



GA-1310

Printing from Windows



© 2009 Electronics for Imaging, Inc. The information in this publication is covered under [Legal Notices](#) for this product.

45085384
5 May 2009

CONTENTS

INTRODUCTION	5
Terminology and conventions	5
About this document	6
Setting up printing	6
User Software	7
System requirements	7
INSTALLING PRINTER DRIVERS	8
Installing printer drivers by Point and Print	8
Downloading printer drivers using WebTools	11
Installing printer drivers	13
Installing and connecting to a virtual printer	16
Uninstalling printer drivers	18
SETTING UP PRINTING CONNECTIONS	19
Printing connections	19
Completing the SMB printing connection	19
Completing Standard TCP/IP Port (Raw or LPR) printing connections	20
Completing IPX (Novell) connections	24
Completing IPP connections	26

CONFIGURING INSTALLABLE OPTIONS	28
Configuring installable options manually	28
Configuring installed options and updating print options settings automatically	29
PRINTING UTILITIES	30
Configuring the connection for Job Monitor	30
Printing from a USB device	31
FTP printing	33
Printing and retrieving a secure print job	34
PRINTING	35
Printing from applications	35
Setting options and printing	35
Using presets	43
Customizing the Basic icon	47
Defining and printing custom page sizes	49
Custom page sizes for Windows PostScript printer driver	49
Viewing the copier status	52
Saving files to print at a remote location	53
INDEX	55

INTRODUCTION





This document describes how to install the printer drivers and printer description files for the GA-1310 and how to set up printing from Microsoft Windows computers. It also describes several printing utilities and how to print to the GA-1310. For information about setting up network servers and clients to use the GA-1310, see [Configuration and Setup](#). For general information about using the color copier, your computer, application software, or your network, see the documentation that accompanies those products.



For information about supported operating systems and system requirements, see [Welcome](#).

Terminology and conventions

This document uses the following terminology and conventions.

Term or convention	Refers to
Aero	GA-1310 (in illustrations and examples)
Copier	The copier attached to the GA-1310
Titles in <i>italics</i>	Other documents in this set
Windows	Microsoft Windows 2000, Windows XP, Windows Server 2003, Windows Vista
	Topics for which additional information is available by starting Help in the software
	Tips and information
	Important information
	Important information about issues that can result in physical harm to you or others

About this document

This document covers the following topics:

- Installing printer files on Windows computers
- Setting up printing connections on Windows computers
- Installing GA-1310 printing utilities
- Printing from Windows computers

Setting up printing

The following table lists the procedures for installing printer drivers and setting up the printing connections for each Windows platform supported by the GA-1310.

Action	Reference
Installing printer drivers	“Installing printer drivers by Point and Print” on page 8
	“Downloading printer drivers using WebTools” on page 11
	“Installing printer drivers” on page 13
	“Installing and connecting to a virtual printer” on page 16
Setting up SMB printing	“Completing the SMB printing connection” on page 19
Setting up TCP/IP printing	“Completing Standard TCP/IP Port (Raw or LPR) printing connections” on page 20
Setting up IPX/SPX or IPX (Novell) printing	“Completing IPX (Novell) connections” on page 24
Setting up IPP printing	“Completing IPP connections” on page 26

User Software

The following table lists the user software that is described in this document. This is the user software you need for setting up basic printing on the GA-1310. Other documents may describe other user software depending on what you are trying to accomplish.

User Software	Description
PostScript Printer Description (PPD) file and associated files	These files provide information about the GA-1310 and your particular copier model to your application and printer driver.
Job Monitor	Monitor the status of connected GA-1310 servers and print jobs sent to them. For more information, see “Configuring the connection for Job Monitor” on page 30.
Printer Delete Utility	Uninstall the Windows printer driver. For more information, see “Uninstalling printer drivers” on page 18.

When you install user software on a Windows computer, you use the Fiery User Software Installer.

NOTE: You can also download PostScript printer drivers and printer description files from the GA-1310 using the Downloads tab in WebTools. For instructions, see [“Downloading printer drivers using WebTools”](#) on page 11.

System requirements

For detailed system requirements, see [Welcome](#), provided in your media pack.

INSTALLING PRINTER DRIVERS

This chapter describes the procedures for installing printer drivers on a computer using a supported version of Windows. For the Windows versions supported, see “[Terminology and conventions](#)” on page 5. Installing printer drivers and printer description files is the first step in setting up the GA-1310 as a PostScript printer.

Install printer drivers as follows:

- From the GA-1310 through Point and Print using SMB printing.
- From WebTools, using the Downloads tab to download the printer driver files before installing the printer driver. For instructions, see “[Downloading printer drivers using WebTools](#)” on page 11.
- From the User Software DVD.

NOTE: WebTools is available if the administrator has enabled Internet access to the GA-1310.

If a GA-1310 printer driver is already installed, you must uninstall it before you install a new one (see “[Uninstalling printer drivers](#)” on page 18).

Installing printer drivers by Point and Print

SMB printing (also known as Windows or WINS printing) allows you to install PostScript printer drivers and printer description files on your computer from the GA-1310 using Point and Print, and print to a particular connection (Print queue, Hold queue, or Direct connection).

Each connection (Print queue, Hold queue, or Direct connection) requires a separate installation. Repeat the procedure for each connection.

When you install the printer driver using Point and Print, you cannot configure installable options manually. The installed options are displayed in the printer driver when you enable Two-Way Communication. For more information, see [Configuring Installable Options](#).

NOTE: Windows 2000 clients cannot install the printer driver from a computer that runs a 64-bit Windows operating system. Install the printer driver from the User Software DVD or WebTools Downloads.

BEFORE YOU BEGIN

Ask your GA-1310 administrator to do the following in Setup on the GA-1310:

- **Assign the GA-1310 a valid IP address.**

Ask the administrator for the IP address or DNS name because you need it in the following procedure.

- **Configure the GA-1310 for SMB printing.**

NOTE: SMB printing is referred to as Windows Printing in Setup and on the Configuration page.

For more information, see [Configuration and Setup](#) or WebTools Configure Help.



TO SET UP SMB PRINTING ON WINDOWS COMPUTERS

- 1 **Windows 2000/XP/Server 2003: Right-click Network Neighborhood or My Network Places, and select Find Computer or Search for Computers.**

Windows Vista: Click the Start button, choose Control Panel, double-click Network and Sharing Center, and then click the View computers and devices link.

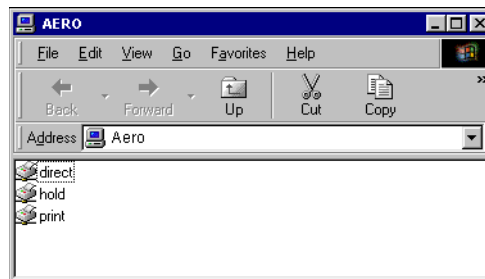
- 2 **Windows 2000/XP/Server 2003: Type the name or IP address of the GA-1310 and click Search Now or Search.**

Windows Vista: Type the name of the GA-1310 in the Search field and click Enter.

If you cannot locate the GA-1310, contact your network administrator.

- 3 **Double-click the name of the GA-1310 to display enabled print connections.**

NOTE: For a description of each print connection, see [Configuration and Setup](#).



You must now create a printer port and install the printer driver from the User Software DVD.

NOTE: You cannot use Point and Print to install the driver and configure the printing connection to the GA-1310 in a single procedure.

- 4 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 5 **On Windows 2000/XP:** Double-click the Add Printer icon and click Next.
On Windows Server 2003: Double-click the Add a printer icon and click Next.
Windows Vista: Click Add a printer.
- 6 **Click Local Printer and click Next.**
- 7 **Click Create a New Port, choose Local Port from the menu, and then click Next.**
- 8 **In the Port Name dialog box, type the name of the GA-1310, followed by the printing connection, and click OK.**

Enter the port name as follows: \\Aero\print where Aero is the name of the GA-1310 and print is the printing connection.
- 9 **In the dialog box displaying lists of manufacturers and printers, click Have Disk.**

You will now install the printer driver from the User Software DVD.
- 10 **Type the name of the DVD drive and browse to the Prntdrvr\Ps_drvr\Win_2K_XP_VISTA folder.**
- 11 **Make sure "oemsetup.inf" or "oemsetup" is selected and click Open.**
- 12 **Verify the path is correct in the Install From Disk dialog box and click OK.**
- 13 **Follow the on-screen instructions.**

Downloading printer drivers using WebTools

WebTools allows you to download installers for printer drivers to your computer directly from the GA-1310.

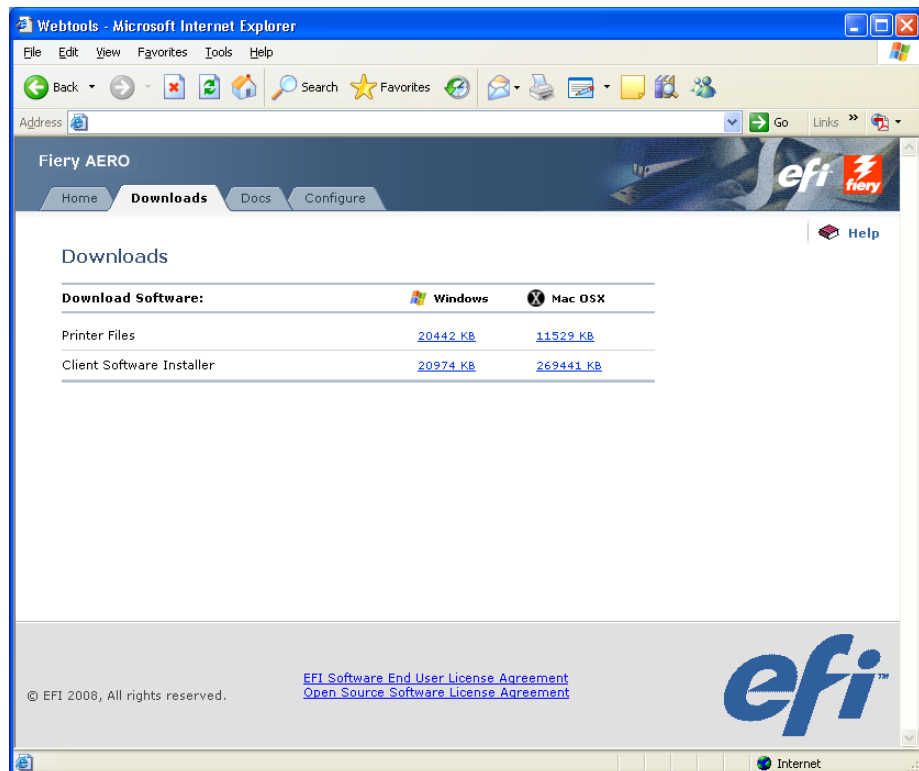
Download the printer driver files from the GA-1310 using WebTools and then follow the procedures on [page 13](#). Before you download the printer driver files, the administrator must set specific GA-1310 options in Setup. You also must prepare each client computer to communicate with the GA-1310 over the Internet or intranet.

For more information about Setup, see [Configuration and Setup](#).

For more information about setting up and launching WebTools, see [Utilities](#).

To DOWNLOAD PRINTER DRIVER FILES WITH WEBTOOLS

- 1 Start your Internet or intranet browser and type the DNS name or IP address of the GA-1310.
- 2 Click the Downloads tab.



- 3 Click the link for the item that you want to install.

For Windows printer drivers, click the Printer Files link under the Windows heading.

4 If a dialog box prompts you to either open the file or save it to disk, choose to save it to disk.

5 Browse to the location where you want to save the PRNDRVE.EXE file and click Save.

The file is downloaded from the GA-1310. This compressed file is an archive that contains multiple files.

6 Double-click the PRNDRVE.EXE file to extract the files.

Depending on your operating system, you might be prompted to select a location to extract the files to.

Follow the instructions for your operating system to install the printer driver. The procedures are the same as for installing from the DVD, except that after you click Have Disk, you browse to the location where you extracted the files, rather than to the DVD.

For instructions on installing the Windows printer driver, see [“To install and complete the print connection for Windows”](#) on page 13.



For more information, see WebTools Downloads Help.

Installing printer drivers

The following procedures describe installing the printer driver from the User Software DVD.

To install the printer driver on a Windows Server 2003 computer, select the same PPD file as for Windows 2000 and Windows XP, described in the following procedure.

NOTE: The following procedures use Windows XP illustrations.

This procedure describes the installation of a local printer (Port 9100). You can modify the printing protocol later, according to your network type.

TO INSTALL AND COMPLETE THE PRINT CONNECTION FOR WINDOWS

- 1 Windows 2000: Click Start, choose Settings, and then choose Printers.**
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 Windows 2000/XP: Double-click the Add Printer icon and click Next.**
Windows Server 2003: Double-click the Add a printer icon and click Next.
Windows Vista: Click Add a printer.
- 3 Windows 2000/XP/Server 2003: Specify printing using a Local printer, clear the “Automatically detect and install my Plug and Play printer” box, and then click Next.**
Windows Vista: Select Add a local printer.
- 4 Select Create a New Port, choose Standard TCP/IP Port from the Type of port menu, and click Next.**
- 5 Windows 2000/XP/Server 2003: Click Next in the Welcome to the Add Standard TCP/IP Printer Port Wizard dialog box.**

The Add Standard TCP/IP Printer Port Wizard dialog box appears. Proceed to [step 6](#).

Windows Vista: Select the Device Type, type the Hostname or IP address of the GA-1310, and then click Next. Proceed to [step 9](#).

- 6 Windows 2000/XP/Server 2003: Type the printer name or IP address of the GA-1310 and click Next.**

For Windows 2000/Server 2003: Proceed to [step 7](#).

For Windows XP: Select the Device Type and click Next.

- 7 Windows 2000/XP/Server 2003: Make sure that Generic Network Card is selected as Standard for Device Type and click Next.**
- 8 Windows 2000/XP/Server 2003: Click Finish to close the Add Standard TCP/IP Printer Port Wizard dialog box.**

NOTE: If the device is not found on the network, it is displayed instead of the Finish button. If a device is not on the network, that could be for one of the following reasons:

- GA-1310 is not powered on.

- Network is not connected.
- GA-1310 is not configured properly.
- IP address is not correct.

If you encounter one of the situations mentioned, you can continue to set up the port by configuring the port manually. See “[To set up Standard TCP/IP Port \(Raw or LPR\) for Windows](#)” on page 20 and follow steps 11 to 14 before proceeding to step 9.

9 Click Have Disk in the dialog box displaying lists of manufacturers and printers.

The Install From Disk dialog box prompts you for the disk.

10 Insert the User Software DVD into the DVD drive, type the name of the DVD drive (for example, D:\), and click Browse. Browse to the English\Prntdrv\Ps_drvr\Win_2K_XP_VISTA folder.

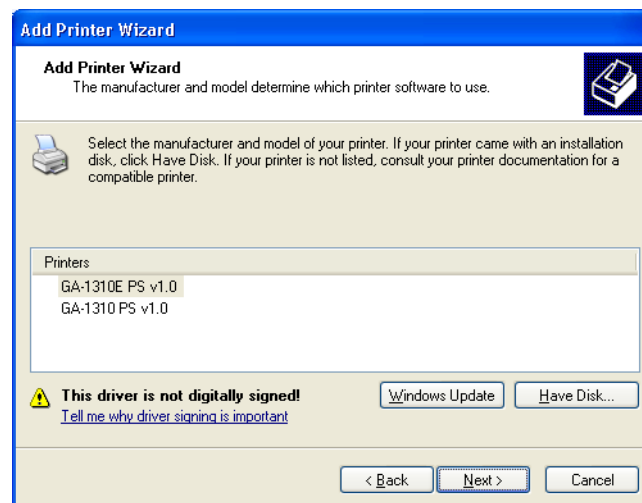
If you are installing from the files you downloaded from the GA-1310 using the Downloads tab in WebTools, browse to prntdrv\Prntdrv\Ps_drvr\Win_2K_XP_VISTA and click Open.

11 Make sure that “oemsetup.inf” or “oemsetup” is selected and click Open.

The path is copied to the Install From Disk dialog box.

12 Verify that the path is correct and click OK.

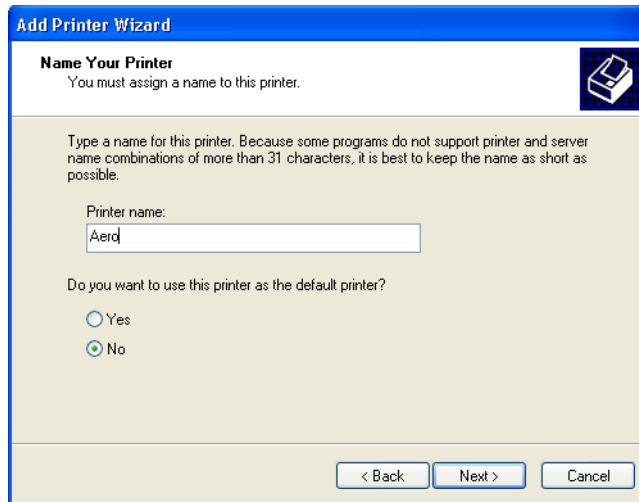
13 In the Printers box, select the GA-1310 printer driver as your printer and click Next.



NOTE: Select “GA-1310 PS v1.0” for US (the default Document Size is Letter) or “GA-1310E PS v1.0” for International (the default Document Size is A4).

- 14 Type a name for the GA-1310 in the Printer name field, indicate whether you want to make it the default printer, and click Next.**

This name is used in the Printers window and the queues window.



- 15 Follow the on-screen instructions.**

Do not share the printer and do not print a Test Page at this time. Continue with the printer driver installation and at the last screen, click Finish.

The necessary files are installed on your hard disk. When installation is complete, the Printers window appears with an icon for the newly installed printer.

Now you are ready to configure the installable options (see [Configuring Installable Options](#)).

If you want to set up a connection other than port 9100, proceed to [Setting Up Printing Connections](#).

To use the printer driver, you must select the following options on the Advanced tab of the printer driver after installation is complete:

- Spool print documents
- Start printing immediately
- Print spooled documents first

Clear the following option:

- Enable advanced printing features

Installing and connecting to a virtual printer

A virtual printer allows you to print to the GA-1310 using a predefined set of job settings. You do not have to set print options manually. Before you can print to a virtual printer, the administrator must create and configure the virtual printer using Command WorkStation. After the virtual printer is set up, you can install the printer driver and printer description files on your computer from the GA-1310 using Point and Print.

For more information about setting up virtual printers, see [Utilities](#).

When you install the printer driver using Point and Print, you cannot configure installable options manually. Installable options are configured automatically. The installed options are displayed in the printer driver when you enable Two-Way Communication. For more information about configuring installable options, see [Configuring Installable Options](#).

TO SET UP A VIRTUAL PRINTER ON WINDOWS COMPUTERS

- 1 Windows 2000/XP/Server 2003: Right-click Network Neighborhood or My Network Places, and select Find Computer or Search for Computers.
Windows Vista: Right-click Network and choose Open from the menu.**

- 2 Windows 2000/XP/Server 2003: Type the name or IP address of the GA-1310 and click Search Now or Search.
Windows Vista: Type the name of the GA-1310 in the Search field and click Enter.**

If you cannot locate the GA-1310, contact your network administrator.

- 3 Double-click the GA-1310 name to display enabled print connections.**

Virtual printers are listed along with the Print queue, Hold queue, and Direct connection (if those connections are enabled). Virtual printers usually have names that indicate the type of job they are set up for.

- 4 Windows 2000: Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.**

- 5 Windows 2000/XP: Double-click the Add printer icon and click Next.
Windows Server 2003: Double-click the Add a printer icon and click Next.
Windows Vista: Click Add a printer.**

- 6 Windows 2000/XP/Server 2003: Click Local Printer and click Next.
Windows Vista: Select Add a local printer.**

- 7 Click Create a New Port, choose Local Port from the menu, and then click Next.**

- 8 In the Port Name dialog box, type the name of the GA-1310 server, followed by the printing connection, and click OK.**

Enter the port name as follows: \\Aero\print where Aero is the name of the GA-1310 and print is the printing connection.

9 In the dialog box displaying lists of manufacturers and printers, click Have Disk.

You will now install the printer driver from the User Software DVD.

10 Type the name of the DVD drive and browse to the Prntdrvr\Ps_drvr\Win_2K_XP_VISTA folder.

11 Make sure "oemsetup.inf" or "oemsetup" is selected and click Open.

12 Verify the path is correct in the Install From Disk dialog box and click OK.

13 Follow the on-screen instruction.

The virtual printer is displayed in the Printers or Printers and Faxes window.

You can print to a virtual printer as you would print to the GA-1310, as described in [Printing](#). Depending on how the virtual printer is configured, you may not be able to set some print options.

Uninstalling printer drivers

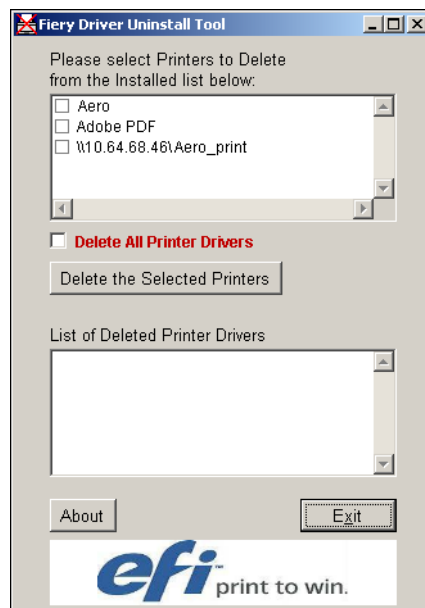
All installation of user software on a Windows computer is done through the Fiery User Software Installer. The procedures in *Utilities* describe installing from the User Software DVD.

The Printer Delete Utility is installed and used locally. You do not need to connect to the GA-1310 before you use the software.

To USE PRINTER DELETE UTILITY

- 1 Click **Start**, choose **Programs**, and then choose **Fiery**.
- 2 Click **FieryPrinterDeleteUtility**.

The Fiery Driver Uninstall Tool dialog box appears. Any GA-1310 printer drivers found on your computer are listed.



- 3 To delete a printer, select the check box next to the printer name and click **Delete the Selected Printers**.

To delete all the installed printer drivers, select the **Delete All Printer Drivers** check box.

- 4 Click **OK** to delete the selected printer driver(s).
- 5 When you finish deleting printer drivers, click **Exit** and restart your computer.

SETTING UP PRINTING CONNECTIONS

To print from Windows computers, you or the administrator must perform the following tasks if you want to set up a connection other than port 9100:

- Set up network servers, if any.
- Set up the GA-1310 to accept print jobs from your computer.
- Configure a port on each Windows computer for the network type.

Printing connections

The GA-1310 supports the following printing connections:

- SMB
- Standard TCP/IP (Raw or LPR)
- IPX/SPX or IPX (Novell)
- IPP or IPP over SSL

Completing the SMB printing connection

If your network does not have a Windows server, Windows computers can still print to the GA-1310. This method of printing is SMB printing (also known as Windows or WINS printing). When users send print jobs, computers running Windows operate in a peer-to-peer environment and communicate directly with the GA-1310.

Enabling SMB printing allows the GA-1310 to be listed on the network, so that Windows clients can print to a particular print connection (Print queue, Hold queue, or Direct connection) on the GA-1310 without using other networking software. Windows printing runs via TCP/IP. You must configure TCP/IP on the GA-1310 and on all computers that use SMB printing.

Completing Standard TCP/IP Port (Raw or LPR) printing connections

After you install the PostScript and printer driver files, you can add or configure the setup for the Standard TCP/IP Port (Raw or LPR) connection as follows:

- Prepare the GA-1310 to accept print jobs using Standard TCP/IP Port (Raw or LPR) protocols. For details, see *Configuration and Setup*.
- Enable LPD or Port 9100 on the GA-1310. For details, see *Configuration and Setup*.
- Configure the computer for the TCP/IP connection.

Before you complete the following procedure, contact your system administrator for the IP address assigned to the GA-1310.

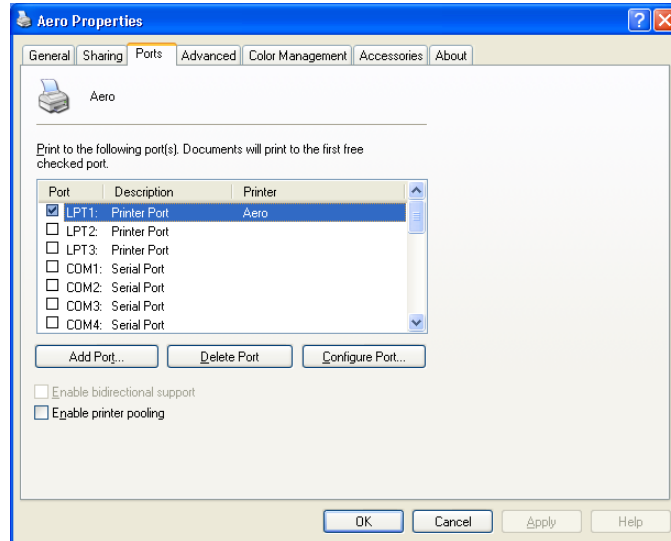
The TCP/IP protocol should be installed as a default on the Windows computer. For Port 9100, you can set up the connection and install the printer driver in one procedure.

NOTE: You can also set up the LPR connection by installing Print Services for UNIX, which is supplied as an add-on Windows component. For more information, see the documentation that accompanies Windows.

TO SET UP STANDARD TCP/IP PORT (RAW OR LPR) FOR WINDOWS

NOTE: The following procedures use Windows XP illustrations.

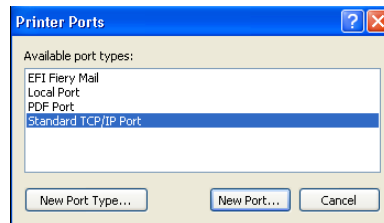
- 1 On Windows 2000: Click Start, choose Settings, and then choose Printers.
On Windows XP: Click Start and choose Printers and Faxes.
On Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.**
- 2 Right-click the GA-1310 icon and choose Properties.**

3 Click the Ports tab.**4 To add a new port, click Add Port.**

To change the port settings, proceed to step 11.

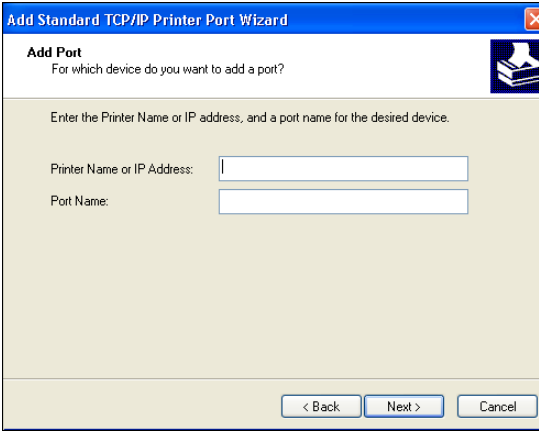
5 Windows 2000/XP/Server2003: Select Standard TCP/IP Port from the list of Available port types and click New Port.

Windows Vista: Double-click Standard TCP/IP Port from list.



The Add Standard TCP/IP Printer Port Wizard dialog box appears.

6 Click Next.

7 Type the GA-1310 IP address.**8 Click Next.****9 Make sure that Generic Network Card is selected as Standard for Device Type and click Next.****10 Click Finish to close the Add Standard TCP/IP Printer Port Wizard dialog box, and then click Close in the Printer Ports dialog box.**

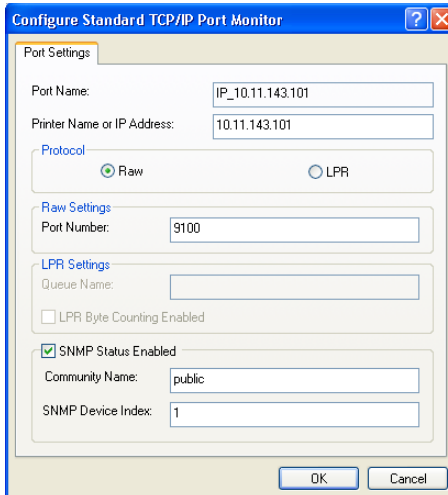
To change the default setting, proceed to [step 11](#).

If you do not want to change the default setting, the setting is now completed.

NOTE: Port 9100 was set as the default setting in the above procedure.

11 Click Configure Port on the Ports tab of the Properties dialog box.

The Configure Standard TCP/IP Port Monitor dialog box appears.



- 12 To use LPR printing, select LPR in the Protocol area and LPR Byte Counting Enabled in the LPR Settings area.**

NOTE: You can also proceed without selecting LPR Byte Counting Enabled.

To use Port 9100 printing, select Raw in the Protocol area.

The port number 9100 automatically appears in the Raw Settings area. This is the default port number. You can print to the printer connection selected for Port 9100 printing on the GA-1310.

To specify a specific port number, see the following step.

- 13 Type the name of the print connection.**

For LPR, type print, hold, or direct for Queue Name.

For Port 9100, type the following port numbers for each print connection in the Raw Settings area:

GA-1310 default: 9100

direct: 9101

print: 9102

hold: 9103

NOTE: Type the number *exactly* as shown.

- 14 Click OK to close the Configure Standard TCP/IP Port Monitor dialog box.**

NOTE: The GA-1310 supports printing in the IPv6 environment on Windows Vista.

NOTE: LPR printing in the IPv6 environment is supported on the Windows XP/Server 2003 computer from a command line, but other methods may work.

- 15 Click Apply in the GA-1310 Properties dialog box, and then OK.**

Completing IPX (Novell) connections

Complete the setup for the IPX (Novell) connection as follows:

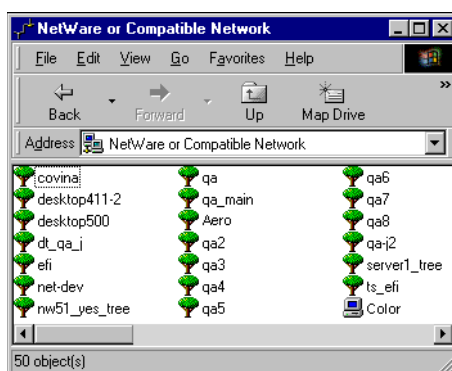
- Configure the Novell network and file server for handling GA-1310 print jobs. Configure the file server with a print server and print connection for the GA-1310. For details, see the documentation that accompanies NetWare.
- Prepare the GA-1310 for IPX printing.
- Set up the IPX connection on the computer.

Before you begin, install NetWare protocols (NWLink IPX/SPX Compatible Transport) and NetWare client services on the Windows 2000/XP/Server 2003 computer.

TO SET UP IPX (NOVELL) PRINTING FOR WINDOWS

- 1 Windows 2000: Double-click My Network Places.
Windows XP: Click Start and click My Network Places.
Windows Server 2003: Click Start, choose Explorer, and then click My Network Places.**
- 2 Double-click NetWare or Compatible Network.**

A list of NetWare servers appears.



- 3 Double-click the NetWare tree or file server for which the network administrator defined a print connection for the GA-1310.**

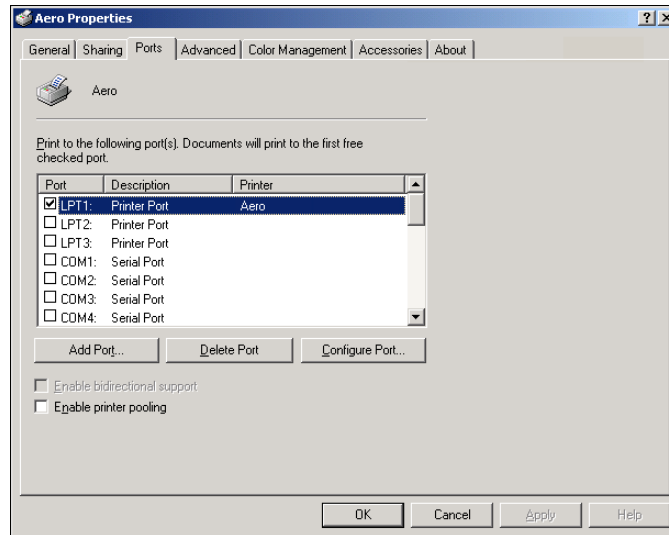
You may have to log on to the file server to see the print connections.

- 4 Double-click the print connection defined for the GA-1310.**
- 5 If the NetWare server does not have a suitable driver for the GA-1310, you are asked if you want to set up the printer on your computer. Click Yes.**
- 6 Click OK to install the GA-1310 PostScript printer driver.**
- 7 Follow [step 10](#) through [step 12](#) of the procedure “[To install and complete the print connection for Windows](#)” on page 13.**

When installation is complete, a new printer window appears, with the name of the print queue on the NetWare server.

8 Choose Properties from the File menu and click the Ports tab.

Verify that the connection to the NetWare queue is listed and selected as a port for the GA-1310.

**9 Click the General tab and click Print Test Page.****10 In the printer Job Notes field, type user and job identification information, and then click OK.**

The Test Page remains listed in the queue window until it is printed.

The GA-1310 polls the NetWare server for print jobs in the print connection defined for the GA-1310. When you print, your PostScript files are spooled to that connection and transmitted over the queue "port" to the GA-1310.

Completing IPP connections

With Internet Printing Protocol (IPP), print jobs are sent to the GA-1310 over the Internet.

Before you begin, perform the following tasks:

- Make sure the GA-1310 is configured for TCP/IP printing and IPP printing.

For more information, see WebTools Configure Help.

- Specify the printing destination on your computer.

NOTE: IPP over SSL connections are supported.



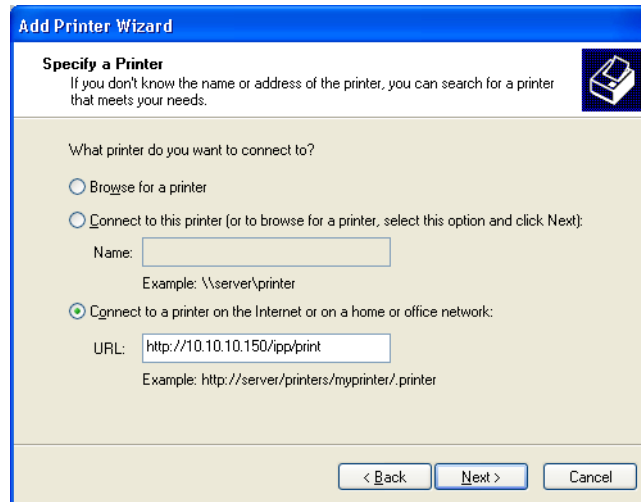
TO SET UP IPP PRINTING WITH WINDOWS

- 1 Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 Windows 2000/XP:** Double-click the Add Printer icon and click Next.
Windows Server 2003: Double-click the Add a printer icon and click Next.
Windows Vista: Click Add a printer.
- 3 Windows 2000/XP/Server 2003:** Select Network printer and click Next.
Windows Vista: Select Add a network printer.
- 4** Select Connect to a printer on the Internet or on your intranet.
- 5** In the URL field, type the IP address or DNS name of the GA-1310, followed by "ipp/" and then the name of the connection.

For example, `http://10.10.10.150/ipp/print` sends the job to the Print queue on the GA-1310.

For IPP over SSL, type `https`, instead of `http`.

NOTE: The URL for the printer is not case-sensitive.



6 Click Next.

The Connect to Printer dialog box appears.

7 Click OK.

The Add Printer Wizard dialog box appears.

8 If you are installing the PostScript printer for the first time, follow the procedure “To install and complete the print connection for Windows” on page 13.

9 Indicate whether you want to make the GA-1310 the default printer and click Next.

10 Click Finish.

NOTE: When the Print queue of IPP Port is suspended, the GA-1310 will be offline. Please do not leave the GA-1310 in a suspended state because jobs from other users are not accepted.

CONFIGURING INSTALLABLE OPTIONS

After you complete the printer driver installation, you must configure the GA-1310 for the options installed on the copier to allow the GA-1310 to take advantage of the copier options. Configure the options manually, or, for TCP/IP network connections, use the Two-Way Communication feature to configure the options automatically.

Configuring installable options manually

NOTE: The following procedures describe how to manually configure the GA-1310 for the options installed on the copier. The procedures for all Windows platforms are similar. Any differences are noted in the text. For more information about the print settings that use these options, see [Print Options](#).

When you configure installable options manually, be sure to match the actual configuration of the GA-1310 and copier. Otherwise, the print options shown in the printer driver might not match the print options actually available.

TO CONFIGURE OPTIONS MANUALLY

- 1 Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2** In the Printers window, select the GA-1310 printer driver icon.
- 3** Choose Properties from the File menu.
- 4** Click the Accessories tab.
- 5** Clear the Two-Way Communication check box.
- 6** Select an installable option from the Available Options list.
- 7** Click Add to move the option to the Installed Options list.
- 8** Click OK.

Configuring installed options and updating print options settings automatically

If you enabled a TCP/IP network, you can automatically update your printer driver to reflect the options currently installed on the copier. When the printer driver is first installed, the options reflect the default settings that were set up in GA-1310 Setup or ColorWise Pro Tools. When you update the printer driver using the Two-Way Communication feature, you allow the printer driver to retrieve the settings from the GA-1310.

The Two-Way Communication feature also updates the ColorWise print options in Expert Color Settings to reflect the current color settings on the GA-1310. For more information about ColorWise print options, see [Color Printing](#).

TO ENABLE TWO-WAY COMMUNICATION

- 1 Windows 2000: Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.**
- 2 In the Printers window, select the GA-1310 printer driver icon.**
- 3 Choose Properties from the File menu.**
- 4 Click the Accessories tab.**
- 5 Select Two-Way Communication.**
- 6 Type the GA-1310 IP address or DNS name.**
NOTE: Enter the address of IPv4 in the IP address area of Two-Way Communication.
- 7 Select Update Fiery Driver When Opened to display the printer's current default settings when the printer driver is opened.**
- 8 Click Update.**
NOTE: To confirm that Two-Way Communication is enabled, click the About tab and check that the GA-1310 name and other server information are displayed.
- 9 Click the Advanced tab and clear Enable Advanced Printing Features.**
- 10 Click OK.**

PRINTING UTILITIES

In addition to printing jobs from the GA-1310 printer driver, you can print jobs using the Job Monitor utility where you can view information about the print jobs sent to the GA-1310.

NOTE: Job Monitor is automatically installed when you choose the printer driver to install on your computer. To use Job Monitor, you must enable it in the printer driver. (For more information, see [page 30](#).)


You can print to the GA-1310 by these ways:

- USB device
- FTP printing
- Secure printing

Configuring the connection for Job Monitor

Use Job Monitor to monitor the status of GA-1310 and view information about the print jobs sent to them.

When you send your first print job to the GA-1310, Job Monitor opens a utility window and establishes a connection to the GA-1310. If you have installed and configured printer drivers for more than one copier, Job Monitor automatically establishes connections to all the GA-1310 copiers.

The Job Monitor icon () appears on the desktop and in the Windows taskbar of your computer.

NOTE: Job Monitor is not supported on Windows XP/Server 2003/Vista 64-bit version.



For information about using Job Monitor, see Job Monitor Help and printer driver Help.

Printing from a USB device

You can print files on a USB device to the GA-1310. To do so, save files to the USB device and download them directly to the GA-1310. You can print files that originated on Windows computers.

You can print files automatically from a USB device to one of the standard print queues on the GA-1310 (Print, Hold, or Direct) or to published virtual printers (if supported). Verify with your administrator that these connections are published in Setup. Or you can print any of the files on your USB device, specify where to send them, and also select some print options. For more information about virtual printers, see [Utilities](#).

Before you print files from a USB device, ask your administrator to configure the appropriate options. For more information about configuring the appropriate options, see [Configuration and Setup](#) or WebTools Configure Help.



The two methods of printing files from a USB device are automatic printing and manual printing.

Automatic printing

To print automatically to Print, Hold, or Direct queues, or to published virtual printers with the Print All setting, set up folders on your USB device with the names print, hold, direct, and the names of any published virtual printers. When you plug the USB device into a USB port on the GA-1310, the files in those folders are sent automatically to the corresponding queues.

TO PRINT FILES FROM THE USB DEVICE

- 1 **Configure the USB printing options in Setup.**
- 2 **Create folders at the top (root) level of the USB device named print, hold, direct, and virtual printer.**
- 3 **Save the files (PS, EPS, TIFF, and PDF) from the user's computer to the USB device.**

Files copied to the print, hold, direct, or virtual printer folders are downloaded to the corresponding print connection on the GA-1310 automatically when you connect the USB device to the GA-1310. Files copied to the root level of the USB device are downloaded to the Print queue.

- 4 **Remove the USB device from the computer and connect it to the USB connector on the GA-1310.**



Make sure that the USB device is properly stopped before you disconnect it from the computer.

For the location of the USB port, see [Configuration and Setup](#).

Manual printing

When USB Media Auto Print is disabled in Server Setup, you must manually select the files you want to print from the USB device and specify where you want to send them.

NOTE: Secure-PDF file is not supported.

TO PRINT USING USB MEDIA SERVER

- 1 **Insert the USB device into a USB port on the GA-1310.**
- 2 **Press the Fiery button on the copier touch panel.**
- 3 **Press the USB button on the copier touch panel and switch to the Media Server browsing window.**

NOTE: The Media Server browsing window appears only when a USB device is inserted into the GA-1310.

- 4 **When the message “USB Media Server” appears, navigate to the file that you want to print.**

The files and directory on the USB device are displayed on the copier touch panel. Both files at the root level of the USB device and folders are displayed.

The First/Prev/Next/Last button is used to search for files. When a directory is displayed, press the Browse button to move to a lower class. Press the Upper Directory button to return to the upper directory. Press the Print All button to print all documents in the current directory.

- 5 **If you selected Print with Options, specify the options and press Print after each selection.**

The print options you can choose are:

- Queue (hold, print or direct)
- Number of Copies
- Duplex (Default, Off, Top-Top or Top-Bottom)
- Page Size

- 6 **Remove the USB device from the GA-1310 after the completion of printing.**

FTP printing

If FTP Services are enabled on the GA-1310, the GA-1310 is set up as an FTP server. You can send jobs to the GA-1310 using FTP printing. For more information about configuring FTP Services, see *Configuration and Setup*.

You can use any FTP client software. Before you use FTP printing, the FTP client software requires the following information (see your administrator):

- IP address or DNS name for the GA-1310
- Directory or path to send the job to, such as the Print Queue, Hold Queue, or published virtual printers (if supported)

NOTE: You cannot print to the Direct connection using FTP printing.

- User name and password (if required)

You can send PostScript (PS), Tagged Image File Format (TIFF), and Portable Document Format (PDF) files to the GA-1310. Encapsulated PostScript (EPS) files are not supported for FTP printing.

To PRINT FILES TO THE GA-1310 USING THE FTP PROTOCOL

1 Connect to the GA-1310 with your FTP client software.

Folders corresponding to the Print queue and Hold queue are displayed. Folders for any published virtual printer are also displayed.

2 Navigate to the folder representing the print connection or published virtual printer.

3 Upload your job to the folder that you want.

After the job is printed, it is deleted from the GA-1310.

Printing and retrieving a secure print job

The Secure Print feature offers a level of security for confidential or sensitive print jobs, which print only when you are present at the copier. To use this feature, you first enter an arbitrary password into the Secure Print field in the printer driver when you send your job to the GA-1310. To print your job, you re-enter the password at the GA-1310 copier touch panel as described in the following procedures.

TO SEND A SECURE PRINT JOB

- 1 In your application, select **File>Print**.
- 2 Click **Properties**.
- 3 Click the **Job Info** icon.
- 4 Enter an arbitrary password in the **Secure Print** field.

NOTE: The password is limited to alphanumeric characters (do not use symbols).

- 5 Make any other changes to job properties and send your job to the **GA-1310**.
- 6 Click **OK** to close the **GA-1310 Properties** dialog box.
- 7 Click **OK** to close the **Print** dialog box.

TO RETRIEVE A SECURE PRINT JOB

- 1 At the **GA-1310** copier touch panel, press the **Menu** button, and then press the **Fiery** button.
- 2 Select **Secure Print**.
- 3 Type the same password you entered in the **Secure Print** field of the printer driver and press **OK**.

The print jobs which match the password display in the login window.

- 4 Select your print job and choose either **Print** or **Delete**.

NOTE: The screen returns to the main pages after 45 seconds without activity.

PRINTING

This chapter describes printing to the GA-1310. You can print from a networked Windows computer or a computer using Windows (WINS) printing. You can also print to a file so that it can be printed at a remote location (see “[Saving files to print at a remote location](#)” on page 53). In addition to these methods, you can download certain types of files to the GA-1310 using the Docs WebTool (see [Utilities](#)) and Command WorkStation (see [Utilities](#)), and print documents using Hot Folders (an option) (see [Utilities](#)).

For information about setting up the Windows environment for printing with Windows servers connected to the GA-1310, see [Configuration and Setup](#). For information about connecting to the GA-1310 over the network, see [Setting Up Printing Connections](#). For information about installing printer drivers, see [Installing Printer Drivers](#).

NOTE: The following procedures use Windows XP illustrations unless specified.

Printing from applications

After you install the GA-1310 printer driver and configure the proper port, you can print directly from most Windows applications. Set the print options for the job and choose Print from your application.

To achieve optimal printing results from specific applications, see [Color Printing](#) and [Fiery Color Reference](#).

Setting options and printing

To print from Windows platforms, install the PostScript printer driver. For instructions, see [Installing Printer Drivers](#). Be sure to configure the options on the Advanced tab of the printer driver after installation is complete, as described on [page 13](#).

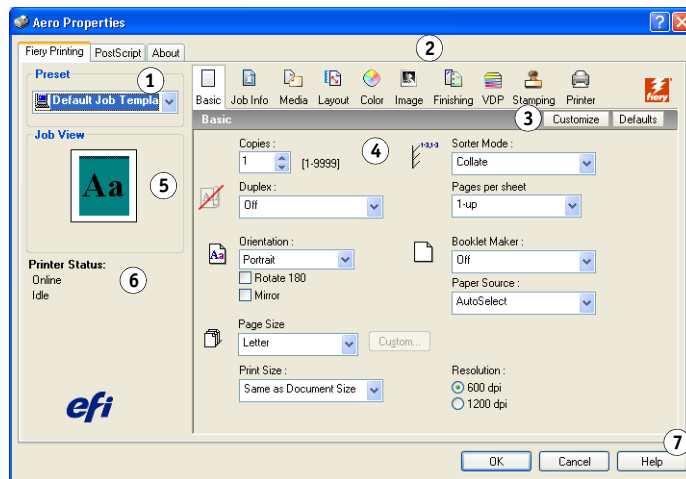
If you print to a virtual printer, you may not be able to set some print options, depending on how the virtual printer is configured.

The following procedures explain how to use the printer driver to specify print options for a particular job and print it to the GA-1310. You can also set default print settings using the driver. For information about specific print options, see *Print Options*.

TO SET PRINT OPTIONS FOR A SPECIFIC WINDOWS PRINT JOB USING THE PRINTER DRIVER

- 1 Choose Print in your application.
- 2 Select the GA-1310 as your printer and click Properties.
- 3 Click the Fiery Printing tab.

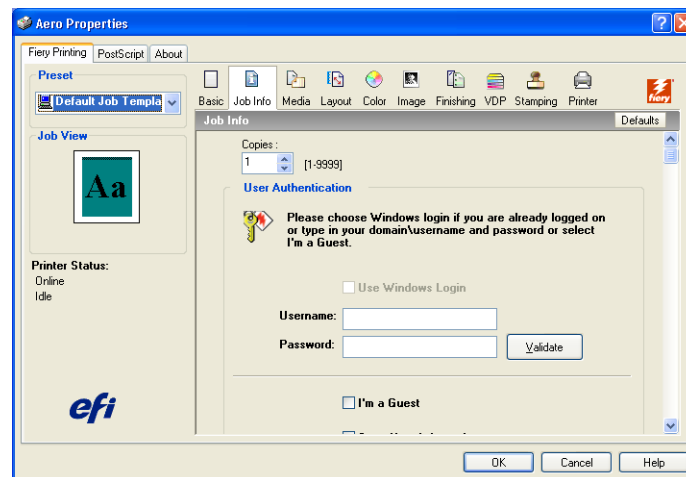
- 1 Presets (Job Templates), see Help
- 2 Print Option icons
- 3 Customize (Shortcuts), see Help
- 4 Active area
- 5 Job View
- 6 Printer Status
- 7 Help



The Fiery Printing tab serves as the control center for all frequently used printing functions.

NOTE: For a complete list of print options, see *Print Options*.

- 4 Click the Job Info icon.



5 Type a user name and password in the User Authentication area.

The user name that you type in the User Authentication area can be your network domain\user name or a local user name. Check with your system administrator about the requirements for your system.

If you do not have a user name and password or if you want to send jobs as a public user, select the I'm a Guest option. The GA-1310 must be configured to allow guest printing. Otherwise, clear the I'm a Guest option.

If you are not using a network user name and password, you can type your domain\user name and password in the fields provided. Click Validate to validate the user name and password.

When the Use Windows Login option is selected, the LDAP domain user name and password are used as an authenticated user name. This is available only if the user has logged on to the Windows computer as a domain user.

Select the Save User Information option to save your user name and password.

6 Type a password in the Secure Print field if you are sending a secure print job.

The password is limited to alphanumeric characters (do not use symbols).

7 Type the Department ID specified for your group.

The Department ID is assigned at the copier touch panel display. For more information, see the documentation that accompanies your copier.

8 Type information in the Notes 1 and Notes 2 fields.

Enter user and job identification information for managing purposes, or other information that is required at your site.

The information that you type in this field can be viewed and edited by the operator in Command WorkStation and also appears in the Job Log.

For more information about Command WorkStation, see [Utilities](#).

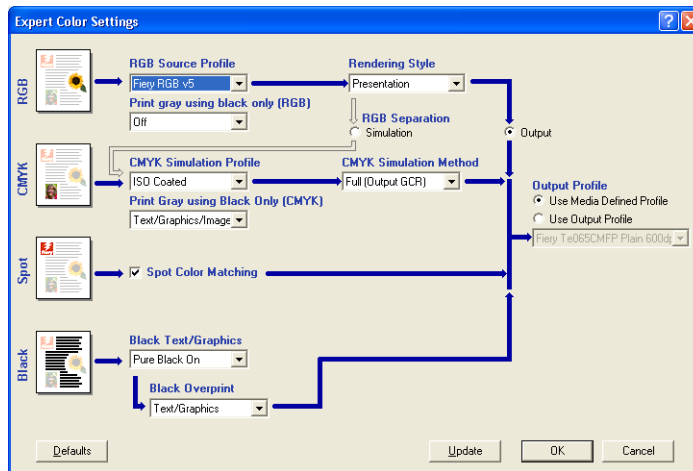
9 Type instructions to the operator about the job in the Instructions field.

These instructions are displayed in Command WorkStation, but do not appear in the Job Log. These instructions can be edited by the operator.

10 Type values for the other fields, as required.

11 Click the Color icon and specify the color profile options for the job.

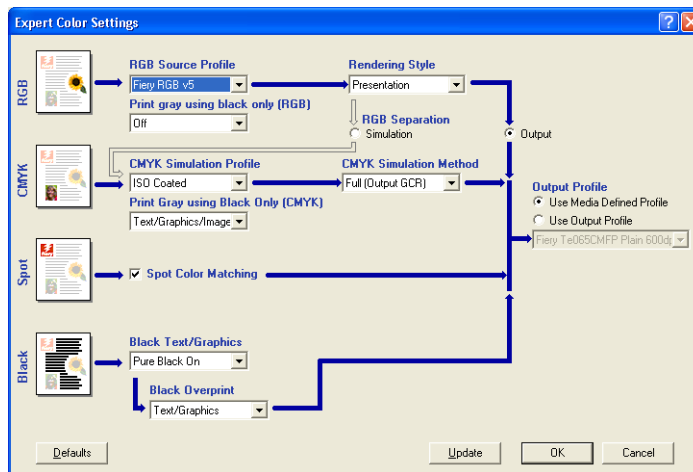
In the Print Mode area, select a color mode for the job. To use advanced color management features, such as Rendering Style, click Expert Settings and proceed to [step 12](#). Otherwise, proceed to [step 4](#).



12 In the Expert Color Settings dialog box, click Update to display the current GA-1310 settings.

If the Update button does not appear, make sure that the Two-Way Communication option is selected, as described in “[Configuring installed options and updating print options settings automatically](#)” on page 29.

Two-Way Communication On



13 Specify the color settings for the print job and click OK.



14 Click the Stamping icon to specify a watermark for the print job.

For more information about watermarks, see printer driver Help.



15 Click the Printer icon to view copier status.

For more information about monitoring copier status, see printer driver Help.

16 Click the remaining print option icons to specify the appropriate settings for the print job and click OK.

These print options are specific to the GA-1310 and the copier. They override settings specified in GA-1310 Printer Setup, but can be overridden from Command WorkStation. For information about these options and overrides, see *Print Options*. For more information about Command WorkStation, see *Utilities*.

Some print options are available only if a particular installable option has been configured. For information about configuring installable options, see “[Configuring installable options manually](#)” on page 28.

If you choose Printer’s default, the job prints according to the settings that the administrator specified in Setup. For more information, see *Print Options*.

NOTE: If you specify incompatible print settings, the Conflict dialog box provides instructions to resolve the conflict.

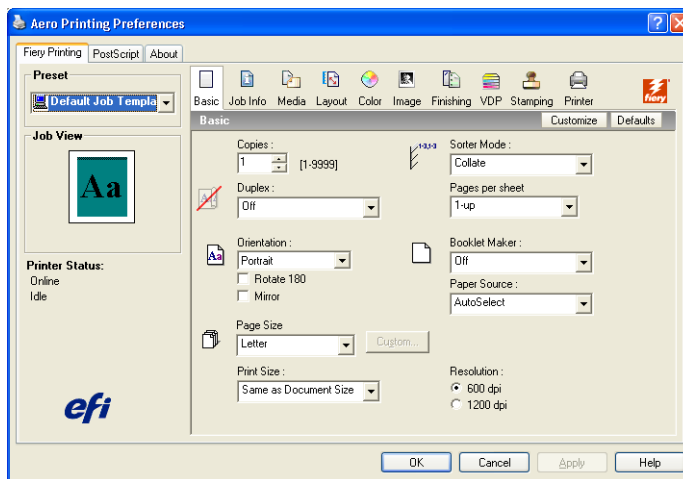
17 From your application, click OK to send your print job.

Make sure that the GA-1310 is selected as your current printer.

NOTE: Some print options that are selectable from an application are similar to print options that are specific to the GA-1310 and the copier. In these cases, use the print options specific to the GA-1310 and the copier. These options appear in the Fiery Printing tab. The application may not set up the file properly for printing on the GA-1310, resulting in unexpected finishing, printing errors, or longer processing time.

TO SET DEFAULT PRINT OPTIONS FOR WINDOWS PRINT JOBS USING THE POSTSCRIPT PRINTER DRIVER

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 **Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 **If the Fiery Printing tab is not displayed, click it.**



- 4 **Specify the default settings for your print job, as described on [page 36](#).**
- 5 **Click OK to close the dialog box.**

Adding and editing watermarks

The Windows printer driver provides the watermarks feature. This feature allows you to select from a list of available watermarks, to create new watermarks, to edit text, font, font size, color, position, and orientation of the watermark, to delete the currently selected watermark, and to specify other settings. The watermark feature is a stamp and writes over the text in the document.

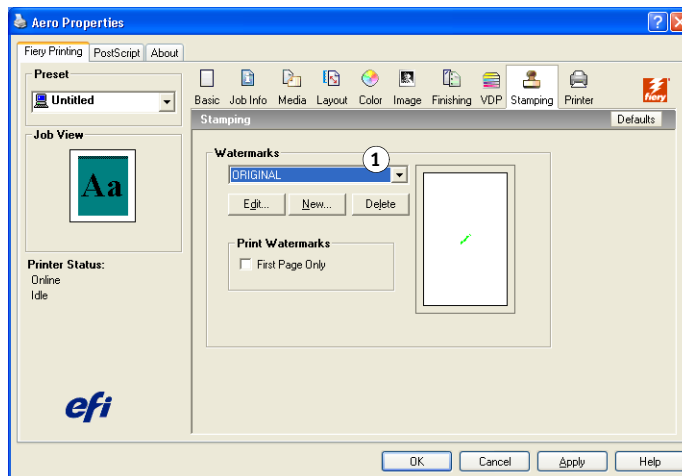


The following procedure describes how to edit watermarks. For more information, see Driver Help.

To ADD AND EDIT WATERMARKS

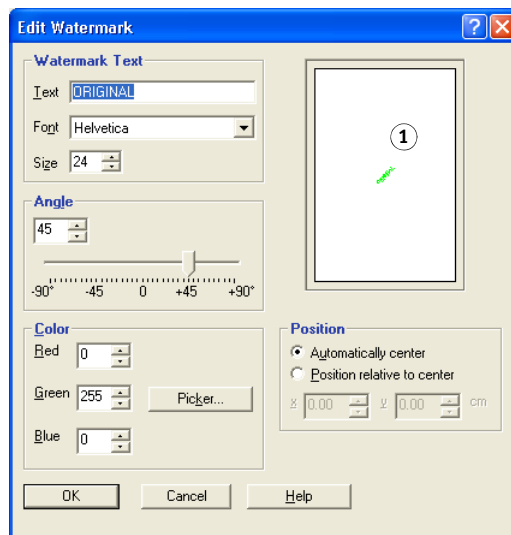
1 On the Fiery Printing tab, click the Stamping icon.

1 Select an available watermark



2 Select a watermark from the menu and click Edit.

The Edit Watermark dialog box appears.

1 Preview area**3 Specify Font and Size of the text in the Watermark Text area.****4 Specify an angle for the watermark text in the Angle area.**

Alternatively, you can click and hold one end of the watermark text in the preview area and drag it to an orientation.

5 Specify a color for the watermark text in the Color area.**6 Specify the position of the watermark text in the Position area.**

Alternatively, you can click and hold the center of the watermark text in the preview area and drag it to a position.

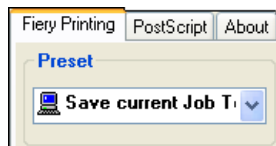
7 Click OK.**8 Specify how you want the watermark text to appear on the output in the Print Watermarks area.**

Using presets

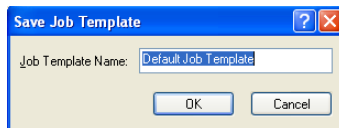
Saving print option settings to your hard disk enables you to load specifically configured settings for a particular job as a preset. You can also share presets over a network, using the Import and Export features.

TO CREATE A PRESET

- 1 Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2** Right-click the GA-1310 icon and choose Printing Preferences.
- 3** Click the Fiery Printing tab.
- 4** Adjust the print settings on the Fiery Printing tab as desired.
- 5** Under Preset, choose Save current Job Template.



- 6** Enter a descriptive name for the preset (up to 32 characters long) and click OK.



The preset is added to the list of available presets.

The presets are available any time you access the Fiery Printing tab. They remain on your local disk until you delete them.

TO CHOOSE A PRESET FOR PRINT JOBS

The Fiery Printing tab shows which, if any, presets are available for all print jobs.

- 1 Windows 2000: Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.**
- 2 Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 Click the Fiery Printing tab.**
- 4 Under Preset, select a different preset.**

The preset is used until you select another one.

NOTE: When you access the Fiery Printing tab from an application's Print dialog box and select a preset, the preset is used only for the current application session.

If the preset you want is not displayed, but you previously backed it up to a disk (exported it), you can import it to use again.

TO DELETE PRESETS

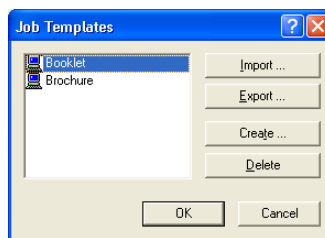
- 1 Windows 2000: Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.**
- 2 Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 Click the Fiery Printing tab.**
- 4 Under Preset, choose Save and manage list of Job Templates.**
The Job Templates dialog box appears.
- 5 Select the preset you want to delete and click Delete.**
- 6 Click OK to close the Job Templates dialog box.**

TO REVERT TO THE DEFAULT PRESET

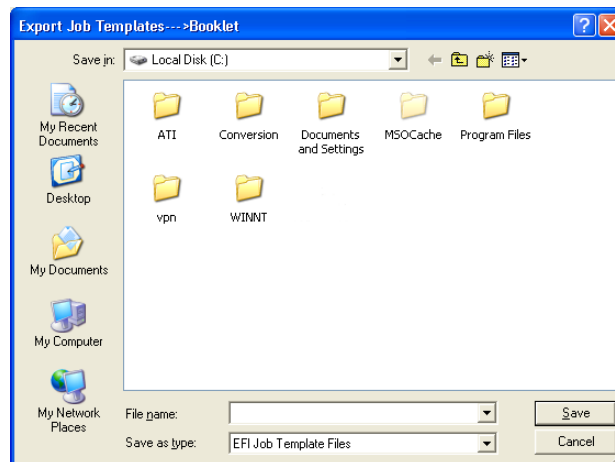
- 1 Windows 2000: Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.**
- 2 Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 Click the Fiery Printing tab.**
- 4 Under Preset, choose Default Job Template.**

TO EXPORT (OR BACK UP) A PRESET TO A HARD DISK

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 **Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 **Click the Fiery Printing tab.**
- 4 **Under Preset, choose Save and manage list of Job Templates.**



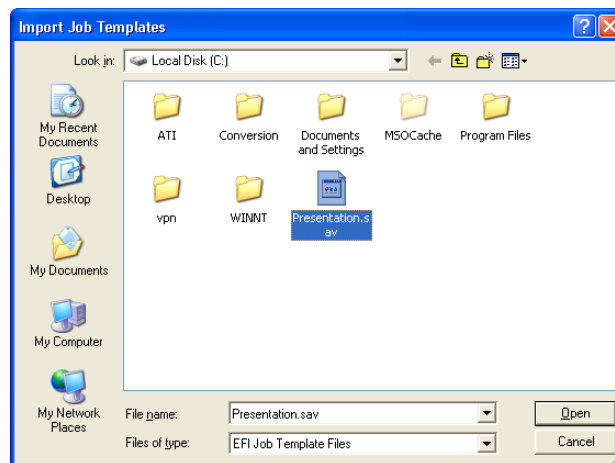
- 5 **Click a name to select the saved preset you want to export or back up.**
- 6 **Click Export.**
- 7 **In the Export Job Templates dialog box, browse to select a folder in which to save the preset.**
- 8 **Enter a short file name for the exported preset and click Save.**



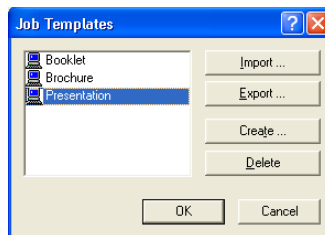
The file includes the long name you gave the preset when you created it and has the .sav extension.

TO IMPORT (RESTORE) A PRESET SAVED ON A DISK

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 **Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 **Click the Fiery Printing tab.**
- 4 **In the Fiery Printing tab, under Preset, choose Save and manage list of Job Temp.**
The Job Templates dialog box appears.
- 5 **Click Import.**
- 6 **Browse to the disk and folder containing the preset you want to import.**
- 7 **Select the preset file and click Open.**



- 8 **Click OK to close the Job Templates dialog box.**



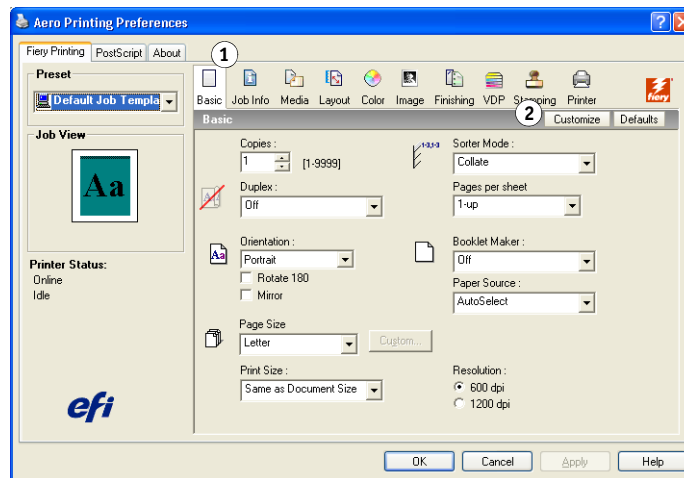
NOTE: When you import presets, they appear in the Preset menu under the preset name, not the file name. In the preceding examples, the file present.sav (file name) was imported, but it appears in the Preset menu as Presentation (preset name).

Customizing the Basic icon

The Basic icon is under the Fiery Printing tab. You can customize it with the print options you use frequently. This saves time because you do not have to open all of the other print option icons if you only want to set the options in Basic. Basic initially contains a default group of print options. You can remove these options and add others.

NOTE: When you place a print option in Basic, it still appears under its appropriate print option icon. You can set the option from either location.

- 1 Basic icon
- 2 Customize (Shortcuts)

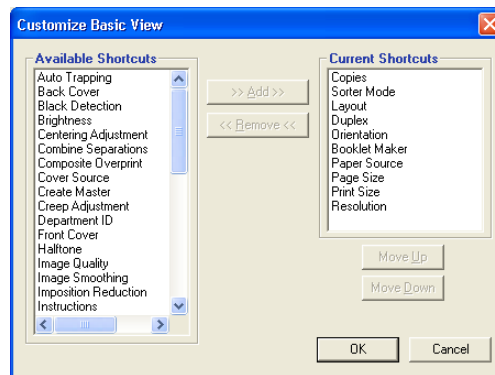


To CUSTOMIZE THE BASIC ICON

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 Right-click the GA-1310 icon and choose Printing Preferences.
- 3 Click the Fiery Printing tab.

4 Click the Basic icon and then click Customize.

The Customize Basic View dialog box is displayed. This dialog box contains the shortcuts for print options. The print options that currently appear in Basic are listed under Current Shortcuts.



5 To add an option to Basic, select the desired option in the Available Shortcuts list and click Add.

6 To remove an option from Basic, select the desired option in the Current Shortcuts list and click Remove.

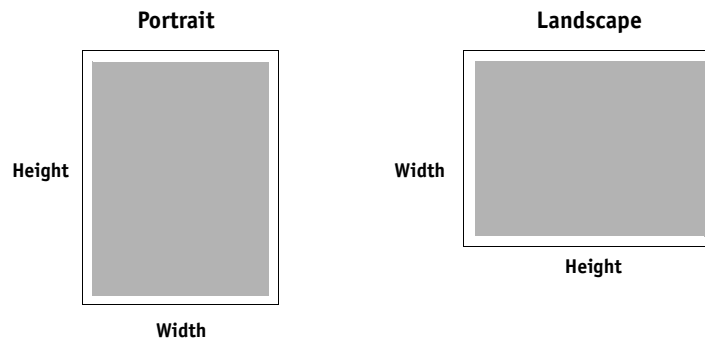
7 To reorder the display of options in Basic, select an option in the Current Shortcuts list and click Move Up or Move Down.

8 Click OK to save your changes.

NOTE: The Basic window cannot be empty. If you remove all options from the Basic window, it reverts to the default group of options.

Defining and printing custom page sizes

With custom page sizes, you define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print. When you create custom page sizes, specify Width dimensions to correspond with the shorter side of your job and specify Height dimensions to correspond with the longer side of your job. Set custom page sizes in this way, regardless of the orientation settings in the application.



NOTE: Custom page sizes are not supported with Imposition jobs.

When you define or edit a custom page size, or print your job on a custom page size in the Windows PostScript printer driver, use the following procedures.

NOTE: Windows 2000/XP/Server 2003/Vista have a similar interface when setting options and printing. The following procedures use Windows XP illustrations with Windows 2000/Server 2003/Vista differences noted.

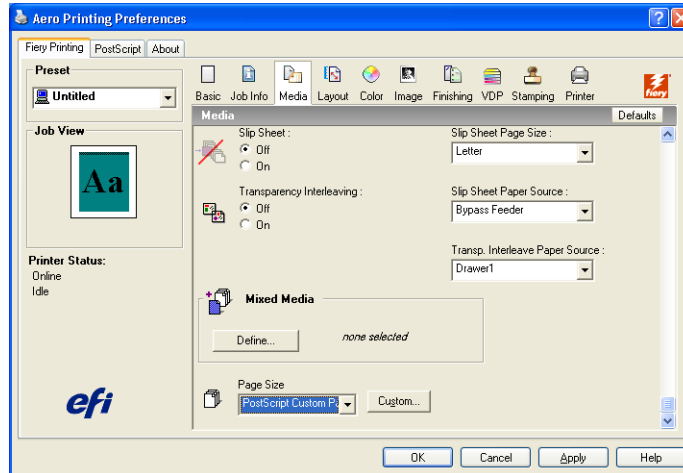
Custom page sizes for Windows PostScript printer driver

When you define or edit a custom page size, or print your job on a custom page size in the PostScript printer driver, use the following procedures.

TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS POSTSCRIPT PRINTER DRIVER

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 Right-click the GA-1310 PS icon and choose Printing Preferences.

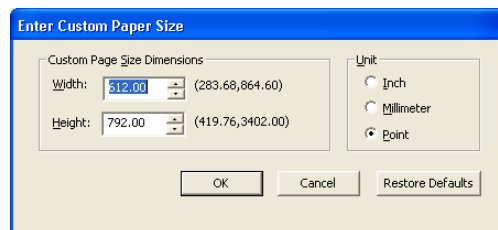
3 Click the Media icon.



In cases when printing one document page per sheet of paper, Page Size is usually the same as the Print size. However, it may differ when printing booklets or imposing multiple document pages on a single sheet.

4 Choose PostScript Custom Page Size from the Page Size menu and then click Custom.

The Enter Custom Paper Size dialog box appears.



5 Specify options to define the custom page size.

Custom Page Size Dimensions: Specify the width and height of the print job.

Unit: Select a unit of measurement for the print job.

6 Click OK to close the Enter Custom Paper Size dialog box.

7 Click OK to close the Printing Preferences dialog box.

You can now specify the custom page size from an application.

TO EDIT A CUSTOM PAGE SIZE WITH THE WINDOWS POSTSCRIPT PRINTER DRIVER

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 **Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 **Click the Media icon.**
- 4 **Choose PostScript Custom Page Size from the Page Size list and then click Custom.**
The Enter Custom Paper Size dialog box appears.
- 5 **Edit the settings, as described on [page 50](#), and click OK.**

TO PRINT A CUSTOM PAGE SIZE WITH THE WINDOWS POSTSCRIPT PRINTER DRIVER

- 1 **Choose Print from your application.**
- 2 **Select the GA-1310 as the printer and click Properties.**
- 3 **Click the Fiery Printing tab and then click the Media icon.**
- 4 **From the Paper Source list, choose the paper tray that contains the custom-size paper for the job.**
The Paper Source selection is valid for the current job only.
- 5 **Choose PostScript Custom Page Size from the Page Size list.**
- 6 **Click the Layout icon.**
- 7 **Select a setting from Orientation, according to the way the custom size paper is loaded.**
- 8 **Click OK and then click OK again to print the job.**

Viewing the copier status

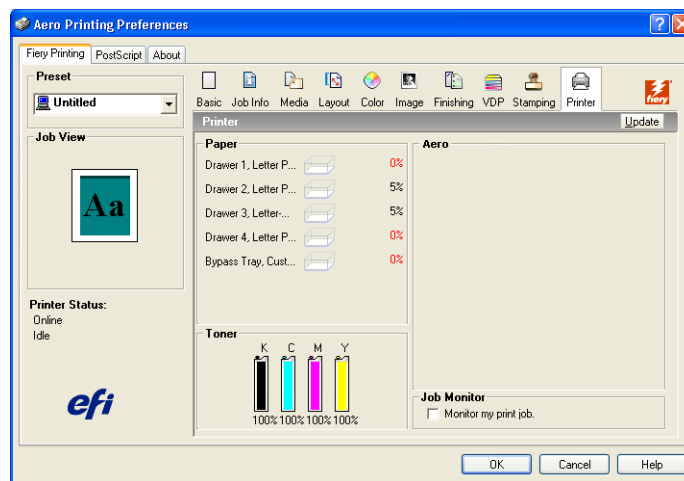


If you have enabled Two-Way Communication for your printer, you can monitor the status of the printer, including the levels of consumable materials, such as paper and toner. For more information, see Driver Help.

For information about enabling Two-Way Communication, see [“Configuring installed options and updating print options settings automatically”](#) on page 29.

TO VIEW THE STATUS OF THE COPIER CONSUMABLES

- 1 **Windows 2000:** Click Start, choose Settings, and then choose Printers.
Windows XP: Click Start and choose Printers and Faxes.
Windows Server 2003: Click Start, choose Control Panel, and then choose Printers and Faxes.
Windows Vista: Click the Start button, choose Control Panel, and then double-click Printers.
- 2 **Right-click the GA-1310 icon and choose Printing Preferences.**
- 3 **Click the Fiery Printing tab.**
- 4 **Click the Printer icon and click Update.**



Printer status is displayed in two places on the Fiery Printing tab:

- **Printer Status (on the left side of the window under the document thumbnail image):** Displays error conditions that can prevent you from printing.
- **Under the Printer icon:** Displays information about the level of both available paper in each tray and available toner (if applicable), as well as a thumbnail image of the printer and its installed options.

To update this status information, click Update.

Saving files to print at a remote location

If you do not have an GA-1310 onsite and are preparing files to take to a service bureau or other location, print the final files to the File port (as opposed to one of the local ports). You can also print to the File port to create a file to download using the Docs WebTool. For instructions on printing to the File port, see the documentation that accompanies Windows.

INDEX

B

Basic icon, customizing 47

C

ColorWise print options 29

consumables, viewing status of 52

custom page size

defining 49

editing 51

overview 49

printing 51

D

default print options, setting 40

Docs tab in WebTools 35

downloading printer driver files

using WebTools 11

Downloads tab in WebTools 11

F

Fiery User Software Installer 7

File port, printing files to 53

FTP Printing 33

H

Hot Folders 35

I

installable options

configuring manually 28

updating automatically 29

installed options, configuring 29

installing

Job Monitor 30

local printer (Port 9100) 13

printer drivers

from User Software DVD 13

using Point and Print 8

virtual printers using Point and Print 16

IPP (Internet Printing Protocol) printing

completing connections 26

setting up 26

IPX printing, setting up 24

J

Job Info icon 36

Job Monitor

installing 30

installing from User Software DVD 7

L

LPR printing connection, setting up 20

N

Notes field 37

O

overriding Printer Setup settings 39

P

page sizes *See* custom page sizes 49

Point and Print 8

PostScript Printer Description (PPD) files, *see*

PPD files

PPD files

described 7

Windows, selecting 13

presets

choosing 44

creating 43

deleting 44

exporting 45

importing 46

reverting to default 44

sharing 43

print device status, viewing 52

Printer Delete Utility 18

printer drivers

downloading

using WebTools 11

installing

from User Software DVD 13

uninstalling 18

Printer's default 39

- printing
 - custom page sizes 51
 - from Windows applications 35
 - IPP 26
 - IPX (Novell) 24
 - LPR 20
 - SMB 9
 - to File port 53
- printing connections, supported types 19
- R**
- remote printing 35, 53
- S**
- Secure Print option 34
- SMB printing
 - completing connection 19
 - completing printing connection 13
 - setting up 9
- Standard TCP/IP Port (Raw or LPR)
 - connection, setting up 20
- T**
- terminology used for product names 5
- Two-Way Communication 38
 - enabling 29
 - monitoring print status 52
 - updating
 - installable options automatically 29
- U**
- USB device 31
 - automatic printing 31
 - printing files from 31
- User Authentication 37
- user software for basic printing setup 7
- V**
- virtual printers
 - installing using Point and Print 16
 - setting up 16
- W**
- watermarks, adding and editing 41
- WebTools
 - Docs tab 35
 - downloading printer driver files 11
 - Downloads tab 11