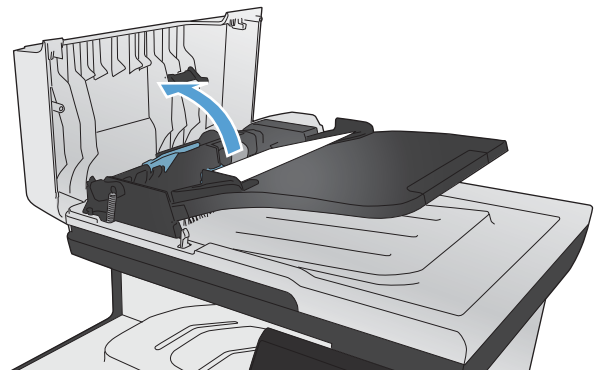
Loose toner might remain in the product after a jam. This problem typically resolves itself after a few sheets have been printed.

## Clear jams from the document feeder

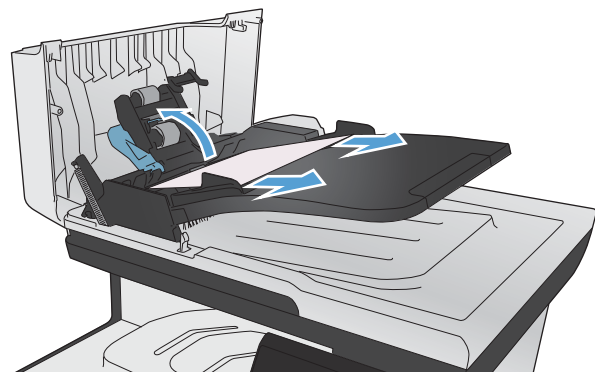
1. Turn the product off.



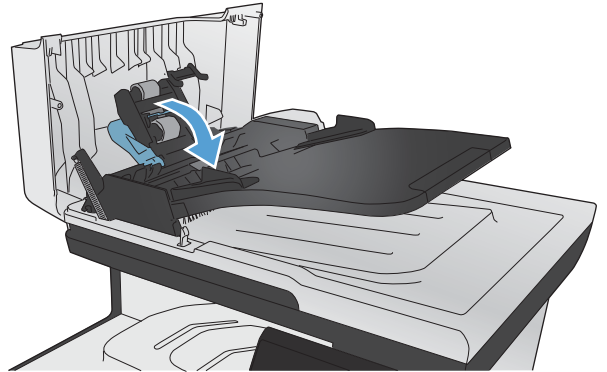
2. Open the document feeder cover.



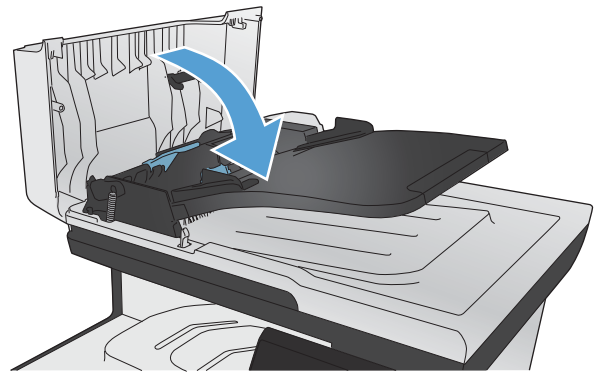
3. Lift the document feeder roller assembly, and gently pull the jammed paper out.



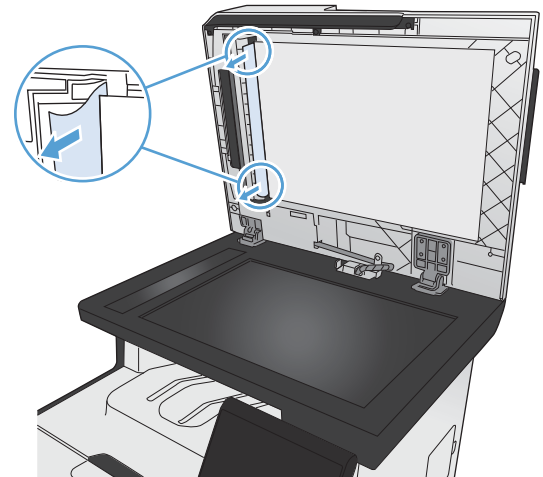
4. Close the document feeder roller assembly.



5. Close the document feeder cover.



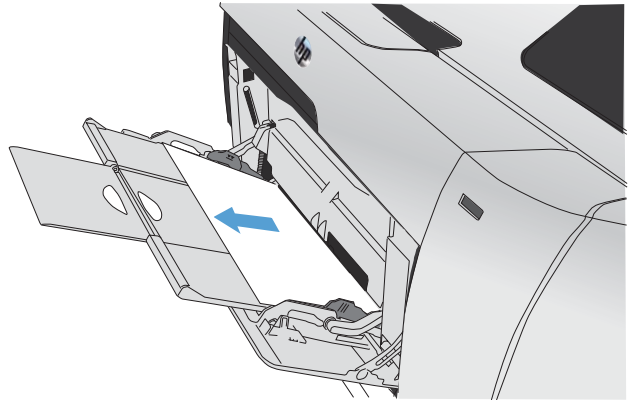
6. Open the scanner lid. If paper is jammed behind the white plastic backing, gently pull it out.



## Clear jams in Tray 1

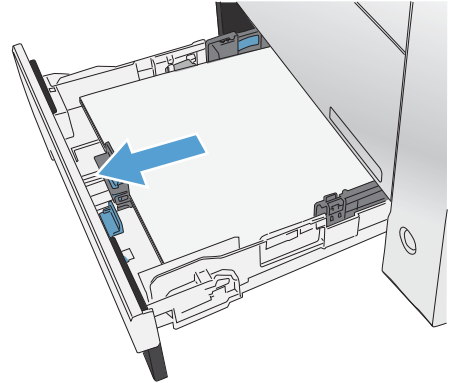
1. Pull the jammed sheet from Tray 1.

**NOTE:** If the sheet tears, make sure that all of the fragments are removed before you resume printing.

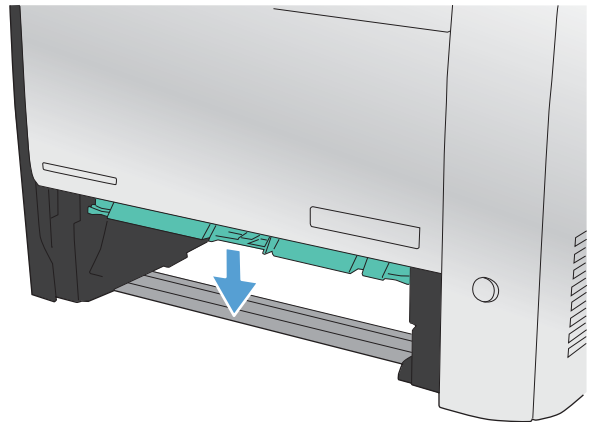


## Clear jams in Tray 2

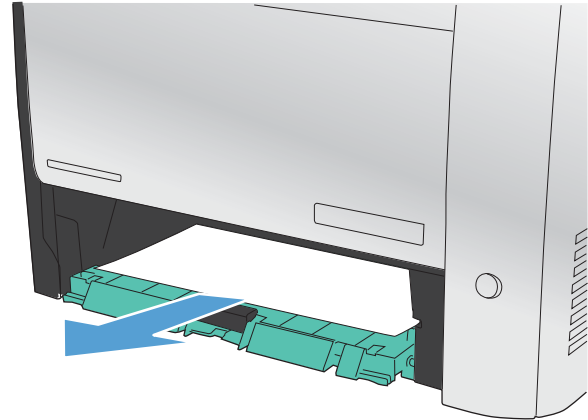
1. Pull out Tray 2 and place it on a flat surface.



2. Lower the jam-access tray.

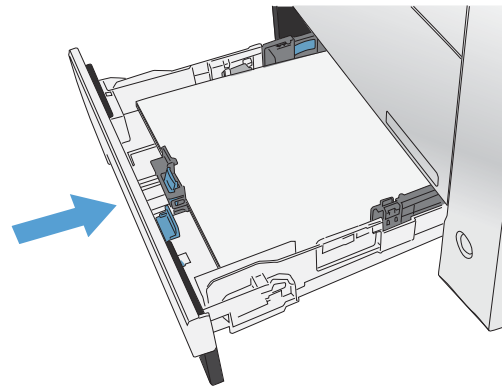


3. Remove the jammed sheet by pulling it straight out.



4. Push the jam-access tray up to close it, and then replace Tray 2.

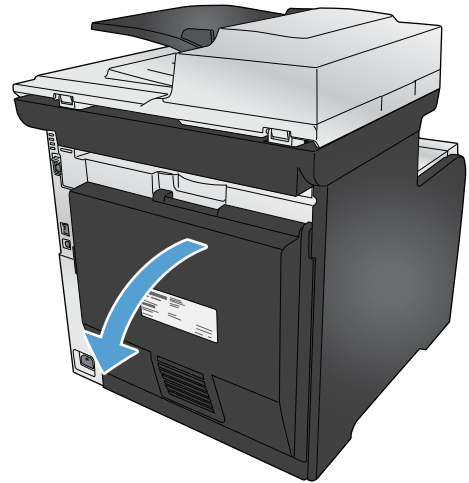
**NOTE:** To close the tray, push in the middle or with even pressure on both sides. Avoid pushing on one side only.



## Clear jams in the fuser area

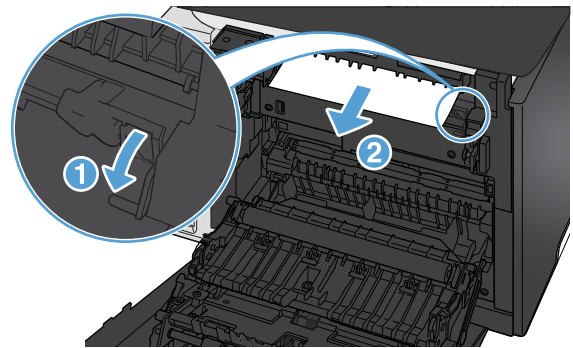
1. Open the rear door.

**CAUTION:** The fuser, located in the back of the product, is hot. Wait for the fuser to cool before continuing.



2. If necessary, push the guide (callout 1) and remove any visible paper (callout 2) from the bottom of the delivery area.

**NOTE:** If the sheet tears, make sure that all fragments are removed before you resume printing. Do not use sharp objects to remove fragments.



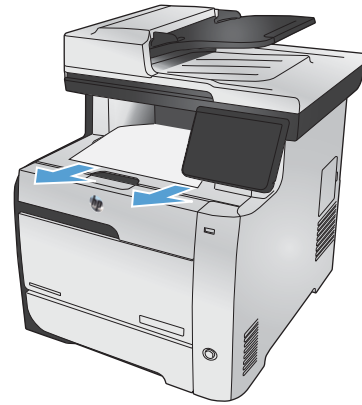
3. Close the rear door.



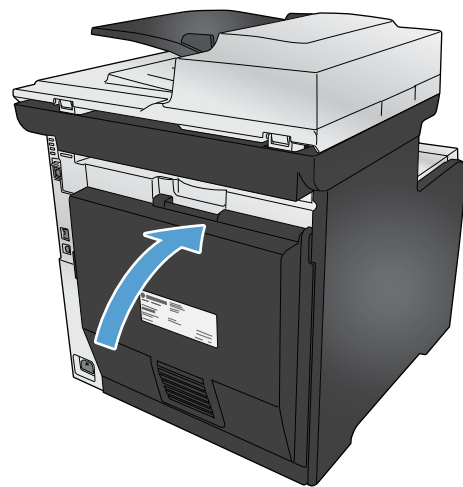
## Clear jams in the output bin

1. Look for jammed paper in the output bin area.
2. Remove any visible media.

**NOTE:** If the sheet tears, make sure that all fragments are removed before resuming printing.



3. Open and then close the rear door to clear the message.

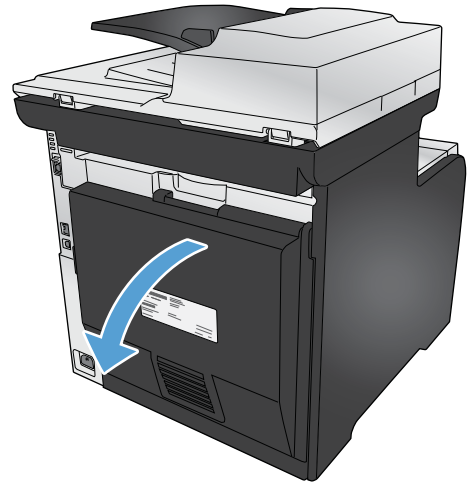




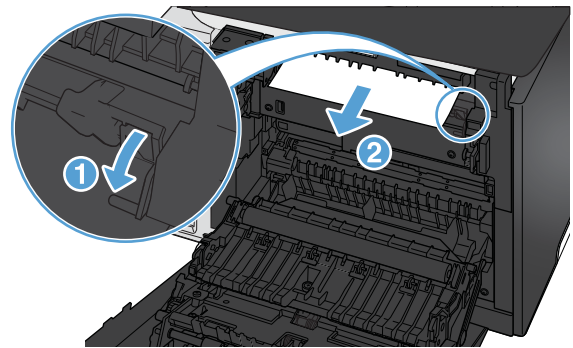
## Clear jams in the duplexer (duplexing models only)

1. Open the rear door.

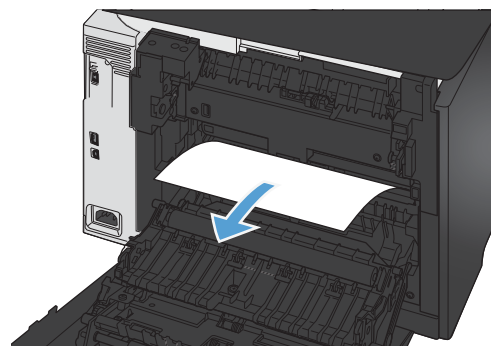
**CAUTION:** The fuser, located in the back of the product, is hot. Wait for the fuser to cool before continuing.



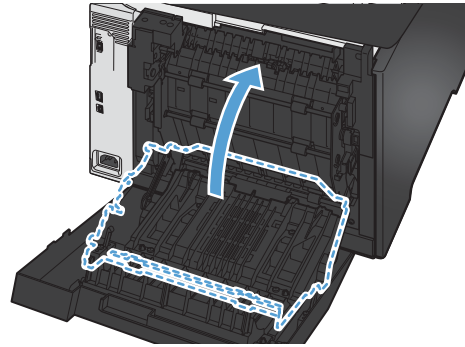
2. If necessary, pull the guide (callout 1) and remove any visible paper (callout 2) from the bottom of the delivery area.



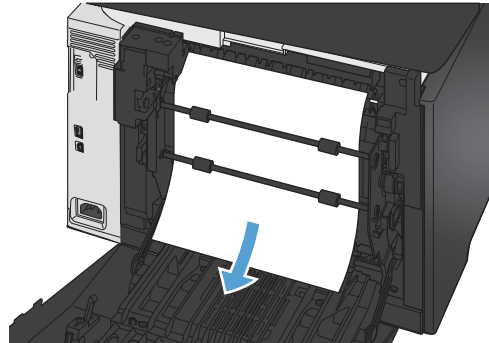
3. If necessary, remove any visible paper from bottom side of the duplexing unit.



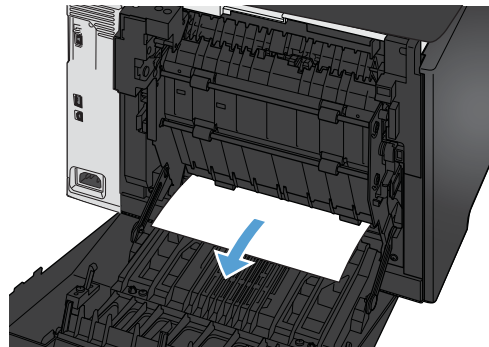
4. If you can not see any jammed paper, lift the duplexing unit using the tab on the side of the duplexing unit.



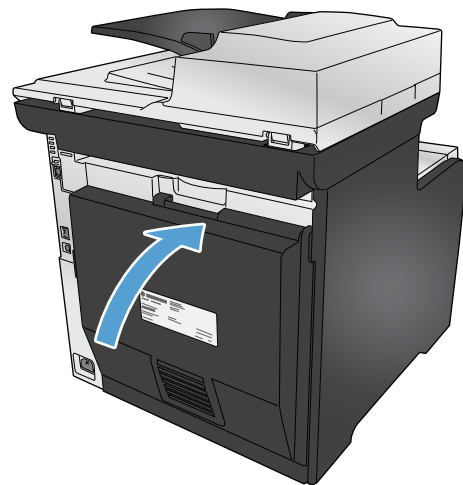
5. If you can see the trailing edge of the paper, remove the paper from the product.



6. If you can see the leading edge of the paper, remove it from the product.



7. Close the rear door.



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# A Supplies and accessories


- [Order parts, accessories, and supplies](#)
- [Part numbers](#)

# Order parts, accessories, and supplies

Order supplies and paper	<a href="http://www.hp.com/go/suresupply">www.hp.com/go/suresupply</a>
Order genuine HP parts or accessories	<a href="http://www.hp.com/buy/parts">www.hp.com/buy/parts</a>
Order through service or support providers	Contact an HP-authorized service or support provider.

## Part numbers

Item	Part number	Cartridge number	Description
Print cartridges	CE410A	305A	Standard-capacity black print cartridge with HP ColorSphere toner
	CE410X	305X	High-capacity black print cartridge with HP ColorSphere toner
	CE411A	305A	Cyan print cartridge with HP ColorSphere toner
	CE412A	305A	Yellow print cartridge with HP ColorSphere toner
	CE413A	305A	Magenta print cartridge with HP ColorSphere toner
Memory	CB423A		256 MB memory DIMM
Paper-handling accessories	CF106A		250-sheet paper feeder (optional Tray 3)
USB cable	8121-0868		2-meter A-to-B cable

 **NOTE:** For information about the yield for the cartridges, see [www.hp.com/go/pageyield](http://www.hp.com/go/pageyield). Actual yield depends on specific use.

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## B Service and support

- [Hewlett-Packard limited warranty statement](#)
- [HP's Premium Protection Warranty: LaserJet print cartridge limited warranty statement](#)
- [Data stored on the print cartridge](#)
- [End User License Agreement](#)
- [OpenSSL](#)
- [Customer support](#)
- [Repack the product](#)

# Hewlett-Packard limited warranty statement

HP PRODUCT	DURATION OF LIMITED WARRANTY
HP LaserJet Pro 300 color MFP M375nw and HP LaserJet Pro 400 color MFP M475dn, and M475dw	One year from date of purchase

HP warrants to you, the end-user customer, that HP hardware and accessories will be free from defects in materials and workmanship after the date of purchase, for the period specified above. If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace products which prove to be defective. Replacement products may be either new or equivalent in performance to new.

HP warrants to you that HP software will not fail to execute its programming instructions after the date of purchase, for the period specified above, due to defects in material and workmanship when properly installed and used. If HP receives notice of such defects during the warranty period, HP will replace software which does not execute its programming instructions due to such defects.

HP does not warrant that the operation of HP products will be uninterrupted or error free. If HP is unable, within a reasonable time, to repair or replace any product to a condition as warranted, you will be entitled to a refund of the purchase price upon prompt return of the product.

HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.

Warranty does not apply to defects resulting from (a) improper or inadequate maintenance or calibration, (b) software, interfacing, parts or supplies not supplied by HP, (c) unauthorized modification or misuse, (d) operation outside of the published environmental specifications for the product, or (e) improper site preparation or maintenance.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTIES ARE EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. Some countries/regions, states or provinces do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights and you might also have other rights that vary from country/region to country/region, state to state, or province to province.

HP's limited warranty is valid in any country/region or locality where HP has a support presence for this product and where HP has marketed this product. The level of warranty service you receive may vary according to local standards. HP will not alter form, fit or function of the product to make it operate in a country/region for which it was never intended to function for legal or regulatory reasons.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR LOSS OF DATA OR FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some countries/regions, states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

## HP's Premium Protection Warranty: LaserJet print cartridge limited warranty statement

This HP product is warranted to be free from defects in materials and workmanship.

This warranty does not apply to products that (a) have been refilled, refurbished, remanufactured or tampered with in any way, (b) experience problems resulting from misuse, improper storage, or operation outside of the published environmental specifications for the printer product or (c) exhibit wear from ordinary use.

To obtain warranty service, please return the product to place of purchase (with a written description of the problem and print samples) or contact HP customer support. At HP's option, HP will either replace products that prove to be defective or refund your purchase price.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTY IS EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.

TO THE EXTENT ALLOWED BY LOCAL LAW, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.

THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.



## Data stored on the print cartridge

The HP print cartridges used with this product contain a memory chip that assists in the operation of the product.

In addition, this memory chip collects a limited set of information about the usage of the product, which might include the following: the date when the print cartridge was first installed, the date when the print cartridge was last used, the number of pages printed using the print cartridge, the page coverage, the printing modes used, any printing errors that might have occurred, and the product model. This information helps HP design future products to meet our customers' printing needs.

The data collected from the print cartridge memory chip does not contain information that can be used to identify a customer or user of the print cartridge or their product.

HP collects a sampling of the memory chips from print cartridges returned to HP's free return and recycling program (HP Planet Partners: [www.hp.com/recycle](http://www.hp.com/recycle)). The memory chips from this sampling are read and studied in order to improve future HP products. HP partners who assist in recycling this print cartridge might have access to this data, as well.

Any third party possessing the print cartridge might have access to the anonymous information on the memory chip. If you prefer to not allow access to this information, you can render the chip inoperable. However, after you render the memory chip inoperable, the memory chip cannot be used in an HP product.

# End User License Agreement

**PLEASE READ CAREFULLY BEFORE USING THIS SOFTWARE PRODUCT:** This End-User License Agreement (“EULA”) is a contract between (a) you (either an individual or the entity you represent) and (b) Hewlett-Packard Company (“HP”) that governs your use of the software product (“Software”). This EULA does not apply if there is a separate license agreement between you and HP or its suppliers for the Software, including a license agreement in online documentation. The term “Software” may include (i) associated media, (ii) a user guide and other printed materials, and (iii) “online” or electronic documentation (collectively “User Documentation”).

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- 4. TRANSFER.**
  - a.** Third Party Transfer. The initial end user of the HP Software may make a one-time transfer of the HP Software to another end user. Any transfer will include all component parts, media, User Documentation, this EULA, and if applicable, the Certificate of Authenticity. The transfer may not be an indirect transfer, such as a consignment. Prior to the transfer, the end user receiving the transferred Software will agree to this EULA. Upon transfer of the HP Software, your license is automatically terminated.
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- 7. CONSENT TO USE OF DATA.** HP and its affiliates may collect and use technical information you provide in relation to (i) your Use of the Software or the HP Product, or (ii) the provision of support services related to the Software or the HP Product. All such information will be subject to HP's privacy policy. HP will not use such information in a form that personally identifies you except to the extent necessary to enhance your Use or provide support services.
- 8. LIMITATION OF LIABILITY.** Notwithstanding any damages that you might incur, the entire liability of HP and its suppliers under this EULA and your exclusive remedy under this EULA will be limited to the greater of the amount actually paid by you for the Product or U.S. \$5.00. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOST PROFITS, LOST DATA, BUSINESS INTERRUPTION, PERSONAL INJURY, OR LOSS OF PRIVACY) RELATED IN ANY WAY TO THE USE OF OR INABILITY TO USE THE SOFTWARE, EVEN IF HP OR ANY SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND EVEN IF THE ABOVE REMEDY FAILS OF ITS ESSENTIAL PURPOSE. Some states or other jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
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- 10. COMPLIANCE WITH EXPORT LAWS.** You will comply with all laws, rules, and regulations (i) applicable to the export or import of the Software, or (ii) restricting the Use of the Software, including any restrictions on nuclear, chemical, or biological weapons proliferation.
- 11. RESERVATION OF RIGHTS.** HP and its suppliers reserve all rights not expressly granted to you in this EULA.

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Rev. 04/09

# OpenSSL

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)). This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).

# Customer support

Get telephone support for your country/region	Country/region phone numbers are on the flyer that was in the box with your product or at <a href="http://www.hp.com/support/">www.hp.com/support/</a> .
Have the product name, serial number, date of purchase, and problem description ready.	
Get 24-hour Internet support	<a href="http://www.hp.com/go/LJColorMFP375">www.hp.com/go/LJColorMFP375</a> or <a href="http://www.hp.com/go/LJColorMFP475">www.hp.com/go/LJColorMFP475</a>
Get support for products used with a Macintosh computer	<a href="http://www.hp.com/go/macosex">www.hp.com/go/macosex</a>
Download software utilities, drivers, and electronic information	<a href="http://www.hp.com/go/LJColorMFP375_software">www.hp.com/go/LJColorMFP375_software</a> or <a href="http://www.hp.com/go/LJColorMFP475_software">www.hp.com/go/LJColorMFP475_software</a>
Order additional HP service or maintenance agreements	<a href="http://www.hp.com/go/carepack">www.hp.com/go/carepack</a>
Register your product	<a href="http://www.register.hp.com">www.register.hp.com</a>

# Repack the product

If HP Customer Care determines that your product needs to be returned to HP for repair, follow these steps to repack the product before shipping it.

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**⚠ CAUTION:** Shipping damage as a result of inadequate packing is the customer's responsibility.

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1. Remove and retain the print cartridges.

**⚠ CAUTION:** It is *extremely important* to remove the print cartridges before shipping the product. A print cartridge that remains in the product during shipping can leak and cover the product engine and other parts with toner.

To prevent damage to the print cartridges, avoid touching the rollers on them, and store the print cartridges so that they are not exposed to light.

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2. Remove and retain the power cable, interface cable, and any optional accessories.
3. If possible, include print samples and 50 to 100 sheets of paper that did not print correctly.
4. In the U.S., call HP Customer Care to request new packing material. In other areas, use the original packing material, if possible.

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# C Product specifications

- [Physical specifications](#)
- [Power consumption, electrical specifications, and acoustic emissions](#)
- [Environmental specifications](#)

# Physical specifications

**Table C-1 Physical specifications**

Product	Height	Depth	Width	Weight
HP LaserJet Pro 300 color MFP M375nw	500 mm (19.7 inches)	483 mm (19.0 inches)	420 mm (16.5 inches)	28.2 kg (62.2 lb)
HP LaserJet Pro 400 color MFP M475dn	500 mm (19.7 inches)	483 mm (19.0 inches)	420 mm (16.5 inches)	29.5 kg (65.0 lb)
HP LaserJet Pro 400 color MFP M475dw	500 mm (19.7 inches)	483 mm (19.0 inches)	420 mm (16.5 inches)	29.5 kg (65.0 lb)

# Power consumption, electrical specifications, and acoustic emissions

See [www.hp.com/go/LJColorMFPM375\\_regulatory](http://www.hp.com/go/LJColorMFPM375_regulatory) or [www.hp.com/go/LJColorMFPM475\\_regulatory](http://www.hp.com/go/LJColorMFPM475_regulatory) for current information.

**CAUTION:** Power requirements are based on the country/region where the product is sold. Do not convert operating voltages. This will damage the product and void the product warranty.

# Environmental specifications

**Table C-2 Environmental specifications<sup>1</sup>**

	Recommended	Operating	Storage
Temperature	15° to 32.5° C (59° to 90.5° F)	15° to 32.5° C (59° to 90.5° F)	-20° to 40° C (-4° to 104° F)
Relative humidity	20 to 70%	10 to 80%	95% or less
Altitude		0 to 3048 m (0 to 10,000 ft)	

<sup>1</sup> Values are subject to change.



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# D Regulatory information

- [FCC regulations](#)
- [Environmental product stewardship program](#)
- [Declaration of Conformity](#)
- [Declaration of Conformity \(wireless models\)](#)
- [Safety statements](#)
- [Additional statements for telecom \(fax\) products](#)
- [Additional statements for wireless products](#)

## FCC regulations

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If this equipment is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

 **NOTE:** Any changes or modifications to the printer that are not expressly approved by HP could void the user's authority to operate this equipment.

Use of a shielded interface cable is required to comply with the Class B limits of Part 15 of FCC rules.

## Environmental product stewardship program

### Protecting the environment

Hewlett-Packard Company is committed to providing quality products in an environmentally sound manner. This product has been designed with several attributes to minimize impacts on our environment.

### Ozone production

This product generates no appreciable ozone gas (O<sub>3</sub>).

### Power consumption

Power usage drops significantly while in Ready or Sleep mode, which saves natural resources and saves money without affecting the high performance of this product. Hewlett-Packard printing and imaging equipment marked with the ENERGY STAR® logo is qualified to the U.S. Environmental Protection Agency's ENERGY STAR specifications for imaging equipment. The following mark will appear on ENERGY STAR qualified imaging products:



Additional ENERGY STAR qualified imaging product model information is listed at:

## Toner consumption

EconoMode uses less toner, which might extend the life of the print cartridge.

## Paper use

This product's manual/automatic duplex feature (two-sided printing) and N-up printing (multiple pages printed on one page) capability can reduce paper usage and the resulting demands on natural resources.


## Plastics

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

## HP LaserJet print supplies

It's easy to return and recycle your HP LaserJet print cartridges after use—free of charge—with HP Planet Partners. Multilingual program information and instructions are included in every new HP LaserJet print cartridge and supplies package. You help reduce the toll on the environment further when you return multiple cartridges together rather than separately.

HP is committed to providing inventive, high-quality products and services that are environmentally sound, from product design and manufacturing to distribution, customer use and recycling. When you participate in the HP Planet Partners program, we ensure your HP LaserJet print cartridges are recycled properly, processing them to recover plastics and metals for new products and diverting millions of tons of waste from landfills. Since this cartridge is being recycled and used in new materials, it will not be returned to you. Thank you for being environmentally responsible!

 **NOTE:** Use the return label to return original HP LaserJet print cartridges only. Please do not use this label for HP inkjet cartridges, non-HP cartridges, refilled or remanufactured cartridges or warranty returns. For information about recycling your HP inkjet cartridges please go to <http://www.hp.com/recycle>.

## Return and recycling instructions

### United States and Puerto Rico

The enclosed label in the HP LaserJet toner cartridge box is for the return and recycling of one or more HP LaserJet print cartridges after use. Please follow the applicable instructions below.

#### Multiple returns (more than one cartridge)

1. Package each HP LaserJet print cartridge in its original box and bag.
2. Tape the boxes together using strapping or packaging tape. The package can weigh up to 31 kg (70 lb).
3. Use a single pre-paid shipping label.

## OR

1. Use your own suitable box, or request a free bulk collection box from [www.hp.com/recycle](http://www.hp.com/recycle) or 1-800-340-2445 (holds up to 31 kg (70 lb) of HP LaserJet print cartridges).
2. Use a single pre-paid shipping label.

### Single returns

1. Package the HP LaserJet print cartridge in its original bag and box.
2. Place the shipping label on the front of the box.

### Shipping

For US and Puerto Rico HP LaserJet print cartridge recycling returns, use the pre-paid, pre-addressed shipping label contained in the box. To use the UPS label, give the package to the UPS driver during your next delivery or pick-up, or take it to an authorized UPS drop-off center. (Requested UPS Ground pickup will be charged normal pick-up rates) For the location of your local UPS drop-off center, call 1-800-PICKUPS or visit [www.ups.com](http://www.ups.com).

If you are returning the package with the FedEx label, give the package to either the U.S. Postal Service carrier or FedEx driver during your next pick-up or delivery. (Requested FedEx Ground pickup will be charged normal pick-up rates). Or, you can drop off your packaged print cartridge(s) at any U.S. Post Office or any FedEx shipping center or store. For the location of your nearest U.S. Post Office, please call 1-800-ASK-USPS or visit [www.usps.com](http://www.usps.com). For the location of your nearest FedEx shipping center/store, please call 1-800-GOFEDEX or visit [www.fedex.com](http://www.fedex.com).

For more information, or to order additional labels or boxes for bulk returns, visit [www.hp.com/recycle](http://www.hp.com/recycle) or call 1-800-340-2445. Information subject to change without notice.

### Residents of Alaska and Hawaii

Do not use the UPS label. Call 1-800-340-2445 for information and instructions. The U.S. Postal Service provides no-cost cartridge return transportation services under an arrangement with HP for Alaska and Hawaii.

### Non-U.S. returns

To participate in HP Planet Partners return and recycling program, just follow the simple directions in the recycling guide (found inside the packaging of your new product supply item) or visit [www.hp.com/recycle](http://www.hp.com/recycle). Select your country/region for information on how to return your HP LaserJet printing supplies.

### Paper

This product is capable of using recycled papers when the paper meets the guidelines outlined in the *HP LaserJet Printer Family Print Media Guide*. This product is suitable for the use of recycled paper according to EN12281:2002.

### Material restrictions

This HP product does not contain added mercury.

This HP product contains a battery that might require special handling at end-of-life. The batteries contained in or supplied by Hewlett-Packard for this product include the following:

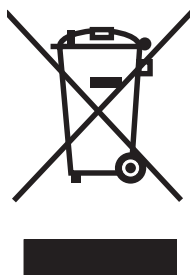
<b>HP LaserJet Pro 300 color MFP M375 and HP LaserJet Pro 400 color MFP M475</b>	
Type	Carbon monofluoride lithium
Weight	0.8 g
Location	On formatter board
User-removable	No



## 廢電池請回收

For recycling information, you can go to [www.hp.com/recycle](http://www.hp.com/recycle), or contact your local authorities or the Electronics Industries Alliance: [www.eiae.org](http://www.eiae.org).

## Disposal of waste equipment by users in private households in the European Union



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## Chemical substances

HP is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at: [www.hp.com/go/reach](http://www.hp.com/go/reach).

## Material Safety Data Sheet (MSDS)

Material Safety Data Sheets (MSDS) for supplies containing chemical substances (for example, toner) can be obtained by accessing the HP Web site at [www.hp.com/go/msds](http://www.hp.com/go/msds) or [www.hp.com/hpinfo/community/environment/productinfo/safety](http://www.hp.com/hpinfo/community/environment/productinfo/safety).

## For more information

To obtain information about these environmental topics:

- Product environmental profile sheet for this and many related HP products
- HP's commitment to the environment
- HP's environmental management system
- HP's end-of-life product return and recycling program
- Material Safety Data Sheets

Visit [www.hp.com/go/environment](http://www.hp.com/go/environment) or [www.hp.com/hpinfo/globalcitizenship/environment](http://www.hp.com/hpinfo/globalcitizenship/environment).

# Declaration of Conformity

## Declaration of Conformity

according to ISO/IEC 17050-1 and EN 17050-1

**Manufacturer's Name:** Hewlett-Packard Company DoC#: BOISB-1002-03-rel.1.0

**Manufacturer's Address:** 11311 Chinden Boulevard  
Boise, Idaho 83714-1021, USA

### declares, that the product

**Product Name:** HP LaserJet Pro 400 color MFP M475dn

**Regulatory Model Number<sup>2)</sup>** BOISB-1002-03  
BOISB-0903-00 – (US-Fax Module LIU)  
BOISB-0903-01 – (EURO-Fax Module LIU)

**Product Options:** ALL

**Print Cartridges:** CE410A, CE410X, CE411A, CE412A, CE413A

### conforms to the following Product Specifications:


**SAFETY:** IEC 60950-1:2005 / EN60950-1: 2006+A11  
IEC 60825-1:2007 / EN 60825-1:2007 (Class 1 Laser/LED Product)  
IEC 62311:2007 / EN62311:2008  
GB4943-2001

**EMC:** CISPR22:2005 +A1 / EN55022:2006 +A1 - Class B<sup>1)</sup>  
EN 61000-3-2:2006  
EN 61000-3-3:2008  
EN 55024:1998 +A1 +A2  
FCC Title 47 CFR, Part 15 Class B<sup>1)</sup> / ICES-003, Issue 4  
GB9254-2008, GB17625.1-2003

**TELECOM:** ES 203 021; FCC Title 47 CFR, Part 68<sup>3)</sup>

**ENERGY USE:** Regulation (EC) No. 1275/2008  
ENERGY STAR® Qualified Imaging Equipment Typical Electricity Consumption (TEC) Test Procedure

### Supplementary Information:

The product herewith complies with the requirements of the EMC Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC, the R&TTE Directive 1999/5/EC (Annex II), the EuP Directive 2005/32/EC and carries the CE-Marking  accordingly.

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two Conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

1. The product was tested in a typical configuration with Hewlett-Packard Personal Computer Systems.
2. For regulatory purposes, this product is assigned a Regulatory model number. This number should not be confused with the product name or the product number(s).
3. Telecom approvals and standards appropriate for the target countries/regions have been applied to this product, in addition to those listed above.
4. This product uses an analog fax accessory module which Regulatory Model numbers are: BOISB-0903-00 (US-LIU) or BOISB-0903-01 (EURO LIU), as needed to meet technical regulatory requirements for the countries/regions this product will be sold.

**Boise, Idaho USA**

**October 2011**

**For regulatory topics only:**

European Contact: Your Local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH, Department HQ-TRE / Standards Europe, Herrenberger Straße 140, D-71034, Böblingen (FAX: +49-7031-14-3143)  
[www.hp.eu/certificates](http://www.hp.eu/certificates)

USA Contact: Product Regulations Manager, Hewlett-Packard Company, PO Box 15, Mail Stop 160, Boise, Idaho 83707-0015 (Phone: 208-396-6000)



# Declaration of Conformity (wireless models)

## Declaration of Conformity

according to ISO/IEC 17050-1 and EN 17050-1

**Manufacturer's Name:** Hewlett-Packard Company DoC#: BOISB-1002-02&-04 Rel.1.0

**Manufacturer's Address:** 11311 Chinden Boulevard  
Boise, Idaho 83714-1021, USA

### declares, that the product

**Product Name:** HP LaserJet Pro 300 color MFP M375nw

HP LaserJet Pro 400 color MFP M475dw

**Regulatory Model Number<sup>2)</sup>** BOISB-1002-02, BOISB-1002-04  
BOISB-0903-00 – (US-Fax Module LIU)  
BOISB-0903-01 – (EURO-Fax Module LIU)  
SDGOB – 0892 – (Radio Module)

**Product Options:** ALL

**Print Cartridges:** CE410A, CE410X, CE411A, CE412A, CE413A

### conforms to the following Product Specifications:

**SAFETY:** IEC 60950-1:2005 / EN60950-1: 2006+A11  
IEC 60825-1:2007 / EN 60825-1:2007 (Class 1 Laser/LED Product)  
IEC 62311:2007 / EN 62311:2008  
GB4943-2001


**EMC:** CISPR22:2005 +A1 / EN55022:2006 +A1 - Class B<sup>1)</sup>  
EN 61000-3-2:2006  
EN 61000-3-3:2008  
EN 55024:1998 +A1 +A2  
FCC Title 47 CFR, Part 15 Class B<sup>1)</sup> / ICES-003, Issue 4  
GB9254-2008, GB17625.1-2003

**TELECOM:** ES 203 021; FCC Title 47 CFR, Part 68<sup>3)</sup>

**Radio<sup>5)</sup>** EN 301 489-1:V1.8.1 (2008-04) / EN 301 489-17:V2.1.1 (2009-05)  
EN 300 328: V1.7.1 (2006-10)  
FCC Title 47 CFR, Part 15 Subpart C (Section 15.247) / IC: RSS-210

**ENERGY USE:** Regulation (EC) No. 1275/2008  
ENERGY STAR® Qualified Imaging Equipment Typical Electricity Consumption (TEC) Test Procedure

### Supplementary Information:

The product herewith complies with the requirements of the R&TTE; Directive 1999/5/EC Annex II and Annex IV, EMC Directive 2004/108/EC, the Low Voltage Directive 2006/95/EC, the EuP Directive 2005/32/EC and carries the CE-Marking  accordingly.

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two Conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

1. The product was tested in a typical configuration with Hewlett-Packard Personal Computer Systems.
2. For regulatory purposes, this product is assigned a Regulatory model number. This number should not be confused with the product name or the product number(s).
3. Telecom approvals and standards appropriate for the target countries/regions have been applied to this product, in addition to those listed above.
4. This product uses an analog fax accessory module which Regulatory Model numbers are: BOISB-0903-00 (US-LIU) or BOISB-0903-01 (EURO LIU), as needed to meet technical regulatory requirements for the countries/regions this product will be sold.
5. This product uses a radio module device which Regulatory Model number is SDGOB-0892 as needed to meet technical regulatory requirements for the countries/regions this product will be sold.

**Boise, Idaho USA**

**October 2011**

### For regulatory topics only:

European Contact: Your Local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH, Department HQ-TRE / Standards Europe, Herrenberger Straße 140, D-71034, Böblingen (FAX: +49-7031-14-3143)  
[www.hp.eu/certificates](http://www.hp.eu/certificates)

USA Contact: Product Regulations Manager, Hewlett-Packard Company, PO Box 15, Mail Stop 160, Boise, Idaho 83707-0015 (Phone: 208-396-6000)

# Safety statements

## Laser safety

The Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration has implemented regulations for laser products manufactured since August 1, 1976. Compliance is mandatory for products marketed in the United States. The device is certified as a "Class 1" laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. Since radiation emitted inside the device is completely confined within protective housings and external covers, the laser beam cannot escape during any phase of normal user operation.

**⚠ WARNING!** Using controls, making adjustments, or performing procedures other than those specified in this user guide may result in exposure to hazardous radiation.

## Canadian DOC regulations

Complies with Canadian EMC Class B requirements.

« Conforme à la classe B des normes canadiennes de compatibilité électromagnétiques. « CEM ». »

## VCCI statement (Japan)

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

## Power cord instructions

Make sure your power source is adequate for the product voltage rating. The voltage rating is on the product label. The product uses either 100-127 Vac or 220-240 Vac and 50/60 Hz.

Connect the power cord between the product and a grounded AC outlet.

**⚠ CAUTION:** To prevent damage to the product, use only the power cord that is provided with the product.

## Power cord statement (Japan)

製品には、同梱された電源コードをお使い下さい。  
同梱された電源コードは、他の製品では使用出来ません。

## EMC statement (Korea)

B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
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## Laser statement for Finland

### Luokan 1 laserlaite

Klass 1 Laser Apparat

HP LaserJet Pro 300 color MFP M375nw, HP LaserJet Pro 400 color MFP M475dn, M475dw, laserkirjoitin on käyttäjän kannalta turvallinen luokan 1 laserlaite. Normaalisti käytössä kirjoittimen suojakotelo estää lasersäteiden pääsyn laitteen ulkopuolelle. Laitteen turvallisuusluokka on määritetty standardin EN 60825-1 (2007) mukaisesti.

### VAROITUS !

Laitteen käyttäminen muulla kuin käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

### VARNING !

Om apparaten används på annat sätt än i bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

### HUOLTO

HP LaserJet Pro 300 color MFP M375nw, HP LaserJet Pro 400 color MFP M475dn, M475dw - kirjoittimen sisällä ei ole käyttäjän huollettavissa olevia kohteita. Laitteen saa avata ja huoltaa ainoastaan sen huoltamiseen koulutettu henkilö. Tällaiseksi huoltotoimenpiteeksi ei katsota väriainekasetin vaihtamista, paperiradan puhdistusta tai muita käyttäjän käsikirjassa lueteltuja, käyttäjän tehtäväksi tarkoitettuja ylläpitotoimia, jotka voidaan suorittaa ilman erikoistyökaluja.

### VARO !

Mikäli kirjoittimen suojakotelo avataan, olet alttiina näkymättömälle lasersäteilylle laitteen ollessa toiminnassa. Älä katso säteeseen.

### VARNING !

Om laserprinterns skyddshölje öppnas då apparaten är i funktion, utsättas användaren för osynlig laserstrålning. Betrakta ej strålen.

Tiedot laitteessa käytettävän laserdiodin säteilyominaisuuksista: Aallonpituus 775-795 nm Teho 5 m W Luokan 3B laser.

## GS statement (Germany)

Das Gerät ist nicht für die Benutzung im unmittelbaren Gesichtsfeld am Bildschirmarbeitsplatz vorgesehen. Um störende Reflexionen am Bildschirmarbeitsplatz zu vermeiden, darf dieses Produkt nicht im unmittelbaren Gesichtsfeld platziert werden.

## Substances Table (China)

### 有毒有害物质表

根据中国电子信息产品污染控制管理办法的要求而出台

部件名称	有毒有害物质和元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
打印引擎	X	0	X	0	0	0
复印机组件	X	0	0	0	0	0
控制面板	0	0	0	0	0	0
塑料外壳	0	0	0	0	0	0
格式化板组件	X	0	0	0	0	0
碳粉盒	X	0	0	0	0	0

3690

0：表示在此部件所用的所有同类材料中，所含的此有毒或有害物质均低于 SJ/T11363-2006 的限制要求。

X：表示在此部件所用的所有同类材料中，至少一种所含的此有毒或有害物质高于 SJ/T11363-2006 的限制要求。

注：引用的“环保使用期限”是根据在正常温度和湿度条件下操作使用产品而确定的。

## Restriction on Hazardous Substances statement (Turkey)

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur

# Additional statements for telecom (fax) products

## EU Statement for Telecom Operation

This product is intended to be connected to the analog Public Switched Telecommunication Networks (PSTN) of European Economic Area (EEA) countries/regions.

It meets requirements of EU R&TTE Directive 1999/5/EC (Annex II) and carries appropriate CE conformity marking.

For more details see Declaration of Conformity issued by the manufacturer in another section of this manual.

However due to differences between individual national PSTNs the product may not guarantee unconditional assurance of successful operation on every PSTN termination point. Network compatibility depends on the correct setting being selected by the customer in preparation of its connection to the PSTN. Please follow the instructions provided in the user manual.

If you experience network compatibility issues, please contact your equipment supplier or Hewlett-Packard help desk in the country/region of operation.

Connecting to a PSTN termination point may be the subject of additional requirements set out by the local PSTN operator.

## New Zealand Telecom Statements

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

This equipment shall not be set up to make automatic calls to the Telecom "111" Emergency Service.

This product has not been tested to ensure compatibility with the FaxAbility distinctive ring service for New Zealand.

## Additional FCC statement for telecom products (US)

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the back of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

The REN is used to determine the quantity of devices, which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all, areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

This equipment uses the following USOC jacks: RJ11C.

An FCC-compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack, which is Part 68 compliant. This equipment cannot be used on telephone company-provided coin service. Connection to Party Line Service is subject to state tariffs.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, please see the numbers in this manual for repair and (or) warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

The customer can do the following repairs: Replace any original equipment that came with the device. This includes the print cartridge, the supports for trays and bins, the power cord, and the telephone cord. It is recommended that the customer install an AC surge arrester in the AC outlet to which this device is connected. This is to avoid damage to the equipment caused by local lightning strikes and other electrical surges.

## Telephone Consumer Protection Act (US)

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including fax machines, to send any message unless such message clearly contains, in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business, other entity, or individual sending the message and the telephone number of the sending machine or such business, or other entity, or individual. (The telephone number provided cannot be a 900 number or any other number for which charges exceed local or long distance transmission charges).

## Industry Canada CS-03 requirements

**Notice:** The Industry Canada label identifies certified equipment. This certification means the equipment meets certain telecommunications network protective, operational, and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirement document(s). The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible for the equipment to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution can be particularly important in rural areas.

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**⚠ CAUTION:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate. The Ringer Equivalence Number (REN) of this device is 0.0.

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Notice: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Number of all the devices does not exceed five (5.0). The standard connecting arrangement code (telephone jack type) for equipment with direct connections to the telephone network is CA11A.

## Vietnam Telecom wired marking for ICTQC Type approved products





# Additional statements for wireless products

## FCC compliance statement—United States

### Exposure to radio frequency radiation

**⚠ CAUTION:** The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized.

In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm ( 8 in)) during normal operation.

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**⚠ CAUTION:** Based on Section 15.21 of the FCC rules, changes of modifications to the operation of this product without the express approval by Hewlett-Packard Company may invalidate its authorized use.

## Australia statement

This device incorporates a radio-transmitting (wireless) device. For protection against radio transmission exposure, it is recommended that this device be operated no less than 20 cm from the head, neck, or body.

## Brazil ANATEL statement

Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

## Canadian statements

**For Indoor Use.** This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications. The internal wireless radio complies with RSS 210 of Industry Canada.

**Pour l'usage d'intérieur.** Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada. Le composant RF interne est conforme à la norme CNR-210 d'Industrie Canada.

## European Union regulatory notice

The telecommunications functionality of this product may be used in the following EU and EFTA countries/regions:

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta,

Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

## Notice for use in France

For 2.4 GHz Wireless LAN operation of this product certain restrictions apply: This equipment may be used indoor for the entire 2400-2483.5 MHz frequency band (channels 1-13). For outdoor use, only 2400-2454 MHz frequency band (channels 1-9) may be used. For the latest requirements, see [www.arcep.fr](http://www.arcep.fr).

L'utilisation de cet équipement (2.4 GHz Wireless LAN) est soumise à certaines restrictions : Cet équipement peut être utilisé à l'intérieur d'un bâtiment en utilisant toutes les fréquences de 2400-2483.5 MHz (Chaîne 1-13). Pour une utilisation en environnement extérieur, vous devez utiliser les fréquences comprises entre 2400-2454 MHz (Chaîne 1-9). Pour les dernières restrictions, voir, [www.arcep.fr](http://www.arcep.fr).

## Notice for use in Russia

Существуют определенные ограничения по использованию беспроводных сетей (стандарта 802.11 b/g) с рабочей частотой 2,4 ГГц: Данное оборудование может использоваться внутри помещений с использованием диапазона частот 2400-2483,5 МГц (каналы 1-13). При использовании внутри помещений максимальная эффективная изотропно-излучаемая мощность (ЭИИМ) должна составлять не более 100мВт.

## Korean statement

**당해 무선설비는 운용 중 전파혼선 가능성이 있음**

## Taiwan statement

### 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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