



WF-M5194 User's Guide

Contents

WF-M5194 User's Guide	11
Product Basics	12
Using the Control Panel	12
Control Panel Buttons and Lights	12
Status Icons	13
Setting a Password and Locking the Control Panel	14
Entering Characters on the LCD Screen	15
Changing LCD Screen Language.....	15
Adjusting the Screen Contrast	16
Product Parts Locations	17
Printer Parts - Top	17
Printer Parts - Inside	19
Printer Parts - Back.....	19
Using Eco Mode	20
Changing the Eco Settings	20
Changing the Sleep Timer Settings	21
Changing the Power Off Timer Settings	22
Epson Connect Solutions for Smartphones, Tablets, and More	23
Using Epson Email Print	23
Using the Epson iPrint Mobile App	24
Using the Epson Creative Print Mobile App	24
Using Epson Remote Print	25
Using Google Cloud Print	25
Setting Up Google Cloud Print on a Chromebook	26
Android Printing Using the Epson Print Enabler	27
Using Fire OS Printing	28
Using Epson Print and Scan App with Windows Tablets	28
Wi-Fi or Wired Networking	30
Wi-Fi Infrastructure Mode Setup.....	30
Selecting Wireless Network Settings From the Control Panel	31

Wi-Fi Direct Mode Setup	33
Enabling Wi-Fi Direct Mode	34
Wi-Fi Protected Setup (WPS).....	36
Using WPS to Connect to a Network	36
Printing a Network Status Sheet.....	37
Changing or Updating Network Connections	38
Accessing the Web Config Utility	38
Changing a USB Connection to a Wi-Fi Connection.....	39
Changing a Wi-Fi Connection to a Wired Network Connection.....	39
Connecting to a New Wi-Fi Router	40
Disabling Wi-Fi Features	40
Enabling Epson Universal Print Driver (PCL) or PostScript Printing.....	42
Installing the Epson Universal Print Driver - Windows	42
Installing the PostScript (PS3) Printer Software - Windows	46
Installing the PostScript (PS3) Printer Software - OS X.....	46
Selecting PDL (Page Description Language) Settings	47
PDL Print Configuration Options.....	48
Selecting Printer Language and Interface Settings	50
Printer Language and Interface Options	51
Loading Paper	53
Loading Paper for Documents in the Cassette	53
Loading Paper or Envelopes in the Rear Paper Feed Slot	58
Paper Loading Capacity	62
Available Epson Papers	63
Selecting the Paper Settings for Each Source - Control Panel	64
Paper Type Settings - Control Panel	65
Paper or Media Type Settings - Printing Software	66
Selecting Default Paper Settings - Administrator.....	66
Selecting the Paper Source Settings - Administrator	67
Paper Source Settings Options.....	68
Selecting Universal Print Settings.....	68
Universal Print Settings Options	69
Installing and Enabling the Optional Second Paper Cassette	70

Installing the Optional Second Paper Cassette	70
Enabling the Optional Paper Cassette - Windows	71
Enabling the Optional Paper Cassette - OS X	73
Printing from a Computer	75
Printing with Windows	75
Selecting Basic Print Settings - Windows	75
Paper Source Options - Windows	77
Print Quality Options - Windows	78
Multi-Page Printing Options - Windows	78
Selecting Double-sided Printing Settings - Windows	78
Double-sided Printing Options - Windows	81
Print Density Adjustments - Windows	82
Selecting Additional Layout and Print Options - Windows	83
Image Options and Additional Settings - Windows	84
Header/Footer Settings - Windows	85
Selecting a Printing Preset - Windows	86
Selecting Extended Settings - Windows	88
Printing Your Document or Photo - Windows	89
Selecting Default Print Settings - Windows	90
Changing the Language of the Printer Software Screens	91
Changing Automatic Update Options	92
Printing with OS X	93
Selecting Basic Print Settings - OS X	94
Paper Source Options - OS X	97
Print Quality Options - OS X	97
Selecting Page Setup Settings - OS X	98
Selecting Print Layout Options - OS X	99
Selecting Double-sided Printing Settings - OS X	99
Double-sided Printing Options and Adjustments - OS X	101
Managing Color - OS X	101
Color Matching Options - OS X	102
Selecting Printing Preferences - OS X	102
Printing Preferences - OS X	103

Printing Your Document or Photo - OS X.....	104
Checking Print Status - OS X.....	104
Printing with the Epson Universal Print Driver - Windows.....	105
Synchronizing Printer Settings - Epson Universal Print Driver - Windows	106
Selecting Basic Print Settings - Epson Universal Print Driver - Windows	108
Selecting Additional Layout and Print Options - Epson Universal Print Driver - Windows	110
Selecting Maintenance Options - Epson Universal Print Driver - Windows.....	112
Extended Settings - Epson Universal Print Driver - Windows	113
Selecting Default Print Settings - Epson Universal Print Driver - Windows.....	114
Locking Printer Settings - Epson Universal Print Driver - Windows	116
Epson Universal Print Driver Locked Setting Options	117
Adding Network Printers - Epson Universal Print Driver - Windows.....	118
Printing with the PostScript (PS3) Printer Software - Windows	121
Enabling the Optional Paper Cassette - PostScript Printer Software - Windows	121
Selecting Basic Print Settings - PostScript Printer Software - Windows	123
Selecting Additional Layout and Print Options - PostScript Printer Software - Windows	125
Selecting Default Print Settings - PostScript Printer Software - Windows.....	126
Printing with the PostScript (PS3) Printer Software - OS X	127
Enabling the Optional Paper Cassette - PostScript Printer Software - OS X	128
Selecting Basic Print Settings - PostScript Printer Software - OS X	129
Selecting Page Setup Settings - PostScript Printer Software - OS X.....	133
Selecting Print Layout Options - PostScript Printer Software - OS X.....	134
Sizing Printed Images - PostScript Printer Software - OS X	135
Managing Color - PostScript Printer Software - OS X	135
Printing Your Document or Photo - PostScript Printer Software - OS X.....	136
Checking Print Status - PostScript Printer Software - OS X	137
Cancelling Printing Using a Product Button.....	138
Replacing the Ink Cartridge and Maintenance Box	139
Check Status of the Ink Cartridge and Maintenance Box	139
Checking Cartridge Status on the LCD Screen.....	139
Checking Cartridge and Maintenance Box Status with Windows	140
Checking Cartridge and Maintenance Box Status with OS X.....	143
Purchase Epson Ink Cartridges and Maintenance Box	144

Ink Cartridge and Maintenance Box Part Numbers.....	144
Removing and Installing the Ink Cartridge.....	145
Replacing the Maintenance Box.....	149
Adjusting Print Quality.....	152
Print Head Maintenance.....	152
Print Head Nozzle Check.....	152
Checking the Nozzles Using the Product Control Panel	153
Checking the Nozzles Using a Computer Utility	155
Print Head Cleaning	158
Cleaning the Print Head Using the Product Control Panel	158
Cleaning the Print Head Using a Computer Utility.....	159
Print Head Alignment	162
Aligning the Print Head Using the Product Control Panel	162
Aligning the Print Head Using a Computer Utility.....	163
Cleaning the Paper Guide	165
Cleaning and Transporting the Product	166
Cleaning the Product.....	166
Transporting Your Product	166
Solving Problems	168
Checking for Software Updates.....	168
Product Status Messages	169
Running a Product Check	170
Resetting Control Panel Defaults	171
Solving Setup Problems	172
Noise After Ink Installation.....	172
Software Installation Problems	173
Solving Network Problems	173
Product Cannot Connect to a Wireless Router or Access Point	174
Network Software Cannot Find Product on a Network.....	175
Product Does Not Appear in OS X Printer Window.....	176
Cannot Print Over a Network.....	176
Solving Paper Problems.....	178
Paper Feeding Problems.....	178

Paper Jam Problems Inside the Product	179
Paper Jam Problems in the Cassette	181
Paper Jam Problems in the Duplexer (Rear Cover).....	183
Paper Ejection Problems	185
Solving PCL/PostScript Problems	185
Nothing Prints Using the PCL/Postscript Printer Software.....	185
Settings Are Missing from the PCL or PostScript Printer Software	186
Solving Problems Printing from a Computer.....	186
Nothing Prints	186
Product Icon Does Not Appear in Windows Taskbar	187
Printing is Slow	187
Solving Page Layout and Content Problems	188
Inverted Image.....	189
Too Many Copies Print	189
Blank Pages Print	189
Incorrect Margins on Printout.....	190
Incorrect Characters Print.....	190
Incorrect Image Size or Position	191
Slanted Printout	191
Solving Print Quality Problems	191
White or Dark Lines in Printout	192
Blurry or Smearred Printout	192
Faint Printout or Printout Has Gaps	194
Grainy Printout.....	194
Uninstall Your Product Software.....	195
Uninstalling Printing Software - Standard Epson Printer Software - Windows	196
Uninstalling Product Software - OS X	197
Where to Get Help.....	197
Technical Specifications	199
Windows System Requirements	199
OS X System Requirements.....	200
Paper Specifications	200
Printable Area Specifications	201

Ink Cartridge Specifications.....	203
Dimension Specifications	204
Electrical Specifications	204
Environmental Specifications	205
Interface Specifications	205
Network Interface Specifications	205
Safety and Approvals Specifications	206
PostScript Fonts.....	207
PCL Fonts	208
Symbol Sets	211
Notices	219
Important Safety Instructions.....	219
General Printer Safety Instructions.....	219
Ink Cartridge Safety Instructions.....	221
LCD Screen Safety Instructions.....	221
Wireless Connection Safety Instructions	222
FCC Compliance Statement.....	222
Trademarks	223
Copyright Notice.....	223
libTIFF Software Acknowledgment.....	224
A Note Concerning Responsible Use of Copyrighted Materials.....	225
Default Delay Times for Power Management for Epson Products	225
Copyright Attribution	225

WF-M5194 User's Guide

Welcome to the WF-M5194 *User's Guide*.

For a printable PDF copy of this guide, [click here](#).

Product Basics

See these sections to learn about the basic features of your product.

[Using the Control Panel](#)

[Product Parts Locations](#)

[Using Eco Mode](#)

[Epson Connect Solutions for Smartphones, Tablets, and More](#)

[Using Google Cloud Print](#)

[Setting Up Google Cloud Print on a Chromebook](#)

[Android Printing Using the Epson Print Enabler](#)

[Using Fire OS Printing](#)

[Using Epson Print and Scan App with Windows Tablets](#)

Using the Control Panel

See these sections to learn about the control panel and select control panel settings.

[Control Panel Buttons and Lights](#)

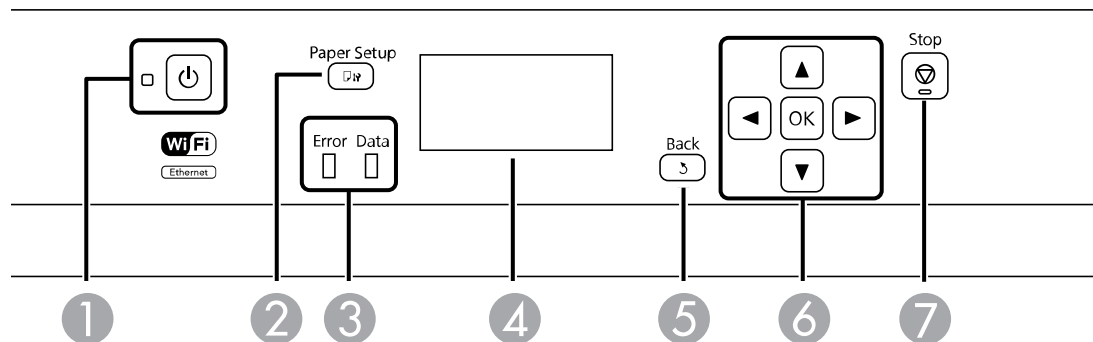
[Setting a Password and Locking the Control Panel](#)





[Changing LCD Screen Language](#)

[Adjusting the Screen Contrast](#)

Parent topic: [Product Basics](#)

Control Panel Buttons and Lights











- 1 The  power button and light
- 2 The  **Paper Setup** button
- 3 The **Error** and **Data** lights
- 4 The LCD screen
- 5 The  **Back** button
- 6 The arrow buttons and the **OK** button
- 7 The  **Stop** button

Status Icons

Parent topic: [Using the Control Panel](#)

Status Icons

Status icons may be displayed on the LCD screen depending on the product's status.

Icons	Description
	There is no Ethernet connection.
	An Ethernet connection has been established.
	A Wi-Fi network error has occurred or the product is searching for a connection.
	A Wi-Fi connection has been established. The number of bars indicates the connection's signal strength.
	An Ad hoc connection has been established.
	A Wi-Fi Direct mode connection has been established.
	A Simple AP mode connection has been established.
	One of the Eco Mode settings is enabled.

Parent topic: [Control Panel Buttons and Lights](#)

Setting a Password and Locking the Control Panel

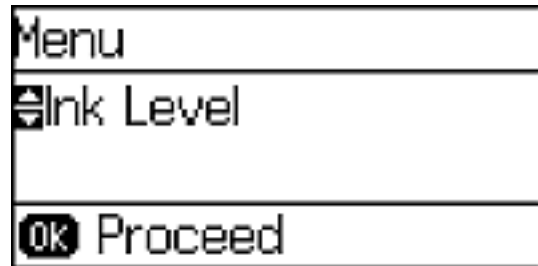
You can set an administrator password to lock the following control panel settings:

- System Administration Setup settings
- Eco Mode settings

When the control panel is locked, you must enter the password to access any of the locked settings.

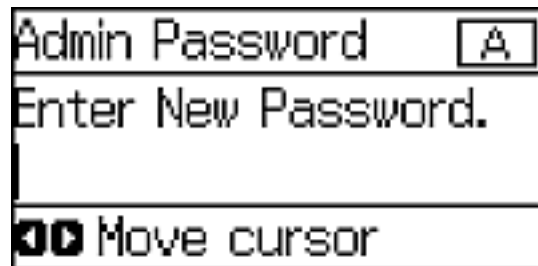
1. Press the up and down arrow buttons, select **Menu**, and press the **OK** button.

You see a screen like this:



2. Press the down arrow button, select **Admin Settings**, and press the **OK** button.
3. Select **Admin Password** and press the **OK** button.
4. Select **Register** and press the **OK** button.

You see a screen like this:



5. Use the control panel buttons to enter a password and press the **OK** button.
6. Enter your password again to confirm.

7. Press the **OK** button.
8. Use the arrow buttons to select **Lock Setting** and press the **OK** button.
9. Select **On** and press the **OK** button.

Note: If you forget your password, contact Epson support for assistance.


[Entering Characters on the LCD Screen](#)

Parent topic: [Using the Control Panel](#)

Entering Characters on the LCD Screen

Follow these guidelines to enter characters for passwords and other settings.



- To enter letters or symbols, press the up or down arrow buttons to scroll through characters, and press the right arrow button to select one.
- To enter numbers or change the case of letters, press the  **Stop** button.
- To delete the previous character, press the left arrow button.
- To enter a space, press the right arrow button.

Parent topic: [Setting a Password and Locking the Control Panel](#)

Changing LCD Screen Language

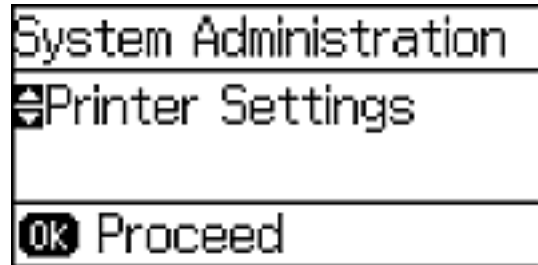
You can change the language used on the LCD screen.

Note: This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.

2. Press the down arrow button, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.

You see a screen like this:



3. Press the down arrow button, select **Common Settings**, and press the **OK** button.
4. Press the down arrow button, select **Language**, and press the **OK** button.
5. Select a language and press the **OK** button.

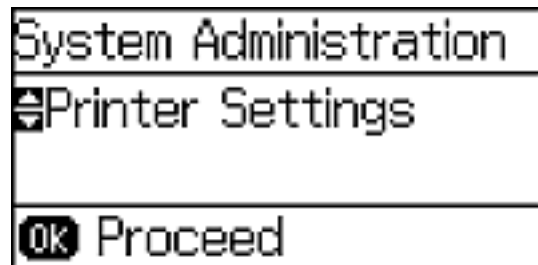
Parent topic: [Using the Control Panel](#)

Adjusting the Screen Contrast

You can adjust the contrast of the LCD screen.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the down arrow button, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.

You see a screen like this:



3. Select **Common Settings** and press the **OK** button.
4. Select **LCD Contrast** and press the **OK** button.
5. Press the up or down arrow buttons to adjust the screen contrast.
6. Press the **OK** button to exit.

Parent topic: [Using the Control Panel](#)

Product Parts Locations

See these sections to identify the parts on your product.

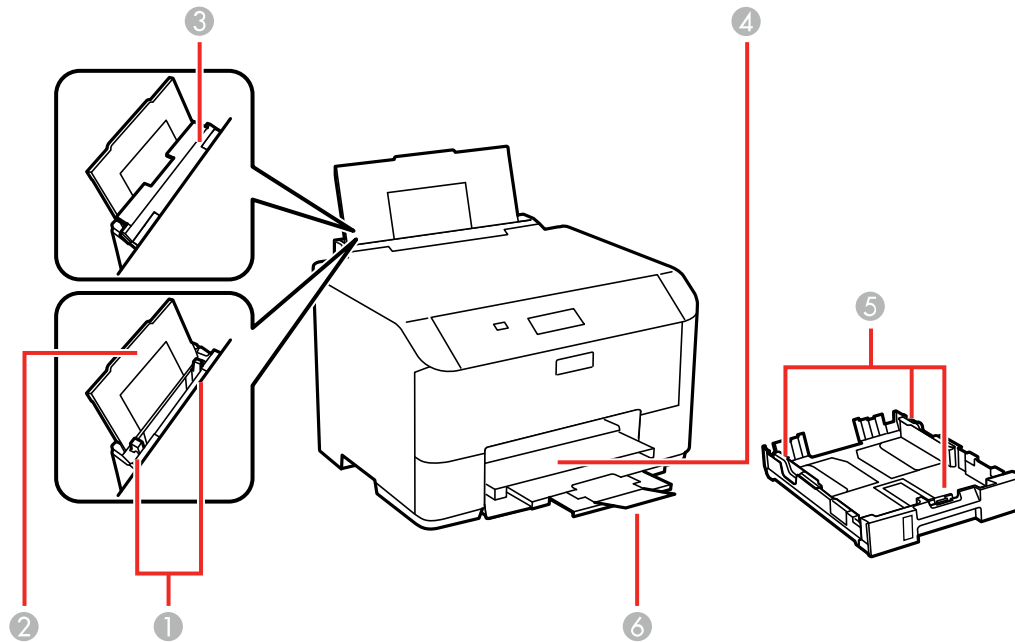
[Printer Parts - Top](#)

[Printer Parts - Inside](#)

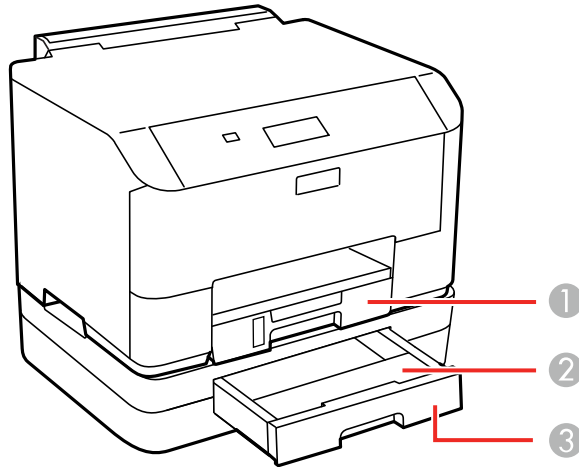
[Printer Parts - Back](#)

Parent topic: [Product Basics](#)

Printer Parts - Top



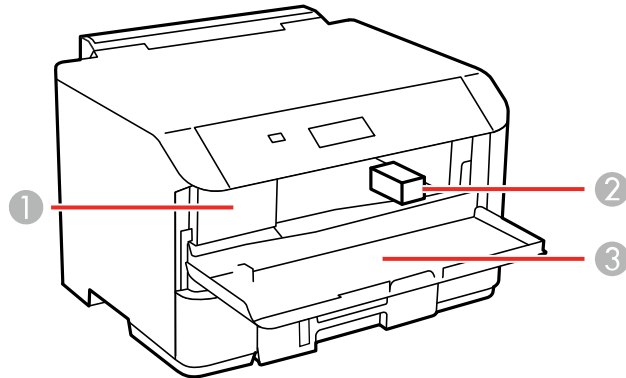
- 1 Rear sheet feeder edge guides
- 2 Rear paper support
- 3 Rear paper feed cover
- 4 Output tray
- 5 Cassette edge guides
- 6 Output tray extension and paper stopper



- 1 Paper cassette 1
- 2 Paper cassette unit (optional)
- 3 Paper cassette 2 (optional)

Parent topic: [Product Parts Locations](#)

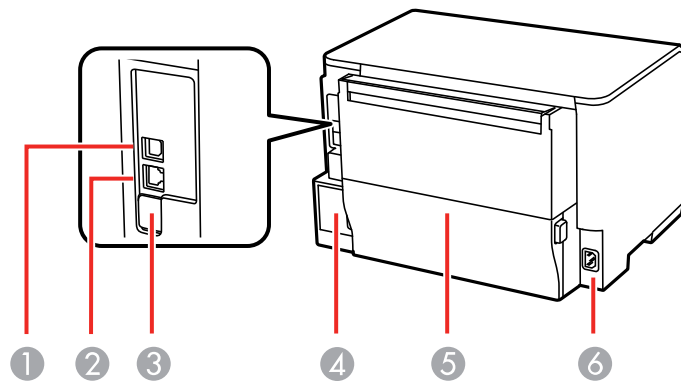
Printer Parts - Inside



- 1 Ink cartridge holder
- 2 Print head (do not remove)
- 3 Front cover (opened)

Parent topic: [Product Parts Locations](#)

Printer Parts - Back



- 1 **USB port**

- 2 Ethernet **LAN** port
- 3 Service port
- 4 Maintenance box
- 5 Rear cover
- 6 AC inlet

Parent topic: [Product Parts Locations](#)

Using Eco Mode

Your product enters sleep mode automatically and turns off the LCD screen if it is not used for a period of time. You can make the time period shorter and select other options to save energy and resources.

[Changing the Eco Settings](#)

[Changing the Sleep Timer Settings](#)

[Changing the Power Off Timer Settings](#)

Parent topic: [Product Basics](#)

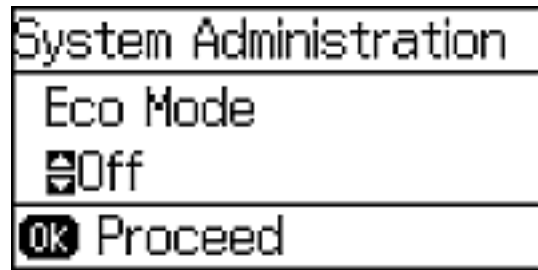
Changing the Eco Settings

You can use the product control panel to change the Eco settings.


Note: The Sleep Timer setting in Eco Mode overrides the Sleep Timer setting in Common Settings. This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the up or down arrow buttons, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.
3. Press the up or down arrow buttons, select **Eco Mode**, and press the **OK** button.

You see a screen like this:



4. Select **On** and press the **OK** button.
5. Press the up arrow button.
6. Change settings as necessary.
7. Press the **OK** button to exit.

You see the  icon on the LCD screen to indicate that Eco settings are enabled.

Parent topic: [Using Eco Mode](#)

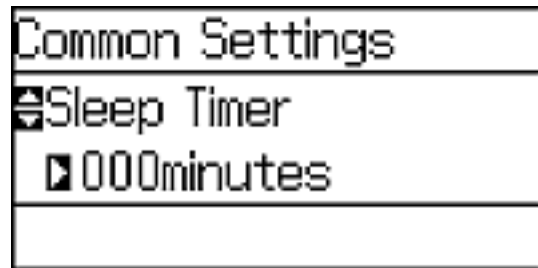
Changing the Sleep Timer Settings

You can adjust the time period before your product enters sleep mode and turns off the LCD screen.

Note: The Sleep Timer setting in Eco Mode overrides the Sleep Timer setting in Common Settings. This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the up or down arrow buttons, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.
3. Press the down arrow button, select **Common Settings**, and press the **OK** button.
4. Press the down arrow button, select **Sleep Timer**, and press the **OK** button.

You see a screen like this:



5. Press the up or down arrow buttons to increase or reduce the number of minutes.
6. Press the left or right arrow buttons to move the cursor.
7. Press the **OK** button.

Parent topic: [Using Eco Mode](#)

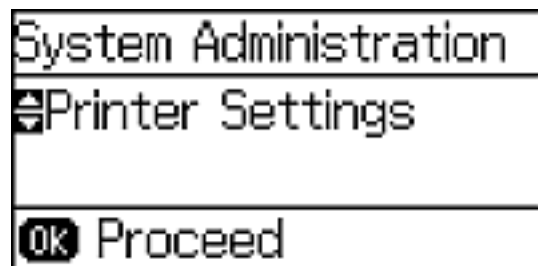
Changing the Power Off Timer Settings

You can have the product turn off automatically if it is not used for a specified period of time.

Note: This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the down arrow button, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.

You see a screen like this:



3. Press the down arrow button, select **Common Settings**, and press the **OK** button.
4. Press the down arrow button, select **Power Off Timer**, and press the **OK** button.
5. Select a time period between **30minutes** and **12h** (12 hours), and press the **OK** button.

Parent topic: [Using Eco Mode](#)

Epson Connect Solutions for Smartphones, Tablets, and More

Use your smartphone, tablet, or computer to print documents, photos, emails, and web pages from your home, office, or even across the globe.

[Using Epson Email Print](#)

[Using the Epson iPrint Mobile App](#)

[Using the Epson Creative Print Mobile App](#)

[Using Epson Remote Print](#)

Parent topic: [Product Basics](#)

Using Epson Email Print

With Epson Email Print, you can print from any device that can send email, such as your smartphone, tablet, or laptop. Just activate your product's unique email address. When you want to print, attach a PDF, Microsoft Office document, or photo to an email and send it to your product. Both the email and the attachments will print automatically.

1. Connect your product to your network. See the link below.
2. If you did not already set up Email Print when you installed your product software, visit epsonconnect.com to learn more about Email Print, create your Epson Connect account, and register your product to the Epson Connect service.
3. Now you are ready to send and print emails to your product's Email Print address.

Note: Go to epsonconnect.com and log into your Epson connect account to personalize your product's email, adjust print settings, and set up other Epson Connect services.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using the Epson iPrint Mobile App

Use this free Apple and Android app to print with networked Epson products. Epson iPrint lets you print PDFs, Microsoft Office documents, photos, and web pages from your device or from popular cloud services such as Box, Dropbox, Evernote, Google Drive, or Microsoft OneDrive.

1. Connect your product to your wireless network. See the link below.
2. Visit epson.com/connect to learn more about Epson iPrint and check the compatibility of your mobile device.
3. Download Epson iPrint from the Apple App Store or Google Play.
4. Connect your mobile device to the same wireless network as your product.
5. Open Epson iPrint and select your Epson product.

Now you are ready to print with your mobile device and your Epson product.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using the Epson Creative Print Mobile App

Use this free Apple and Android app to do the following:

- Access and print your Facebook photos
 - Create custom greeting cards and stationery
 - Print onto CD/DVDs
 - Turn photos into coloring book templates
1. Connect your product to your wireless network. See the link below.
 2. Visit epson.com/connect to learn more about Epson Creative Print and check the compatibility of your mobile device and your Epson product.
 3. Download Epson Creative Print from the Apple App Store or Google Play.
 4. Connect your mobile device to the same wireless network that your product is using.
 5. Open Epson Creative Print.

Now you are ready to get creative with your mobile device and your Epson product.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using Epson Remote Print

With Epson Remote Print software, you can print from your laptop or desktop computer to an Epson Email-enabled product anywhere in the world.

1. Connect your Epson product to your wireless network. See the link below.
2. If you did not already set up an Epson Connect account when you installed your product software, visit epsonconnect.com to create your account and register your product to the Epson Connect service.

Note: Make a note of your product's email address.

3. Visit epsonconnect.com to learn more about Remote Print and how to download the Remote Print Driver software.
4. Download and install the Remote Print software.
5. Enter the email address and optional access key of your Epson product during Remote Print setup.
6. Now you are ready to print remotely. Select the print command in your laptop or desktop computer application and choose the Remote Print option for your Epson product.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using Google Cloud Print

With a Google Account, you can print from your Apple or Android device to your Epson product. You can also print from Chromebooks and the Google Chrome browser without drivers or cables.

1. Connect your Epson product to your wireless network. See the link below.
2. Note your product's IP address by checking your network status. See the link below.
3. Connect your computer or your Apple or Android device to the same wireless network as your Epson product.
4. Enter your product's IP address into the address bar of a web browser.

5. Select the **Google Cloud Print Services** option.

Note: If you don't see the **Google Cloud Print Services** option, turn your product off and back on. If the option still doesn't appear, select the **Firmware Update** option and follow the on-screen instructions to update your product.

6. Click **Register**.
7. Select the checkbox to agree to the Usage Advisory and click **Next**.
8. Click **OK** to launch the sign-in page.
A separate browser window opens.
9. Enter your Google Account username and password and click **Sign in**, or, if you don't have an account, click **Sign up for a new Google Account** and follow the on-screen instructions.
10. Click **Finish printer registration** to complete setup and print a test page.

Your product is now linked to your Google Account and can be accessed from any Chromebook, computer, Apple or Android device with Internet access. Visit [Epson Support](#) for more information on using Google Cloud Print, or the [Google Cloud Print](#) website for a list of [supported apps](#).

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Setting Up Google Cloud Print on a Chromebook

With a Google Account, you can print from a Chromebook without drivers or cables.

1. Connect your Epson product to your wireless network. See the link below.
2. Turn on your Chromebook and connect it to the same wireless network as your product.

Note: See your Chromebook's documentation for details on connecting to a network.

3. Do one of the following:
 - Click **Add to Cloud Print** in the notification that appears in the corner of your Chromebook screen.

Note: If you do not see a notification, check to see if a number appears in the status area at the lower-right corner of the screen. Click this number to open the notifications menu, then click **Add to Cloud Print**.

- Open a web browser and enter **chrome://devices** in the address bar. Skip to step 4.
 - If you see a registration confirmation screen instead, click **Register**.
4. Click **Add Device**.
 5. Click the **Register** button that appears next to your product.
 6. Click **Register** on the confirmation screen. Your product's LCD screen displays a confirmation message.
 7. Select **OK** or press the **OK** button on your product to confirm the Google Cloud Print connection and print a test page.

Your product is now linked to your Google Account and can be accessed from any Chromebook, iPhone, or Android phone with Internet access. Visit [Epson Support](#) for more information on using Google Cloud Print, or the [Google Cloud Print](#) website for a list of [supported apps](#)

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Android Printing Using the Epson Print Enabler

You can wirelessly print your documents, emails, photos, and web pages right from your Android phone or tablet (Android v4.4 or later). With a few taps, your Android device will discover your nearby Epson product and print.

1. Connect your Epson product to your wireless network. See the link below.
2. On your Android device, download the Epson Print Enabler plug-in from Google Play.
3. Go to settings on your Android device, select printers, and enable the Epson plug-in.
4. Connect your Android device to the same wireless network as your product.
5. Now you are ready to print. From an Android application such as Chrome or Gmail, tap the menu icon and print whatever is on the screen.

Note: If you do not see your product, tap **All Printers** and select your product.

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using Fire OS Printing

You can wirelessly print from Amazon Fire tablets and phones to your nearby networked Epson product. There is no software to download, no drivers to install, and no cables to connect. With just a few taps in Email, Calendar, Contacts, and WPS Office, you can send whatever is on the screen to an Epson product.

1. Connect your Epson product to your wireless network. See the link below.
2. Connect your Amazon device to the same wireless network as your product.
3. Now you are ready to print. From your Amazon application, tap the print option and select your product to print whatever is on the screen.

Note: If you see a message telling you that a plug-in is required, tap **OK** and tap **Download**. If your Amazon Fire product uses Fire OS 5 and above, your device automatically uses the built-in Mopria Print Service app to print.

Visit epson.com/connect to learn more about Fire OS Printing (one of many Epson Connect Partner Solutions) and check the compatibility of your mobile device.

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using Epson Print and Scan App with Windows Tablets

You can use this free app to print photos and scan from your Windows (Windows 8 or higher) Surface RT or Pro tablet with networked Epson products. Epson Print and Scan App allows you to scan and capture images right to your tablet or to Microsoft OneDrive.

Note: The Epson Print and Scan App does not support Windows 10 Mobile printing.

1. Connect your Epson product to your wireless network. See the link below.
2. Download Epson Print and Scan App from the Microsoft Windows Store.
3. Connect your Windows tablet to the same wireless network as your product.
4. Open Epson Print and Scan App and select your Epson product.

Now you are ready to print photos or scan.

Visit epson.com/connect to learn more about Epson Print and Scan App.

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Wi-Fi or Wired Networking

See these sections to use your product on a Wi-Fi or wired network.

[Wi-Fi Infrastructure Mode Setup](#)

[Wi-Fi Direct Mode Setup](#)

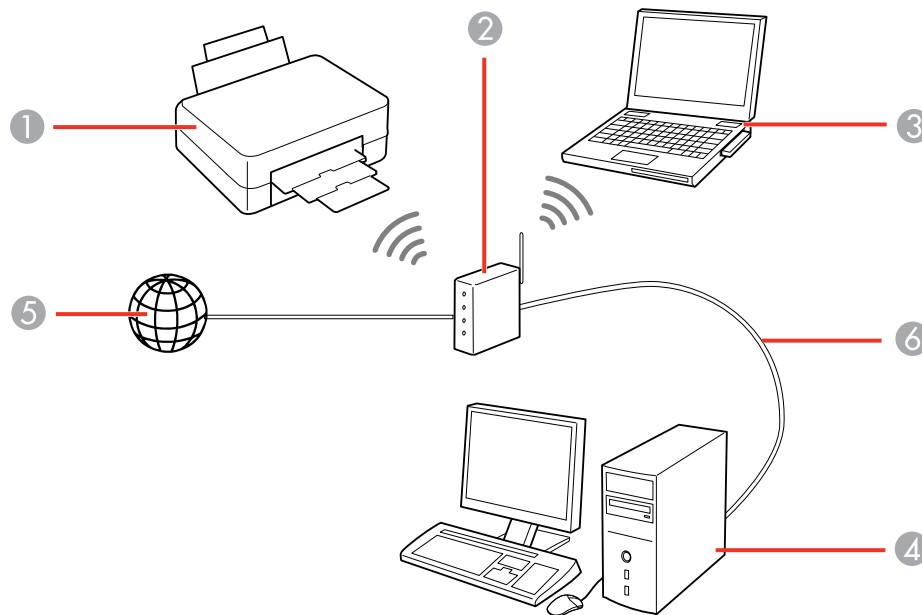
[Wi-Fi Protected Setup \(WPS\)](#)

[Printing a Network Status Sheet](#)

[Changing or Updating Network Connections](#)

Wi-Fi Infrastructure Mode Setup

You can set up your product to communicate with your computer using a wireless router or access point. The wireless router or access point can be connected to your computer over a wireless or wired network.



- 1 Epson product
- 2 Wireless router or access point

- 3 Computer with a wireless interface
- 4 Computer
- 5 Internet
- 6 Ethernet cable (used only for wired connection to the wireless router or access point)

[Selecting Wireless Network Settings From the Control Panel](#)

Parent topic: [Wi-Fi or Wired Networking](#)

Selecting Wireless Network Settings From the Control Panel

You can select or change wireless network settings using your product control panel.

To install your product on a wireless network, follow the instructions on the *Start Here* sheet and install the necessary software. The installer program guides you through network setup.

Note: Breakdown or repair of this product may cause loss of network data and settings. Epson is not responsible for backing up or recovering data and settings during or after the warranty period. We recommend that you make your own backup or print out your network data and settings.

1. Press the up or down arrow buttons, select **Wi-Fi Setup**, and press the **OK** button.

You see this screen:



2. Select **Wi-Fi Setup Wizard** and press the **OK** button.

Note: If you need to disable the wireless network to set up your product on an Ethernet network, press the down arrow button, select **Disable Wi-Fi**, and press the **OK** button. Then follow the instructions on changing to a wired network connection in this guide.


3. Select the name of your wireless network and press the **OK** button.


Note: To enter the wireless network name manually, select **Other Networks** and press the **OK** button. Use the printer's buttons to enter your network name.

4. Enter your wireless password using the control panel buttons.



Note: The network name and password are case sensitive. Be sure to correctly enter uppercase and lowercase letters, and numeric or special characters.

- To enter letters or symbols, press the up or down arrow buttons to scroll through characters, and press the right arrow button to select one.
 - To enter numbers or change the case of letters, press the  **Stop** button.
 - To delete the previous character, press the left arrow button.
 - To enter a space, press the right arrow button.
5. Press the **OK** button when you're finished entering your password.
 6. Confirm the displayed network settings and press the **OK** button to save them.

Note: If you need to change a setting, press the  **Back** button.

7. If you want to print a network setup report, press the down arrow button, select **Print connection report**, and press the **OK** button. (Otherwise, press the **OK** button.)

If the network connection is successful, the Wi-Fi icon () appears in the upper-right corner of the LCD screen.

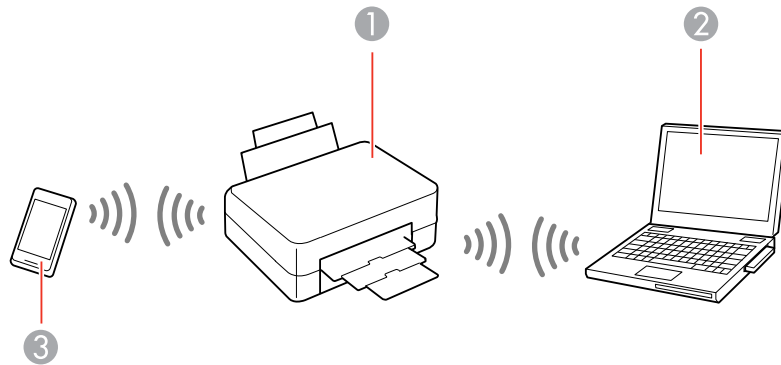
Parent topic: [Wi-Fi Infrastructure Mode Setup](#)

Related tasks

[Entering Characters on the LCD Screen](#)

Wi-Fi Direct Mode Setup

You can set up your product to communicate directly with your computer or another device without requiring a wireless router or access point.



- 1 Epson product
- 2 Computer with a wireless interface
- 3 Other wireless device

Your product automatically selects one of these modes to communicate with your computer or device:

Access point mode

If your product is not already connected to a wireless network, it enters access point mode and the product itself acts as the network access point for up to 4 devices. When operating in this mode, your product displays an **AP** connection symbol on the LCD screen.

Peer-to-peer mode

If your product is already connected to a wireless network, it enters peer-to-peer mode and disconnects from any other networks. This also disables any other product features requiring access to the Internet. When operating in this mode, your product displays a **Direct** or **D** connection symbol on the LCD screen.

Note: To disconnect a peer-to-peer mode connection, release the connection to your product from your computer or other device. Your product will reconnect to the previously used network.

Enabling Wi-Fi Direct Mode

Parent topic: [Wi-Fi or Wired Networking](#)

Enabling Wi-Fi Direct Mode

You can enable Wi-Fi Direct mode to allow direct communication between your product and a computer or other devices without a wireless router or access point.

Note: You may need to enable the Wi-Fi Direct setting in the **Advanced Settings** menu before you can enable Wi-Fi Direct mode.

1. Press the up or down arrow buttons, select **Wi-Fi Setup**, and press the **OK** button.

You see this screen:



2. Press the down arrow button, select **Wi-Fi Direct Setup**, and press the **OK** button.
3. Press the down arrow button, select **Connection Setup**, and press the **OK** button.
4. Press the down arrow button, select **Change Password**, and press the **OK** button.
5. Press the **OK** button.

Note: If you have already connected devices or computers to your product via Wi-Fi Direct, they will be disconnected when you change the password.

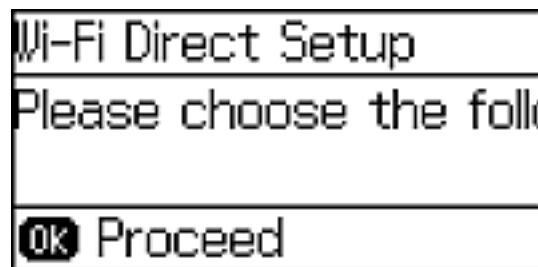
6. Enter a Wi-Fi Direct password using the control panel buttons.

Note: Your password must be at least 8 and no more than 22 characters long.





- To enter letters or symbols, press the up or down arrow buttons to scroll through characters, and press the right arrow button to select one.
 - To enter numbers or change the case of letters, press the **Stop** button.
 - To delete the previous character, press the left arrow button.
 - To enter a space, press the right arrow button.
7. Press the **OK** button when you're finished entering your password.
 8. Press the up arrow button.

You see this screen:



9. Press the **OK** button to view the SSID (Wi-Fi network name) and password.
10. Use your computer or wireless device to select the Wi-Fi network name (SSID) displayed on the LCD screen, and enter the password shown.

11. Press the  **Back** button to return to the Home screen.

You see the  connection symbol on the LCD screen and should be able to print directly to your product from your computer or device.

Note: If the  connection symbol is not displayed on the LCD screen, Wi-Fi Direct mode is not enabled. Repeat these steps to try again.

Parent topic: [Wi-Fi Direct Mode Setup](#)

Related tasks

[Entering Characters on the LCD Screen](#)

Wi-Fi Protected Setup (WPS)

If your network uses a WPS-enabled wireless router or access point, you can quickly connect your product to the network using Wi-Fi Protected Setup (WPS).

Note: To check if your router is WPS-enabled, look for a button labeled **WPS** on your router or access point. If there is no hardware button, there may be a virtual WPS button in the software for the device. Check your network product documentation for details.

[Using WPS to Connect to a Network](#)

Parent topic: [Wi-Fi or Wired Networking](#)

Using WPS to Connect to a Network


If you have a WPS-enabled wireless router or access point, you can use Wi-Fi Protected Setup (WPS) to connect your product to the network.

1. Press the down arrow button, select **Wi-Fi Setup**, and press the **OK** button.

You see this screen:



2. Press the down arrow button, select **Push Button Setup (WPS)**, and press the **OK** button.
3. Follow the instructions on the LCD screen to complete WPS setup.
4. Press the ↵ **Back** button to return to the Home screen.

If the network connection is successful, the Wi-Fi icon () will appear in the upper-right corner of the LCD screen.

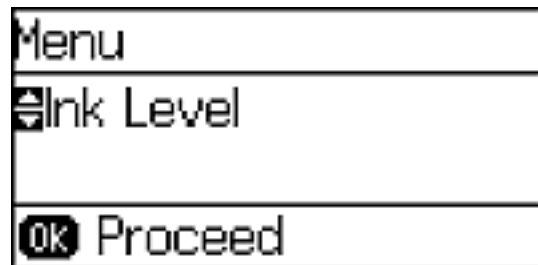
Parent topic: [Wi-Fi Protected Setup \(WPS\)](#)

Printing a Network Status Sheet

You can print a network status sheet to help you determine the causes of any problems you may have using your product on a network.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.

You see this screen:



2. Press the down arrow button, select **Network Status**, and press the **OK** button.
3. Press the down arrow button, select **Wi-Fi/Network Status**, and press the **OK** button.

You see a screen like this:



4. Press the **OK** button to print the network status sheet.
5. Press the up arrow button to begin printing the network status sheet.

Examine the settings shown on the network status sheet to diagnose any problems you have.

Parent topic: [Wi-Fi or Wired Networking](#)

Changing or Updating Network Connections

See these sections to change or update how your product connects to a network.

[Accessing the Web Config Utility](#)

[Changing a USB Connection to a Wi-Fi Connection](#)

[Changing a Wi-Fi Connection to a Wired Network Connection](#)

[Connecting to a New Wi-Fi Router](#)

[Disabling Wi-Fi Features](#)

Parent topic: [Wi-Fi or Wired Networking](#)

Accessing the Web Config Utility

You can select your product's network settings and confirm its operating status using a web browser. You do this by accessing your product's built-in Web Config utility from a computer or other device that is connected to the same network as your product.

Note: For more information on the Web Config utility, see the [Administrator's Guide](#).

1. Print a network status sheet.
2. Locate the IP address for your product that is listed on the network status sheet.
3. On a computer or other device connected to the same network as your product, open a web browser.
4. Enter your product's IP address into the address bar.
You see the available Web Config utility options.

Parent topic: [Changing or Updating Network Connections](#)

Related tasks

[Printing a Network Status Sheet](#)

Changing a USB Connection to a Wi-Fi Connection

If you have already connected your product to your computer using a USB connection, you can change to a Wi-Fi connection.

1. Disconnect the USB cable from your product.
2. Uninstall your product software.
3. Download and install your product software from the Epson website using the instructions on the *Start Here* sheet.

Parent topic: [Changing or Updating Network Connections](#)

Related concepts

[Uninstall Your Product Software](#)

Changing a Wi-Fi Connection to a Wired Network Connection

If you have already connected your product to your computer wirelessly, you can change to a wired network connection if necessary.

1. Disable your product's Wi-Fi features.
2. Connect one end of an Ethernet network cable to the product's **LAN** port.
3. Connect the other end to any available LAN port on your router or access point.
4. Uninstall your product software.
5. Download and install your product software from the Epson website.
6. Follow the on-screen instructions to install the software.
7. When you see the Select Your Connection screen, select **Wired network connection**.

8. If you see a Select Setup Option screen, select **Set up printer for the first time**.
9. Continue following the rest of the on-screen instructions.

Parent topic: [Changing or Updating Network Connections](#)

Related tasks

[Disabling Wi-Fi Features](#)

Connecting to a New Wi-Fi Router

If you change the wireless router you have been using on your network, you need to update your product's Wi-Fi connection to the new router.

Note: If you switch to a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. See your router documentation for instructions.

1. Do one of the following:
 - **Windows:** Uninstall your product software.
 - **OS X:** Go to the next step.
2. Download and install your product software from the Epson website using the instructions on the *Start Here* sheet.

Parent topic: [Changing or Updating Network Connections](#)

Related concepts

[Uninstall Your Product Software](#)

Disabling Wi-Fi Features

You may need to disable your product's Wi-Fi features if you change your network connection type or need to solve a problem with your network connection.

Note: Before disabling Wi-Fi features, make a note of your product's SSID (network name) and password, and any network settings selected for the Epson Connect services you may use.

1. Press the down arrow button, select **Wi-Fi Setup**, and press the **OK** button.

You see this screen:



2. Press the down arrow button, select **Disable Wi-Fi**, and press the **OK** button.
3. Press the up arrow button to disable Wi-Fi.
4. Press the **OK** button when complete.

Parent topic: [Changing or Updating Network Connections](#)

Enabling Epson Universal Print Driver (PCL) or PostScript Printing

Before enabling Epson Universal Print Driver (PCL) or PostScript printing on your product, make sure you have installed the software as described on the *Start Here* sheet.

[Installing the Epson Universal Print Driver - Windows](#)

[Installing the PostScript \(PS3\) Printer Software - Windows](#)

[Installing the PostScript \(PS3\) Printer Software - OS X](#)

[Selecting PDL \(Page Description Language\) Settings](#)

[Selecting Printer Language and Interface Settings](#)

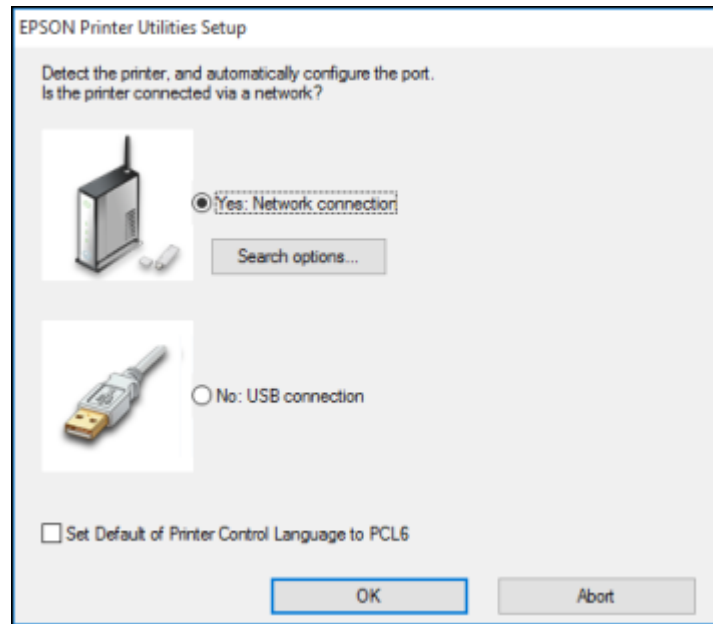
Installing the Epson Universal Print Driver - Windows

The Epson Universal Print Driver supports multiple printer languages, such as PCL and ESC/P-R, and can be installed on a Windows computer.

Note: Make sure your product is turned on and connected to the same network as your computer before installing the printer software. Depending on your model, not all printer languages may be supported.

1. Download the **EPSON Universal Print Driver** from epson.com/support/wfm5194downloads.
2. Double-click the downloaded package.

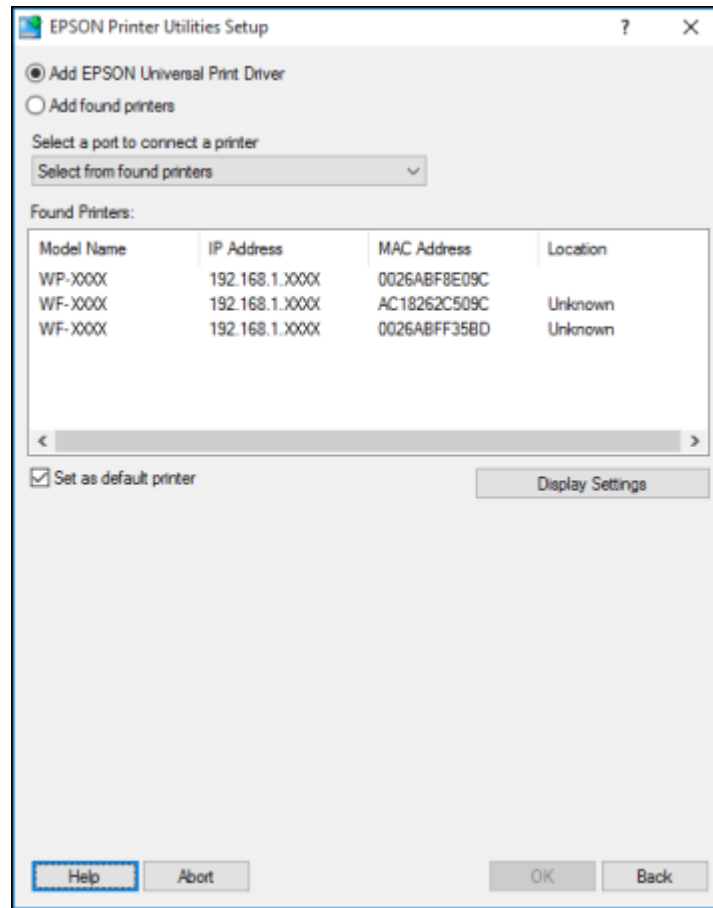
3. Follow the on-screen instructions until you see this screen:



4. Select **Yes: Network connection** and click **OK**.

Note: Select the **Set Default of Printer Control Language to PCL6** checkbox if you want to set the default printer language to PCL6. Leave this option deselected to set the printer language to ESC/P-R. (You can change this setting later as needed.)

After the software finishes searching for products, you see a screen like this:



5. Do one of the following:

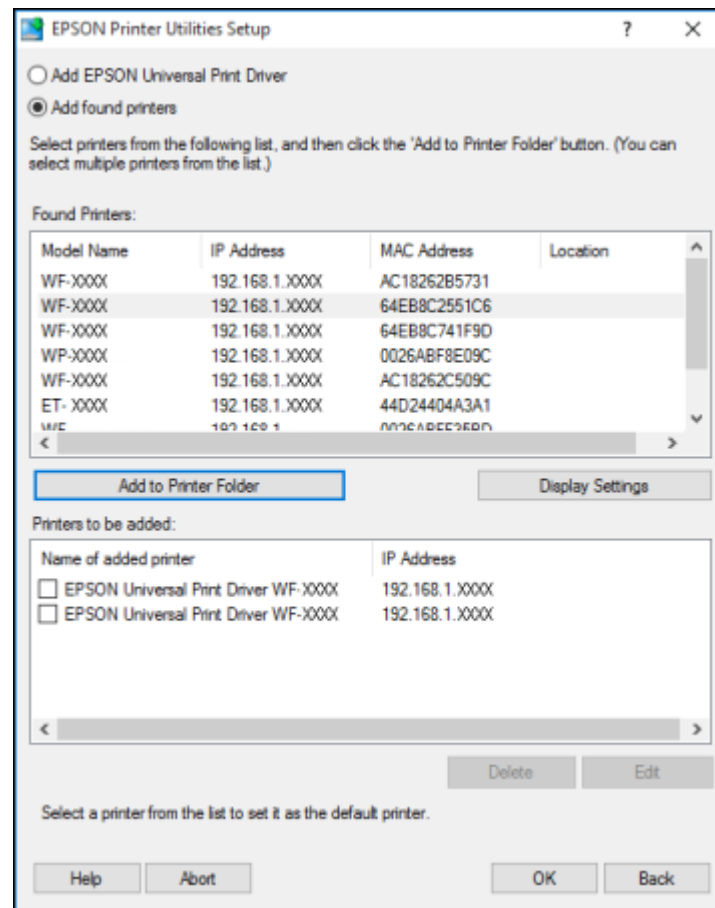
- If you are installing one product, make sure **Add EPSON Universal Print Driver** is selected and continue with the next step.
- If you are installing more than one product, select **Add found printers** and go to step 9.

Note: You can customize and filter your product search results by clicking **Display Settings**.

6. Open the **Select a port to connect a printer** menu and select an existing printer port, if necessary. Otherwise, skip this option to create a new port automatically.
7. Select the product you want to install from the Found Printers list.

Note: Deselect the **Set as default printer** checkbox if you do not want the product to be set as your default printer.

8. Click **OK**, then skip the remaining steps.
9. If you are installing more than one product, select the products from the Found Printers list and click **Add to Printer Folder**.



The selected products appear in the lower section of the screen.

10. Select the checkbox next to the product you want to make your default printer, if necessary.
11. Click **OK**.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Installing the PostScript (PS3) Printer Software - Windows

If you did not install the standard Epson printer software, you need to install the PostScript (PS3) printer software before you can adjust the print settings and print to your network printer.

Note: Make sure your product is turned on and connected to the same network as your computer before installing the printer software.

1. Download the **Drivers and Utilities Combo Package - PS3 PostScript** from epson.com/support/wfm5194downloads.
2. Double-click the downloaded package.
3. Click **OK**.
4. Click **Accept**.
5. Click **Install**.
6. Click **Next** and follow the on-screen instructions.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Installing the PostScript (PS3) Printer Software - OS X

If you did not install the standard Epson printer software, you need to install the PostScript (PS3) printer software before you can adjust the print settings and print to your network printer.

Note: Make sure your product is turned on and connected to the same network as your computer before installing the printer software.

1. Download the **Drivers and Utilities Combo Package - PS3 PostScript** from epson.com/support/wfm5194downloads.
2. Double-click the downloaded package.
3. Double-click **EPSON**.
4. Click **Continue** on the next two screens.

5. Click **Agree**.
6. Click **Install**.
7. If necessary, enter the administrator password.
8. Click **Start** and follow the on-screen instructions.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

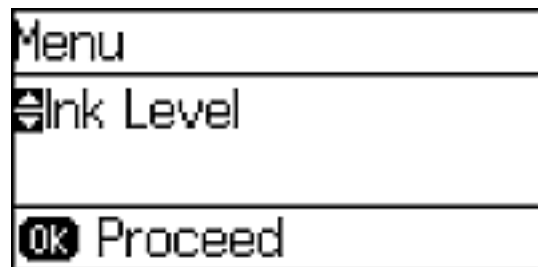
Selecting PDL (Page Description Language) Settings

You can select settings for PCL and PostScript printing using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

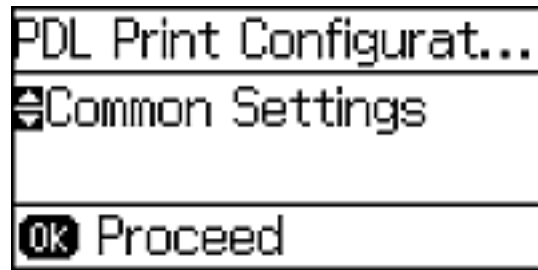
1. Press the arrow buttons to select **Menu** and press the **OK** button.

You see a screen like this:



2. Select **System Administration** and press the **OK** button. Enter the administrator password, if necessary.
3. Select **Universal Print Settings** and press the **OK** button.
4. Select **PDL Print Configuration** and press the **OK** button.

You see a screen like this:



5. Select an option, then select the settings you want to use.

[PDL Print Configuration Options](#)

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

PDL Print Configuration Options

Select the **PDL Print Configuration** options you want to use for PCL or PostScript printing.

PDL Print Configuration option	Available settings	Description
Common Settings		
Paper Size	Various sizes	Sets the default paper size for PCL or PostScript printing.
Paper Type	Various paper types	Sets the default paper type for PCL or PostScript printing.
Orientation	Portrait	Sets the default orientation for PCL or PostScript printing.
	Landscape	
Quality	Draft	Sets the quality for PCL or PostScript printing.
	Standard	
	Best	
Ink Save Mode	On/Off	Saves ink by reducing print density.

PDL Print Configuration option	Available settings	Description
Print Order	Last Page on Top	Starts printing from the first page of a file.
	First Page on Top	Starts printing from the last page of a file.
Number of Copies	1 to 999	Selects the number of copies to print.
Binding Margin	Left Edge	Specifies the binding edge for double-sided documents.
	Top Edge	
Auto Paper Ejection	On/Off	Ejects paper automatically when printing is stopped during a print job.
2-Sided Printing	On/Off	Selects duplex printing.
PCL Menu		
Font Source	Resident	Uses a font preinstalled on the printer.
	Download	Uses a font you have downloaded.
Font Number	1 to 111	Selects the default font number for the default font source.
Pitch	0.44 to 99.99 cpi	Selects the default font pitch if the font is scalable and fixed-pitch (availability depends on font source and number settings).
Height	4.00 to 999.75 pt	Selects the default font height if the font is scalable and proportional (availability depends on font source and number settings).
Symbol Set	Various	Selects the default symbol set. If the selected font is not available for the selected symbol set, the font source and number are replaced with IBM-US (the default setting).
Form	5 to 128 lines	Sets the number of lines for the selected paper size and orientation. Changes the line spacing (VMI) stored in the printer. Later changes in page size or orientation cause changes in the Form value based on the stored VMI.

PDL Print Configuration option	Available settings	Description
CR Function	CR	Selects the line feed command when printing with a driver from a specific operating system.
	CR+LF	
LF Function	LF	
	CR+LF	
Paper Source Assign	4	Makes the paper source select command compatible with HP LaserJet 4
	4K	Makes the paper source select command compatible with HP LaserJet 4000, 5000, and 8000
	5S	Makes the paper source select command compatible with HP LaserJet 5S
PS3 Menu		
Error Sheet	On/Off	Prints a sheet showing the status when errors occur during PostScript or PDF printing.
Binary	On/Off	Enable when printing files that contain binary images (available when the product is connected to the network). Allows you to print binary images even if the driver is set to ASCII.
PDF Page Size	Various sizes	Selects the paper size when printing a PDF file. If Auto is selected, the paper size is determined based on the size of the first page.

Parent topic: [Selecting PDL \(Page Description Language\) Settings](#)

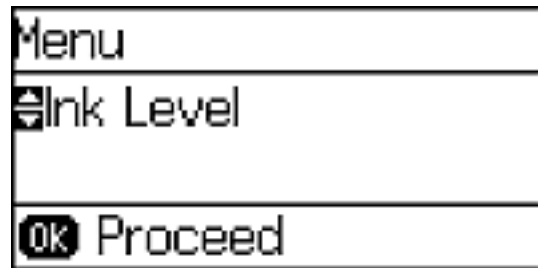
Selecting Printer Language and Interface Settings

You can select printer language and interface settings using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

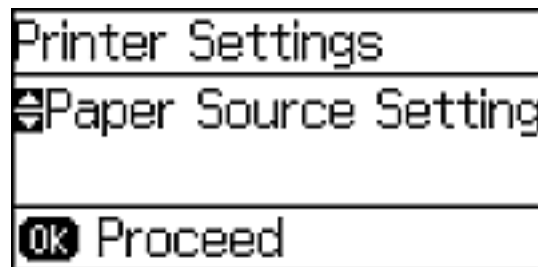
1. Press the arrow buttons to select **Menu** and press the **OK** button.

You see a screen like this:



2. Select **System Administration** and press the **OK** button. Enter the administrator password, if necessary.
3. Select **Printer Settings**.

You see a screen like this:



4. Select the **Printing Language** and other settings you want to use.

[Printer Language and Interface Options](#)

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Printer Language and Interface Options

Select the settings you want to use.

Printer Settings option	Available settings	Description
USB I/F Timeout Setting	0.5 to 300 seconds	Specify the length of time before ending USB communication from a computer using the PCL or PostScript driver. This setting is necessary to avoid endless USB communication.
Printing Language	Auto	Select the language for the USB or network interface.
	PCL	
	PS3	
	PDF	
PC Connection via USB	Enable	Select whether to allow USB communication with the product.
	Disable	

Parent topic: [Selecting Printer Language and Interface Settings](#)

Loading Paper

Before you print, load paper for the type of printing you will do.

Note: Load only plain paper when printing with the PCL or PostScript (PS3) printer software.

[Loading Paper for Documents in the Cassette](#)

[Loading Paper or Envelopes in the Rear Paper Feed Slot](#)

[Paper Loading Capacity](#)

[Available Epson Papers](#)

[Selecting the Paper Settings for Each Source - Control Panel](#)

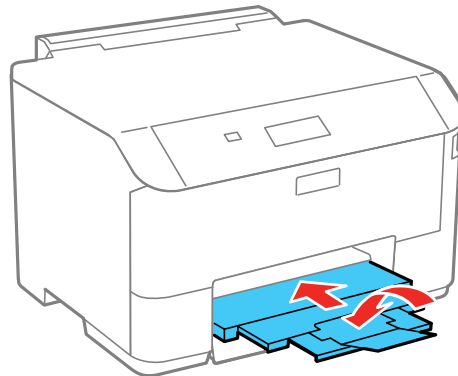
[Selecting Default Paper Settings - Administrator](#)

[Installing and Enabling the Optional Second Paper Cassette](#)

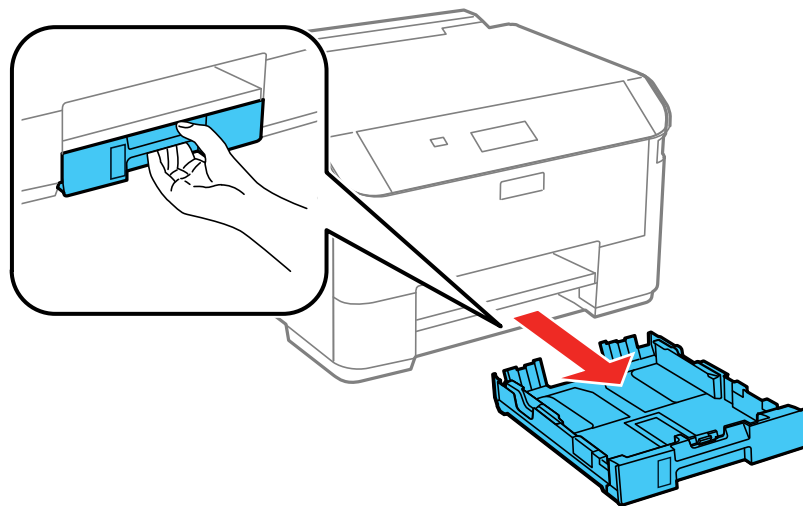
Loading Paper for Documents in the Cassette

You can print documents on a variety of paper types and sizes.

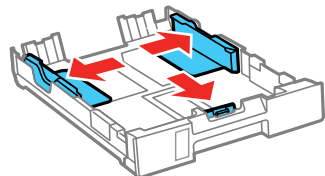
1. Close the paper stopper and output tray, if necessary.



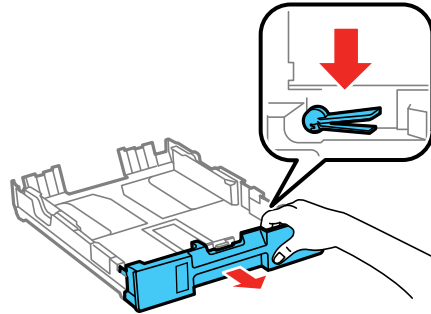
2. Pull out the paper cassette.



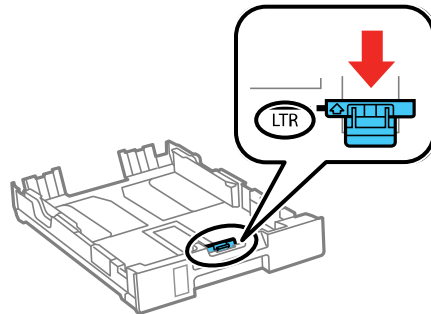
3. Slide the edge guides outward.



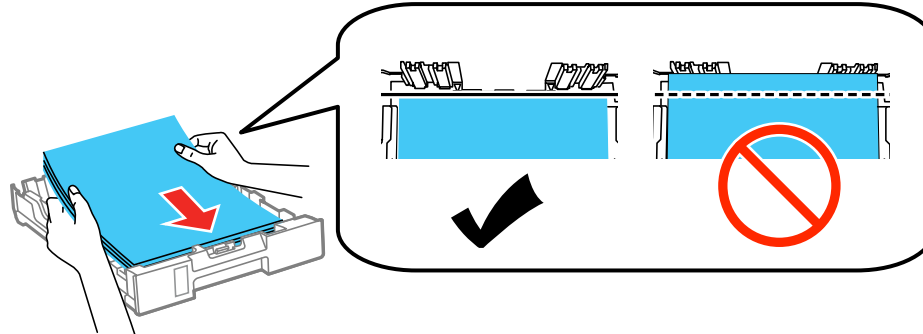
Note: If you are using legal-size paper or larger, squeeze the tab and extend the paper cassette.



4. Slide the edge guide to your paper size.

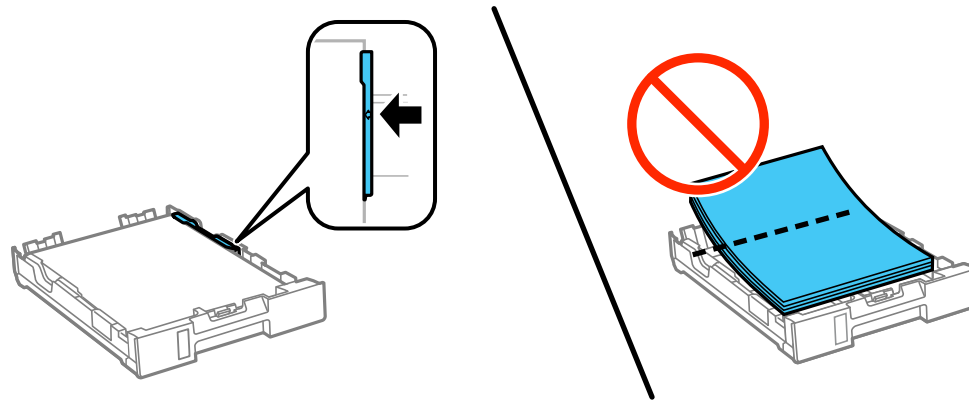


5. Load a stack of paper, printable side down, against the edge guide as shown.



Note: Make sure the paper is loaded against the edge guide and not sticking out from the end of the cassette.

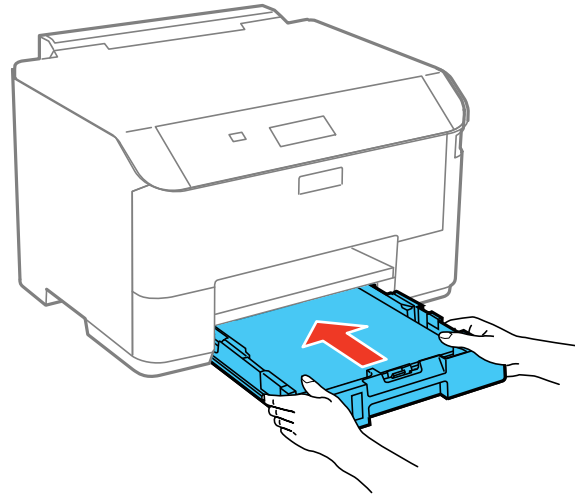
6. Slide the edge guides against the paper, but not too tightly.



Note: Make sure the paper fits beneath the top edges of the guides.

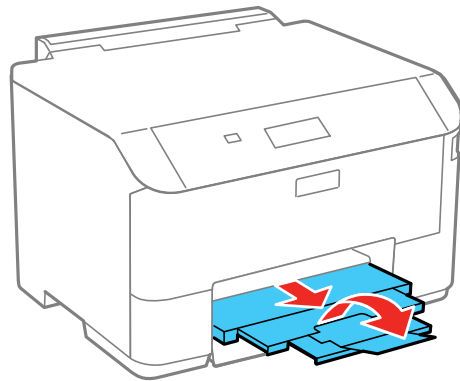
Caution: To prevent paper feeding problems, make sure you do not load too much paper in the cassette.

7. Gently insert the paper cassette.



Note: The paper may slide forward slightly as you insert the cassette. This is normal.

8. When prompted by the product's LCD screen, select the size and type of the paper you just loaded and press the **OK** button.
9. Extend the output tray and open the paper stopper.



Note: If you are using legal-size or longer paper, do not open the paper stopper. Do not remove or insert the paper cassette during printing.

Always follow these paper loading guidelines:

- Load only the recommended number of sheets.
- Load paper short edge first, no matter which way your document faces.
- Load the printable side facedown.
- Load letterhead or pre-printed paper top edge first.
- Do not load paper above the arrow mark inside the edge guide.
- Check the paper package for any additional loading instructions.

Parent topic: [Loading Paper](#)

Related references

[Paper Loading Capacity](#)

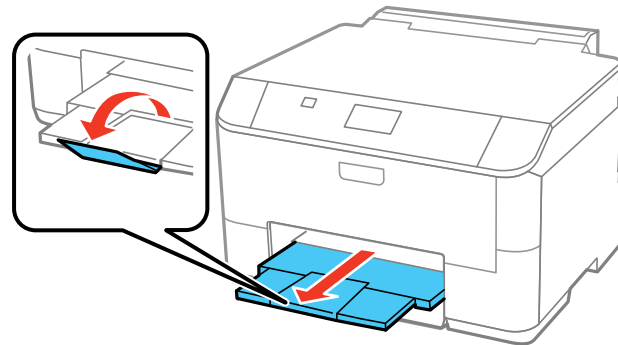
Related tasks

[Loading Paper or Envelopes in the Rear Paper Feed Slot](#)

Loading Paper or Envelopes in the Rear Paper Feed Slot

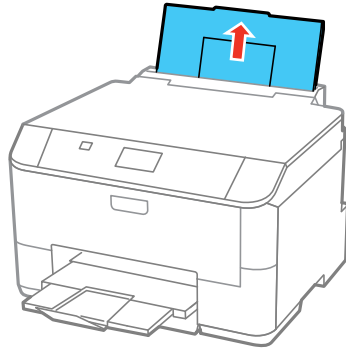
You can print envelopes or documents in a variety of paper types and sizes in the rear paper feed slot.

1. Extend the output tray and open the paper stopper.

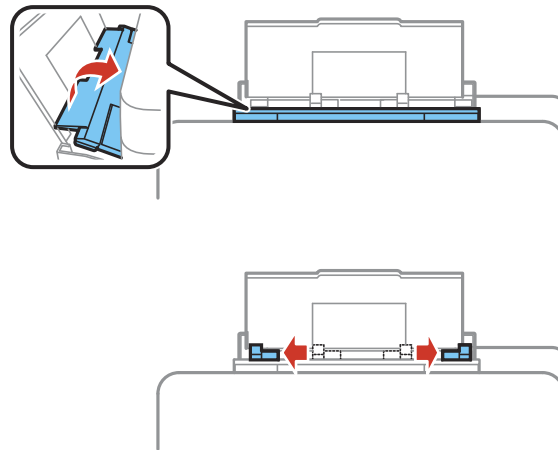


Note: If you are using legal-size or longer paper, do not open the paper stopper.

2. Pull up the paper support for the rear paper feed slot.



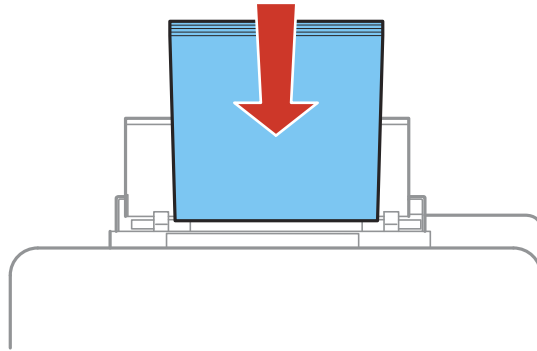
3. Flip the feeder guard forward, then slide the edge guides outward.



4. If you are inserting a stack of paper, fan the sheets first and tap the stack on a flat surface to even the edges.

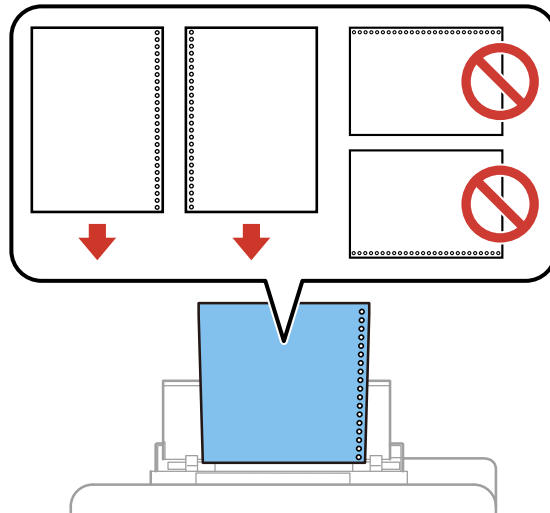
5. Do one of the following:

- Insert paper, printable side up and short edge first, in the center of the tray.

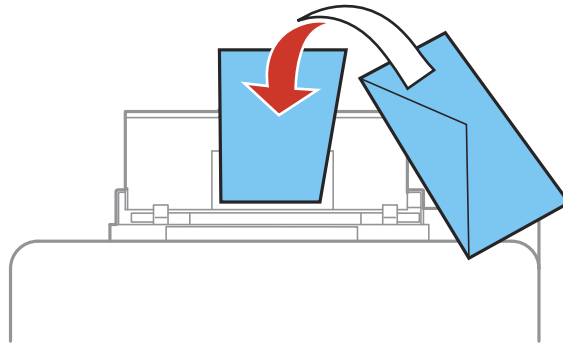


Caution: To prevent paper feeding problems, make sure you do not load too much paper in the slot.

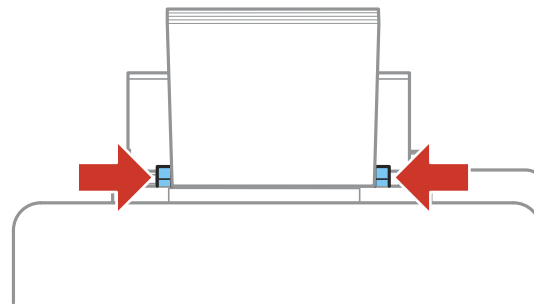
Note: You can load one sheet of binder paper with holes on one of the long edges as shown. Do not select automatic 2-sided printing for this type of paper.



- Load up to 10 envelopes short edge first, with the flap facing down and the flap edge to the left, in the center of the slot.



6. Slide the edge guides against the paper or envelope, but not too tightly.



7. Select the size and type of paper you just loaded in the **Paper Setup** menu.

Always follow these paper loading guidelines:

- Load only the recommended number of sheets.
- Load paper short edge first, no matter which way your document faces.
- Load the printable side faceup.
- Load letterhead or pre-printed paper top edge first.
- Do not load paper above the arrow mark inside the edge guides.

- If you have trouble loading a stack of envelopes, press each envelope flat before loading it or load one envelope at a time.
- If print quality declines when printing multiple envelopes, try loading one envelope at a time.
- Do not load envelopes that are curled, folded, or too thin.
- Check the paper package for any additional loading instructions.

Parent topic: [Loading Paper](#)

Related references

[Paper Loading Capacity](#)

Related tasks

[Loading Paper for Documents in the Cassette](#)

Paper Loading Capacity

Paper type	Loading capacity - paper cassette	Loading capacity - rear paper feed slot
Plain paper Copy paper Letterhead Recycled paper	250 sheets Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm])	80 sheets
Color paper Preprinted paper	250 sheets Legal (8.5 × 14 inches [216 × 356 mm])	1 sheet
Epson Bright White Paper	200 sheets	50 sheets 20 sheets for manual two-sided printing
Epson Presentation Paper Matte	—	80 sheets

Paper type	Loading capacity - paper cassette	Loading capacity - rear paper feed slot
Thick paper (cardstock up to 68 lb [256 g/m ²])	—	10 sheets Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]) 5 sheets for manual two-sided printing
	—	1 sheet Legal (8.5 × 14 inches [216 × 356 mm])
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided Epson Ultra Premium Presentation Paper Matte Epson Brochure & Flyer Paper Matte Double-sided	—	20 sheets
Envelopes	—	10 envelopes

Parent topic: [Loading Paper](#)

Available Epson Papers

You can purchase genuine Epson ink and paper at epson.com/ink3 (U.S. sales) or epson.ca (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766).


Paper Type	Size	Part number	Sheet count
Epson Bright White Paper	Letter (8.5 × 11 inches [216 × 279 mm])	S041586	500

Paper Type	Size	Part number	Sheet count
Epson Brochure & Flyer Paper Matte Double-sided	Letter (8.5 × 11 inches [216 × 279 mm])	S042384	150
Epson Presentation Paper Matte	Letter (8.5 × 11 inches [216 × 279 mm])	S041062	100
	Legal (8.5 × 14 inches [216 × 356 mm])	S041067	100
Epson Premium Presentation Paper Matte	8 × 10 inches (203 × 254 mm)	S041467	50
	Letter (8.5 × 11 inches [216 × 279 mm])	S041257 S042180	50 100
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 inches [216 × 279 mm])	S041568	50
Epson Ultra Premium Presentation Paper Matte	Letter (8.5 × 11 inches [216 × 279 mm])	S041341	50

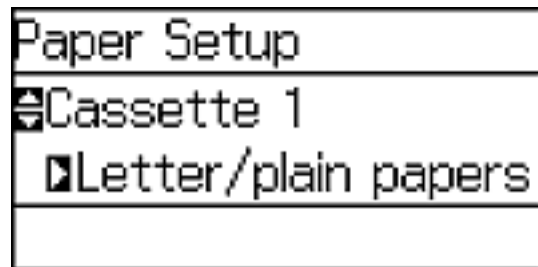
Parent topic: [Loading Paper](#)

Selecting the Paper Settings for Each Source - Control Panel

You can change the default paper size and paper type for each source using the control panel on the product.

1. Press the  **Paper Setup** button.
2. Select the paper source you want to change and press the **OK** button.

You see a screen like this:



3. Select the paper size you loaded and press the **OK** button.
4. Select the paper type you loaded and press the **OK** button.
5. Select another paper source to change or press the ↵ **Back** button to return to the Home screen.

[Paper Type Settings - Control Panel](#)

[Paper or Media Type Settings - Printing Software](#)

Parent topic: [Loading Paper](#)

Paper Type Settings - Control Panel

For this paper	Select this Paper Type setting
Plain paper Epson Bright White Paper Epson Presentation Paper Matte	Plain Paper
Letterhead paper	Letterhead
Recycled paper	Recycled
Color paper	Color
Preprinted paper	Preprinted
Envelopes	Envelope
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided Epson Ultra Premium Presentation Paper Matte Epson Brochure & Flyer Paper Matte Double-sided	Prem. Matte
Thick paper (cardstock up to 68 lb [256 g/m ²])	Card Stock

Parent topic: [Selecting the Paper Settings for Each Source - Control Panel](#)

Paper or Media Type Settings - Printing Software

For this paper	Select this paper Type or Media Type setting
Plain paper Epson Bright White Paper	Plain Paper / Bright White Paper
Letterhead paper	Letterhead
Recycled paper	Recycled
Color paper	Color
Preprinted paper	Preprinted
Envelopes	Envelope
Epson Presentation Paper Matte Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided Epson Brochure & Flyer Paper Matte Double-sided Epson Ultra Premium Presentation Paper Matte	Premium Presentation Paper Matte
Cardstock up to 68 lb (256 g/m ²)	Card Stock

Note: The settings listed here are available only when printing from your computer; they do not apply to your product's control panel settings.

Parent topic: [Selecting the Paper Settings for Each Source - Control Panel](#)

Selecting Default Paper Settings - Administrator

As an administrator, you can adjust default paper settings that apply to all print jobs sent to the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

[Selecting the Paper Source Settings - Administrator](#)

[Selecting Universal Print Settings](#)

Parent topic: [Loading Paper](#)

Selecting the Paper Source Settings - Administrator

You can change default paper source settings using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

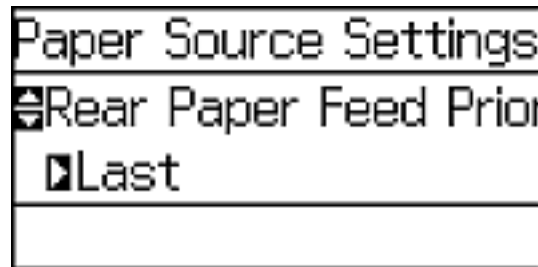
1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the down arrow button, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.

You see this screen:



3. Select **Printer Settings** and press the **OK** button.
4. Select **Paper Source Settings** and press the **OK** button.

You see a screen like this:



5. Select the paper source options you want to use.
6. When you are finished, press the ↵ **Back** button to return to the Home screen.

Paper Source Settings Options

Parent topic: [Selecting Default Paper Settings - Administrator](#)

Paper Source Settings Options

Select the **Paper Source Settings** options you want to use for your print jobs.

Paper Source Settings option	Available settings	Description
Rear Paper Feed Priority	Normal	Select Normal to give printing priority to paper loaded in the rear paper feed slot.
	Last	
A4/Letter Auto Switching	On	Select On to switch the selected paper size to match the loaded paper (Letter or A4) if the wrong size is selected.
	Off	
Auto Select Settings	Cassette 1	Select On for either of these settings to automatically print on paper from any source containing paper that matches your paper settings.
	Rear Paper Feed	
Error Notice	Paper Size Notice	Select On for either of these settings to display an error message when the selected paper type or size does not match the loaded paper.
	Paper Type Notice	

Parent topic: [Selecting the Paper Source Settings - Administrator](#)

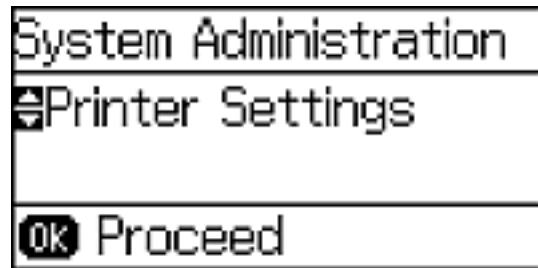
Selecting Universal Print Settings

You can change the default universal print settings using the product control panel.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

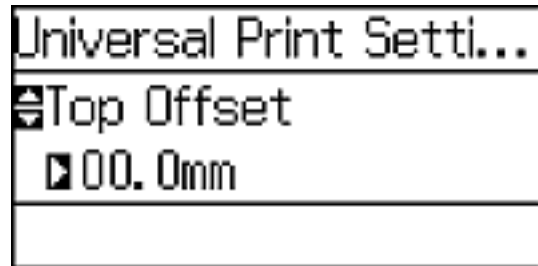
1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the down arrow button, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.

You see this screen:



3. Press the down arrow button, select **Universal Print Settings**, and press the **OK** button.

You see this screen:



4. Adjust the settings as necessary.
5. When you are finished, press the ↵ **Back** button to return to the Home screen.

[Universal Print Settings Options](#)

Parent topic: [Selecting Default Paper Settings - Administrator](#)

Universal Print Settings Options

Select the universal print settings you want to use.

Universal Print Settings option	Available settings	Description
Top Offset	—	Adjust the top or left margin.
Left Offset		

Universal Print Settings option	Available settings	Description
Top Offset in Back	—	Adjust the top or left margin of the back page when performing double-sided printing.
Left Offset in Back		
Check Paper Width	On	Select On to check the paper width before printing. This prevents printing beyond the edges of the paper when the paper size settings are wrong, but may reduce the printing speed.
	Off	
Dry Time	Standard	Select the drying time when printing double-sided.
	Long	
	Longer	
Skip Blank Page	On	Select On to skip blank pages automatically.
	Off	
PDL Configuration	Common Settings	Selects the settings for printing with PCL and PostScript Page Description Language drivers.
	PCL Menu	
	PS3 Menu	

Parent topic: [Selecting Universal Print Settings](#)

Installing and Enabling the Optional Second Paper Cassette

Follow these instructions to add the optional paper cassette to your product.

[Installing the Optional Second Paper Cassette](#)

[Enabling the Optional Paper Cassette - Windows](#)

[Enabling the Optional Paper Cassette - OS X](#)

Parent topic: [Loading Paper](#)

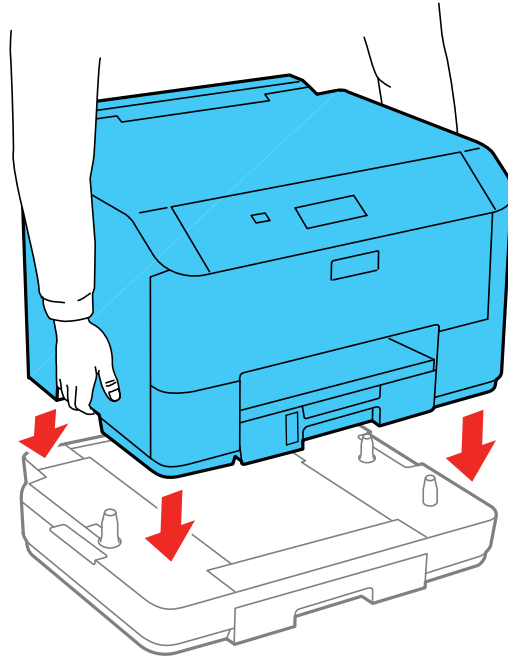
Installing the Optional Second Paper Cassette

You can install the optional paper cassette to provide more paper capacity.

1. Turn off the product and unplug the power cord and any connected cables.

Warning: To avoid electric shock, make sure you unplug the power cord.

2. Remove the paper cassette from its carton and place it where you want to set up the product.
3. Carefully lift the product as shown, then gently lower it onto the paper cassette. Make sure the connectors and pins align correctly.



4. Reconnect the power cord and other connection cables, and plug in the product.
5. Turn on the product.




Parent topic: [Installing and Enabling the Optional Second Paper Cassette](#)

Enabling the Optional Paper Cassette - Windows

You need to enable the optional paper cassette unit before you can use it with the printer software.

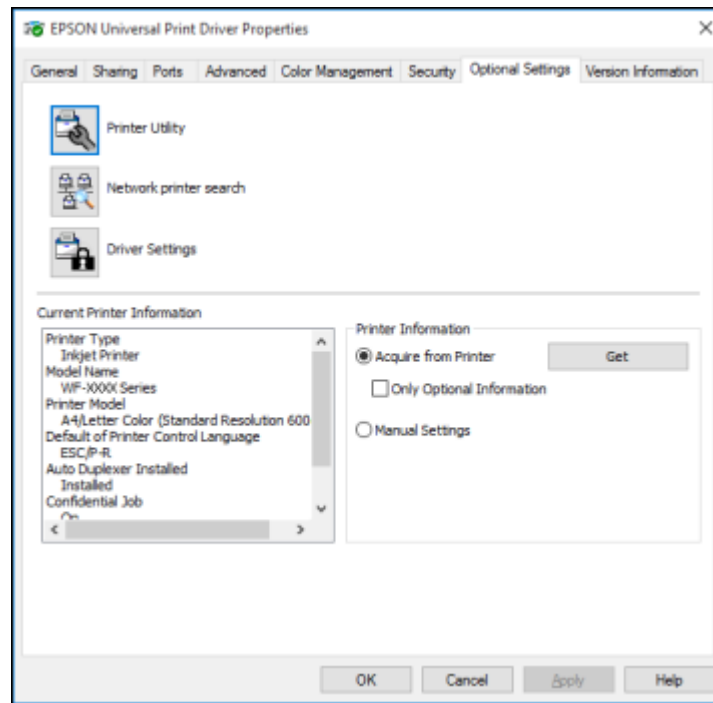
Note: If you are using the Epson Universal Print Driver or PostScript (PS3) printer software, see the sections covering that software in this manual to enable the optional cassette unit.

1. Do one of the following:

- **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click your printer name and select **Printer properties**.
- **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click your printer name and select **Properties**.
- **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click your product name and select **Properties**.

2. Click the **Optional Settings** tab.

You see a window like this:



3. Make sure **Acquire from Printer** is selected, then click **Get**.

The optional paper sources are listed in the Current Printer Information section.

4. Click **OK**.

The optional paper cassette is now enabled.

Parent topic: [Installing and Enabling the Optional Second Paper Cassette](#)

Related tasks

[Synchronizing Printer Settings - Epson Universal Print Driver - Windows](#)

[Enabling the Optional Paper Cassette - PostScript Printer Software - Windows](#)

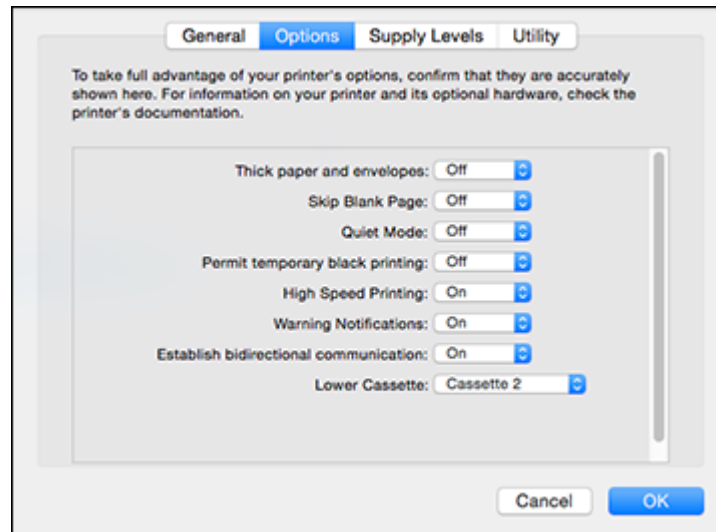
Enabling the Optional Paper Cassette - OS X

You need to enable the optional paper cassette unit before you can use it with the printer software.

Note: If you are using the PostScript (PS3) printer software, see the section covering that software to enable the optional cassette unit.

1. In the Apple menu or the Dock, select **System Preferences**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select the optional cassette unit installed for the **Lower Cassette** setting.
5. Click **OK**.

The optional paper cassette is now enabled.

Parent topic: [Installing and Enabling the Optional Second Paper Cassette](#)

Related tasks

[Enabling the Optional Paper Cassette - PostScript Printer Software - OS X](#)

Printing from a Computer

Before printing from your computer, make sure you have set up your product and installed its software as described on the *Start Here* sheet.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website. If you see a Software Update screen, select **Enable automatic checking** and click **OK**. The update scans your system to see if you have the latest product software. Follow the on-screen instructions.

[Printing with Windows](#)

[Printing with OS X](#)

[Printing with the Epson Universal Print Driver - Windows](#)

[Printing with the PostScript \(PS3\) Printer Software - Windows](#)

[Printing with the PostScript \(PS3\) Printer Software - OS X](#)

[Cancelling Printing Using a Product Button](#)

Printing with Windows

You can print with your product using any Windows application, as described in these sections.

[Selecting Basic Print Settings - Windows](#)

[Selecting Double-sided Printing Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting a Printing Preset - Windows](#)

[Selecting Extended Settings - Windows](#)

[Printing Your Document or Photo - Windows](#)

[Selecting Default Print Settings - Windows](#)

[Changing Automatic Update Options](#)

Parent topic: [Printing from a Computer](#)

Selecting Basic Print Settings - Windows

Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.

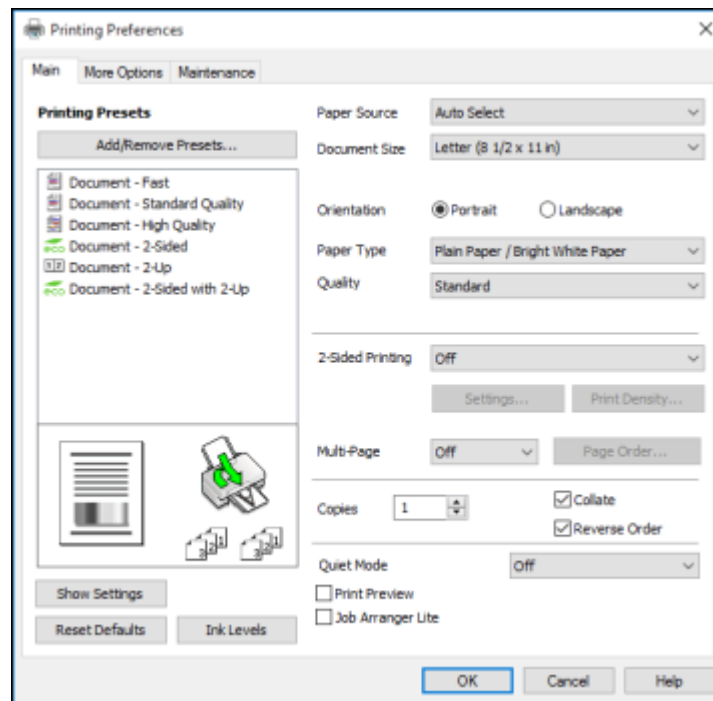
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select your product name as the printer you want to use.

Note: You may also need to select **Properties** or **Preferences** to view your print settings.

You see the Main tab of your printer settings window:



4. For the **Paper Source** setting, select where you loaded the paper you want to print on.
5. Select the size of the paper you loaded as the **Document Size** setting.

Note: You can also select the **User-Defined** setting to create a custom paper size.

6. Select the orientation of your document.

Note: If you are printing an envelope, select **Landscape**.

7. Select the type of paper you loaded as the **Paper Type** setting.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

8. Select the **Quality** setting that matches the print quality you want to use.
9. To print on both sides of the paper, select the **2-Sided Printing** setting and select the options you want.
10. To print multiple pages on one sheet of paper, or print one image on multiple sheets of paper, select one of the settings in the **Multi-Page** menu and select the printing options you want.
11. To print multiple copies and arrange their print order, select the **Copies** options.
12. To preview your job before printing, select **Print Preview**.
13. To save your print job as a project that can be modified and combined with other print jobs, select **Job Arranger Lite**.
14. To reduce noise during printing when you select **Plain Paper/Bright White Paper**, select **On** in the Quiet Mode menu.

[Paper Source Options - Windows](#)

[Print Quality Options - Windows](#)

[Multi-Page Printing Options - Windows](#)

Parent topic: [Printing with Windows](#)

Related references

[Paper Type Settings - Control Panel](#)

Related tasks

[Selecting Double-sided Printing Settings - Windows](#)

[Printing Your Document or Photo - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

Paper Source Options - Windows

You can select any of the available options in the Paper Source menu to print on the paper loaded in that source.

Auto Select

Automatically selects the paper source based on the selected paper size.

Paper Cassette 1

Selects the paper in cassette 1 as the paper source.

Paper Cassette 2

Selects the paper in cassette 2 as the paper source.

Rear Paper Feed Slot

Selects the paper in the rear feed slot as the paper source.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Print Quality Options - Windows

You can select any of the available Quality options to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type and border setting you have chosen.

Draft

For draft printing on plain paper.

Standard

For everyday text and image printing.

High

For photos and graphics with high print quality.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Multi-Page Printing Options - Windows

You can select any of the available options in the Multi-Page menu to set up your multi-page print job.

2-Up and 4-Up

Prints 2 or 4 pages on one sheet of paper. Click the **Page Order** button to select page layout and border options.

2×1 Poster, 2×2 Poster, 3×3 Poster, 4×4 Poster

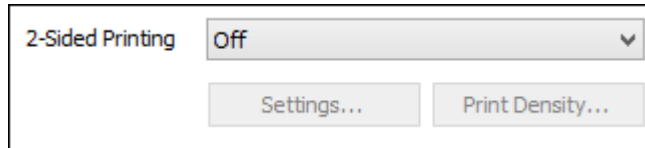
Prints one image on multiple sheets of paper to create a larger poster. Click the **Settings** button to select image layout and guideline options.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Selecting Double-sided Printing Settings - Windows

You can print on both sides of the paper by selecting one of the **2-Sided Printing** options on the Main tab.

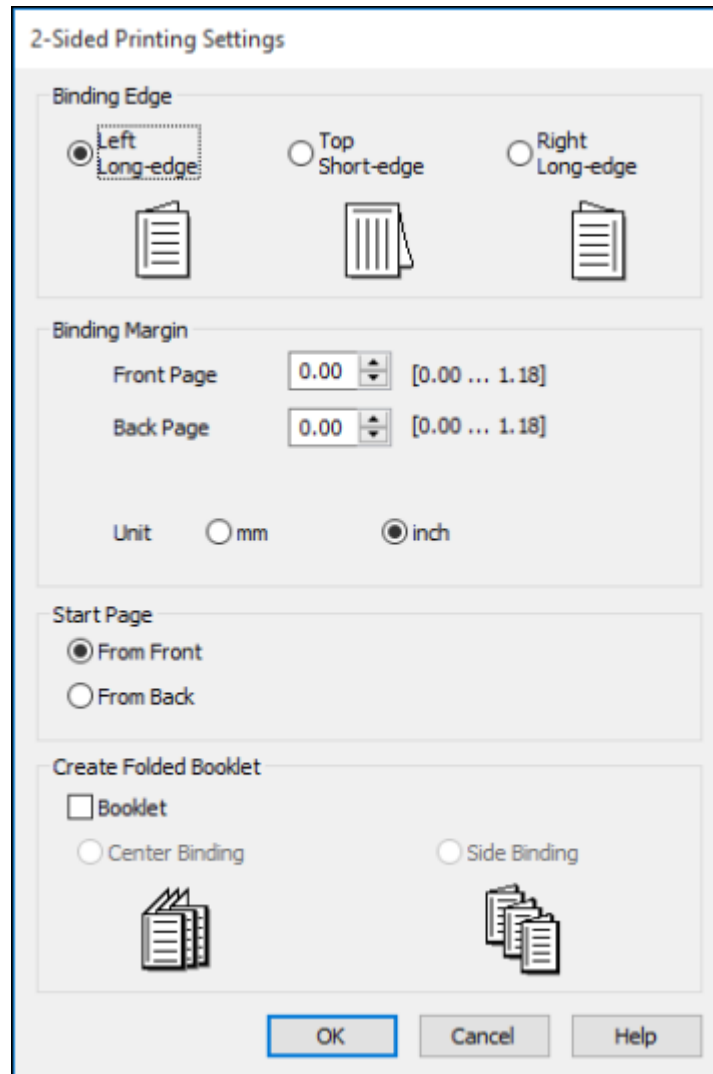
Note: Some options may be pre-selected or unavailable, depending on other settings you have chosen or if you are accessing the product over a network.

A screenshot of a software interface for 2-Sided Printing. It features a label '2-Sided Printing' on the left. To its right is a dropdown menu currently set to 'Off'. Below the dropdown are two buttons: 'Settings...' and 'Print Density...'.

2-Sided Printing	Off
	Settings... Print Density...

1. Select one of the following options for **2-Sided Printing**:
 - **Auto (Long-edge binding)** to print your double-sided print job by automatically flipping the paper on the long edge.
 - **Auto (Short-edge binding)** to print your double-sided print job by automatically flipping the paper on the short edge.
2. Click the **Settings** button.

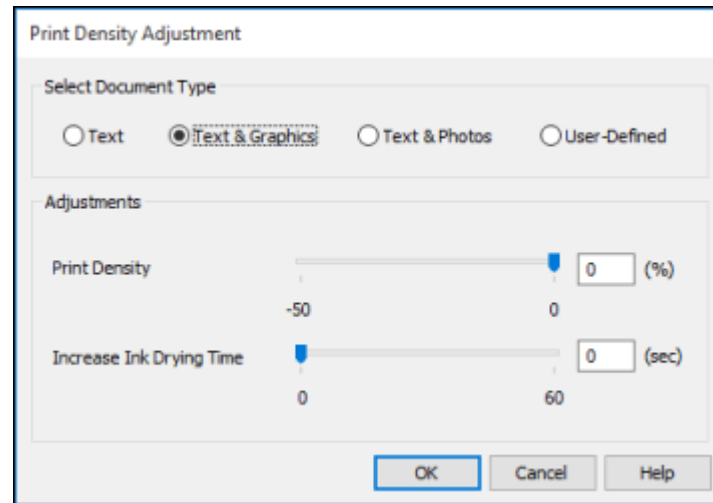
You see this window:



3. Select the double-sided printing options you want to use.
4. Click **OK** to return to the Main tab.

5. Click the **Print Density** button.

You see this window:



6. Select the type of document you are printing as the Document Type setting. The software automatically sets the **Adjustments** options for that document type.
7. If necessary, select the **Adjustments** options you want to use.
8. Click **OK** to return to the Main tab.
9. Print a test copy of your double-sided document to test the selected settings.
10. Follow any instructions displayed on the screen during printing.

[Double-sided Printing Options - Windows](#)

[Print Density Adjustments - Windows](#)

Parent topic: [Printing with Windows](#)

Double-sided Printing Options - Windows

You can select any of the available options on the 2-Sided Printing Settings window to set up your double-sided print job.

Binding Edge Options

Select a setting that orients double-sided print binding in the desired direction.

Binding Margin Options

Select options that define a wider margin to allow for binding.

Start Page

Selects whether printing starts on the front or back page.

Create Folded Booklet Options

Select the **Booklet** checkbox and a binding option to print double-sided pages as a booklet.

Parent topic: [Selecting Double-sided Printing Settings - Windows](#)

Print Density Adjustments - Windows

You can select any of the available options on the Print Density Adjustment window to adjust the print quality of your double-sided print job.

Print Density

Sets the level of ink coverage for double-sided printing.

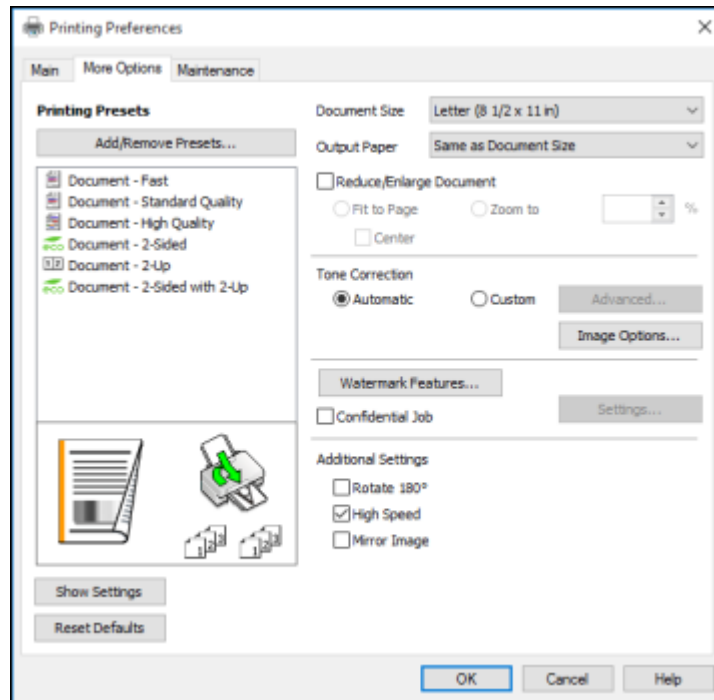
Increase Ink Drying Time

Sets the amount of time required for drying ink after printing on one side of the paper before printing the other side in double-sided printing to prevent ink smearing.

Parent topic: [Selecting Double-sided Printing Settings - Windows](#)

Selecting Additional Layout and Print Options - Windows

You can select a variety of additional layout and printing options for your document or photo on the More Options tab.



1. To change the size of your printed document or photo, select the **Reduce/Enlarge Document** checkbox and select one of these sizing options:
 - Select the **Fit to Page** option to size your image to fit the paper you loaded. Select the size of your document or photo as the **Document Size** setting, and the size of your paper as the **Output Paper** setting. If you want to center your image on the paper, select the **Center** option.
 - Select the **Zoom to** option to reduce or enlarge your document or photo by a specific percentage. Select the percentage in the % menu.
2. To add the following features, click the **Watermark Features** button:
 - **Anti-Copy Pattern**: adds a watermark that only appears when your printout is copied
 - **Watermark**: adds a visible watermark to your printout

Note: Click the **Add/Delete** button to create your own watermark, and click the **Settings** button to customize the watermark.

- **Header/Footer:** adds information such as the date and time to the top or bottom of your printout

Note: Click the **Settings** button to customize the text and location of the header or footer.

3. To add a password to your print job, select the **Confidential Job** checkbox, then enter a password. Confidential jobs are stored in the product's memory without being printed. To print the job, enter the password for the confidential job on the product's control panel.

Note: Confidential print jobs are cleared from the product's memory after printing.

4. Select any of the Additional Settings options to customize your print.

[Image Options and Additional Settings - Windows](#)

[Header/Footer Settings - Windows](#)

Parent topic: [Printing with Windows](#)

Related tasks

[Selecting Double-sided Printing Settings - Windows](#)

[Printing Your Document or Photo - Windows](#)

Image Options and Additional Settings - Windows

You can select any of the Image Options and Additional Settings to customize your print. Some options may be pre-selected or unavailable, depending on other settings you have chosen.

Image Options

Emphasize Text

Adjusts the weight of printed text to increase readability.

Emphasize Thin Lines

Adjusts the weight of printed lines to increase visibility.

Edge Smoothing

Smooths jagged edges in low-resolution images such as screen captures or images from the Web.

Additional Settings Options

Rotate 180°

Prints the image rotated 180° from its original orientation.

High Speed

Speeds up printing but may reduce print quality.

Mirror Image

Flips the printed image left to right.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

Header/Footer Settings - Windows

You can select any of the Header/Footer Settings options to add headers or footers when you print. The items are available to print at the top or bottom of your pages, in either the left, right, or center of the page.

Note: These settings are not saved with your document.

Top Left	Top Center	Top Right
User Name	None	Date/Time
Bottom Left	Bottom Center	Bottom Right
None	None	None

Reset Defaults OK Cancel Help

You can select to print the following information:

- User Name
- Computer Name
- Date
- Date/Time
- Collate Number (copy number)

Note: The user name, computer name, date, and time come from the Windows Control Panel on your computer.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

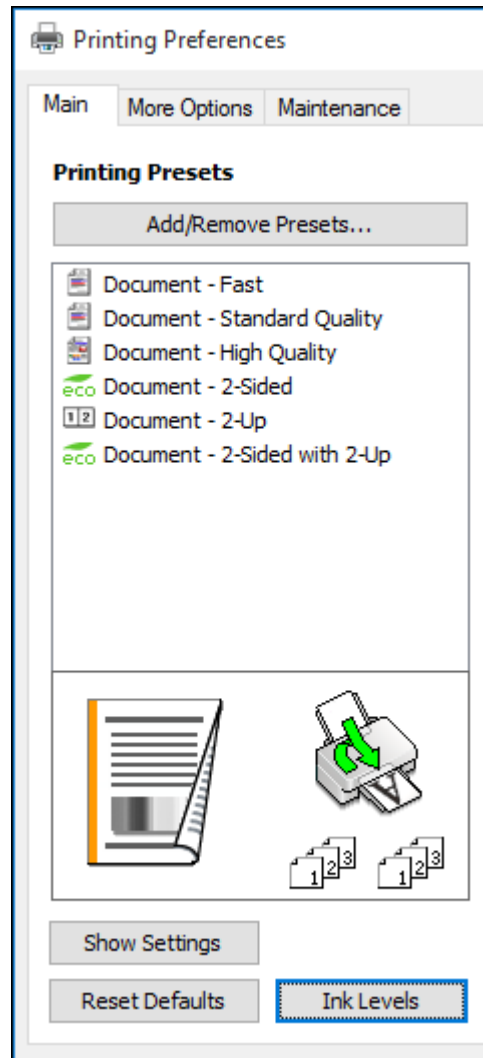
Selecting a Printing Preset - Windows

For quick access to common groups of print settings, you can select a printing preset on the Main or More Options tab.

Note: You can create your own preset by clicking the **Add/Remove Presets** button.

1. Click the **Main** or **More Options** tab.

You see the available **Printing Presets** on the left:



2. Place your cursor over one of the **Printing Presets** to view its list of settings.
3. Click on a preset to change its settings, or use any of the available options on the screen to control your printing presets.

4. To choose a preset for printing, select it.
5. Click **OK**.

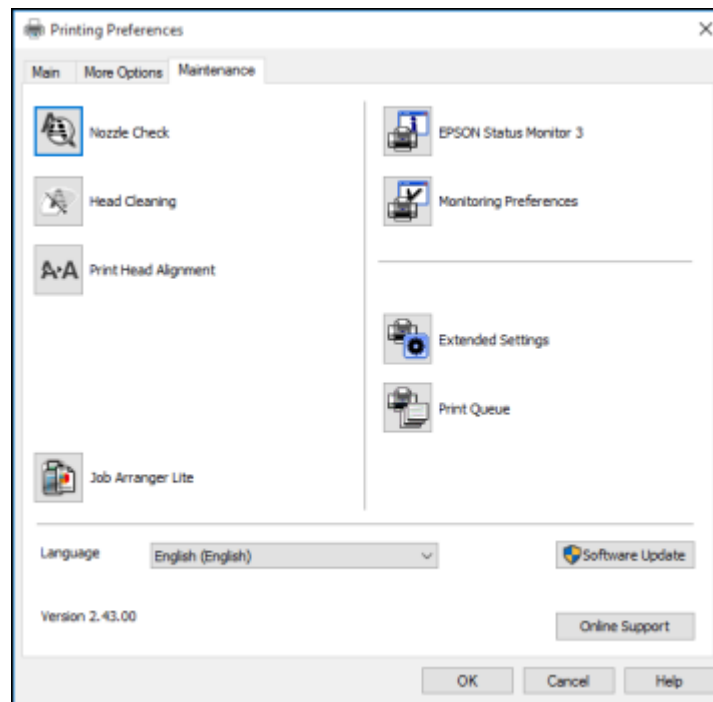
Parent topic: [Printing with Windows](#)

Selecting Extended Settings - Windows

You can select additional settings that apply to all the print jobs you send to your product.

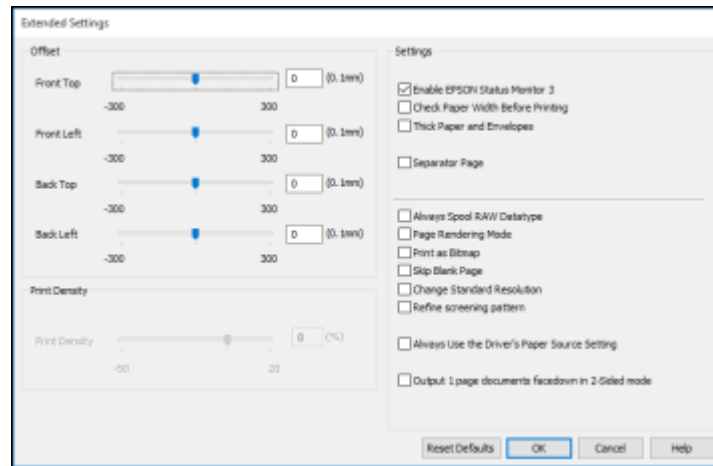
1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.

You see the maintenance options:



4. Click the **Extended Settings** button.

You see this window:



5. Select any of the extended settings to customize your print.
6. Click **OK** to close the Extended Settings window.
7. Click **OK** to close the printer software window.

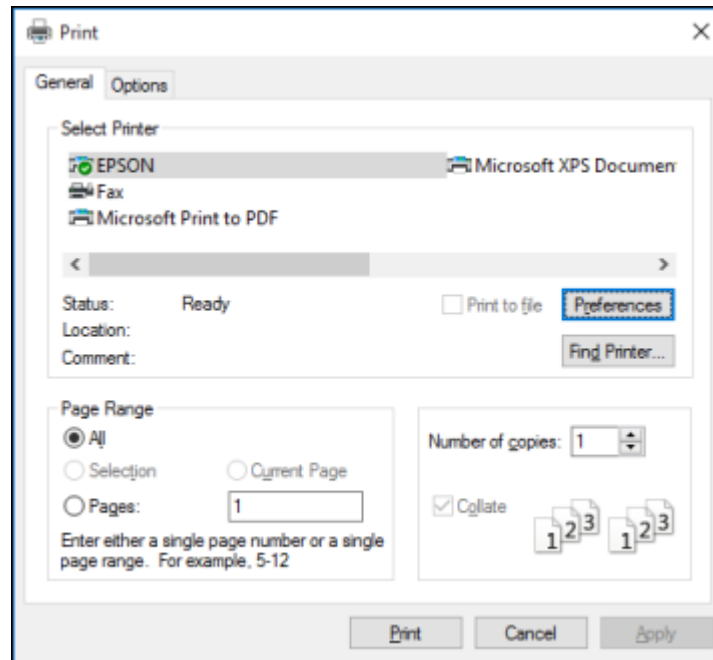
Parent topic: [Printing with Windows](#)

Printing Your Document or Photo - Windows

Once you have selected your print settings, you are ready to save your settings and print.

1. Click **OK** to save your settings.

You see your application's Print window, such as this one:



2. Click **OK** or **Print** to start printing.

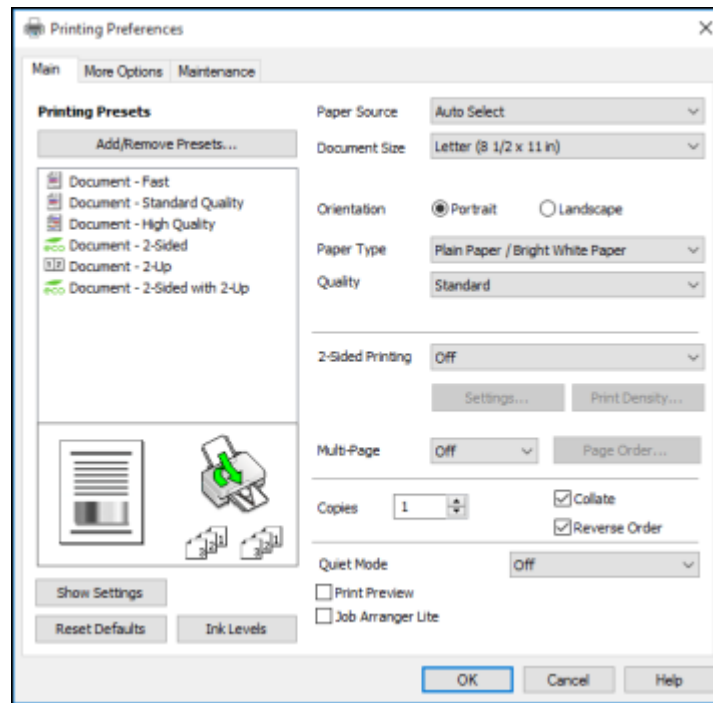
Parent topic: [Printing with Windows](#)

Selecting Default Print Settings - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.

You see the printer settings window:



3. Select the print settings you want to use as defaults in all your Windows programs.
4. Click **OK**.

These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

[Changing the Language of the Printer Software Screens](#)

Parent topic: [Printing with Windows](#)

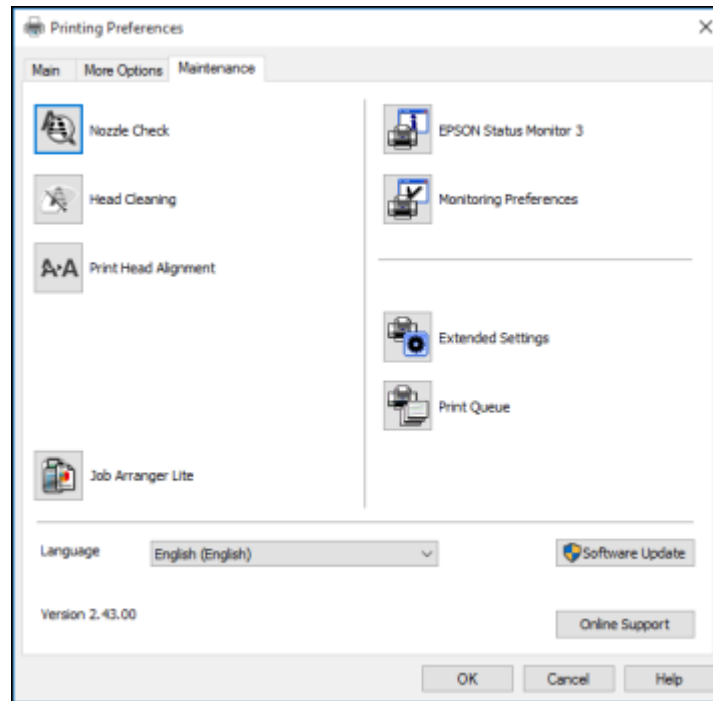
Changing the Language of the Printer Software Screens

You can change the language used on the Windows printer software screens.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.

You see the printer settings window.

3. Click the **Maintenance** tab.
You see the maintenance options:



4. Select the language you want to use as the **Language** setting.
5. Click **OK** to close the printer software window.

The printer software screens appear in the language you selected the next time you access them.

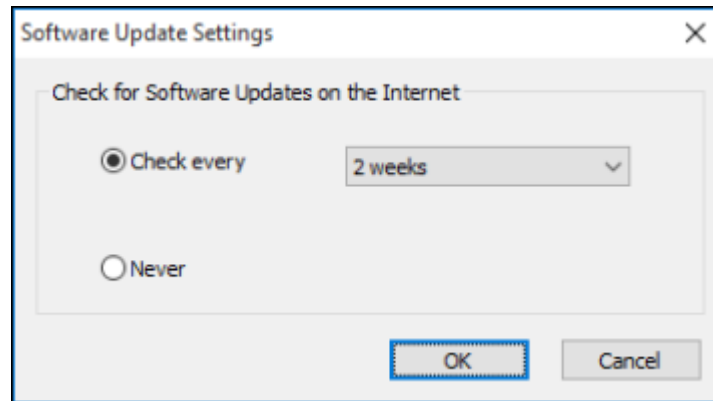
Parent topic: [Selecting Default Print Settings - Windows](#)

Changing Automatic Update Options

Your printer software for Windows automatically checks for updates to the product software. You can change how often the software checks for updates or disable this feature.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Software Update Settings**.

You see this window:



3. Do one of the following:
 - To change how often the software checks for updates, select a setting in the **Check every** menu.
 - To disable the automatic update feature, select the **Never** option.
4. Click **OK** to exit.

Note: If you choose to disable the automatic update feature, you can check for updates manually.

Parent topic: [Printing with Windows](#)

Related tasks

[Checking for Software Updates](#)

Printing with OS X

You can print with your product using any OS X printing program, as described in these sections.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website.

[Selecting Basic Print Settings - OS X](#)

[Selecting Page Setup Settings - OS X](#)

[Selecting Print Layout Options - OS X](#)

[Selecting Double-sided Printing Settings - OS X](#)

[Managing Color - OS X](#)

[Selecting Printing Preferences - OS X](#)

[Printing Your Document or Photo - OS X](#)

Parent topic: [Printing from a Computer](#)

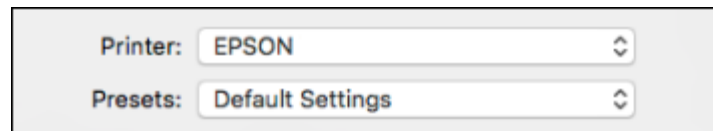
Selecting Basic Print Settings - OS X

Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

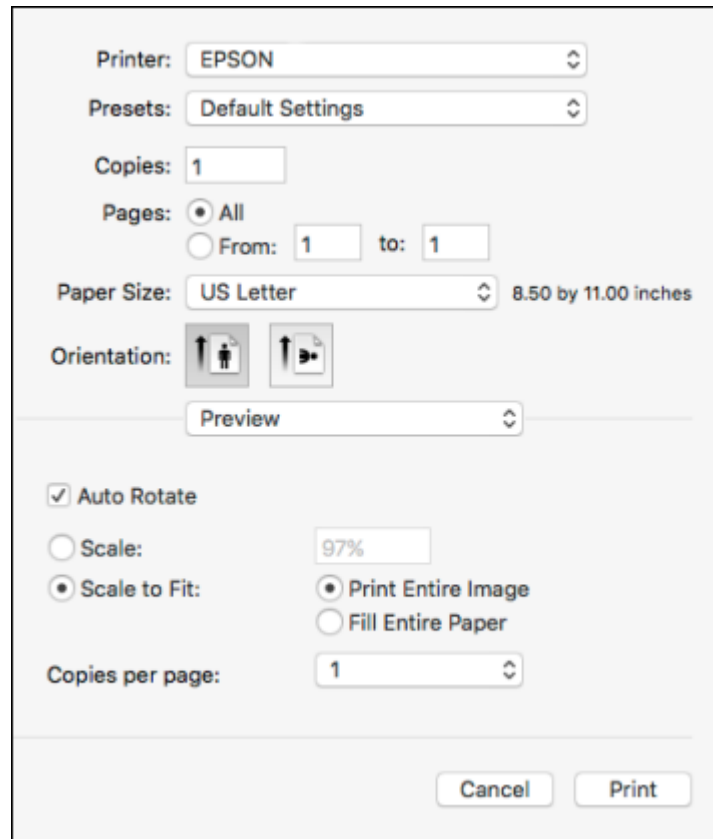
Note: You may need to select a print icon on your screen, the **Print** option in the File menu, or another command. See your application's help utility for details.

3. Select your product as the **Printer** setting.



4. If necessary, click the arrow next to the Printer setting or the **Show Details** button to expand the print window.

You see the expanded printer settings window for your product:



Note: The print window may look different, depending on the version of OS X and the application you are using.

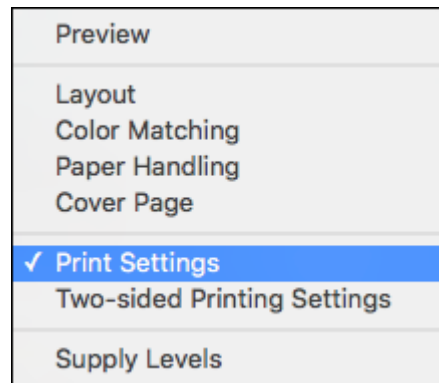
5. Select the **Copies** and **Pages** settings as necessary.

Note: If you do not see these settings in the print window, check for them in your application before printing.

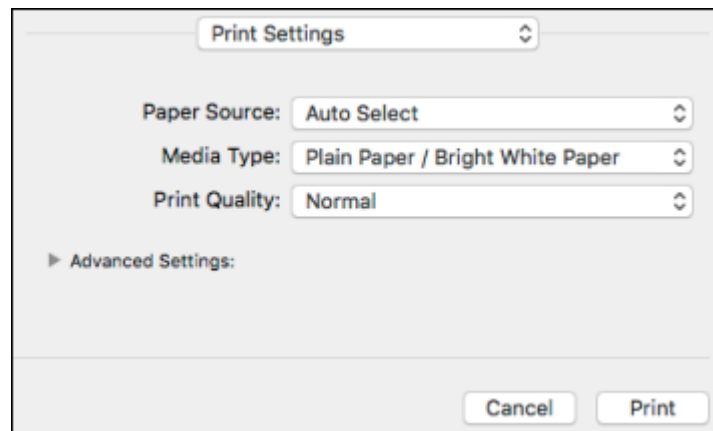
6. Select the page setup options: **Paper Size** and **Orientation**.

Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

7. Select any application-specific settings that appear on the screen, such as those shown in the image above for the Preview application.
8. Select **Print Settings** from the pop-up menu.



You see these settings:



9. Select the **Paper Source** you wish to print from.
10. Select the type of paper you loaded as the **Media Type** setting.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

11. Select the **Print Quality** setting you want to use.
12. Select any of the available print options.

[Paper Source Options - OS X](#)

[Print Quality Options - OS X](#)

Parent topic: [Printing with OS X](#)

Related references

[Paper Type Settings - Control Panel](#)

Related tasks

[Selecting Page Setup Settings - OS X](#)

[Selecting Print Layout Options - OS X](#)

[Selecting Double-sided Printing Settings - OS X](#)

Paper Source Options - OS X

You can select any of the available options in the Paper Source menu to print on the paper loaded in that source.

Auto Select

Automatically selects the paper source based on the selected paper size.

Cassette 1

Selects the paper in cassette 1 as the paper source.

Cassette 2

Selects the paper in cassette 2 as the paper source.

Rear Paper Feed Slot

Selects the paper in the rear feed slot as the paper source.

Parent topic: [Selecting Basic Print Settings - OS X](#)

Print Quality Options - OS X

You can select any of the available Print Quality options to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type setting you have chosen.

Draft

For draft printing on plain paper.

Normal

For everyday text and image printing.

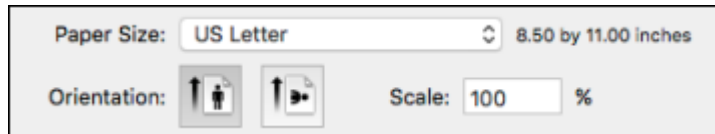
Quality

For text and graphics with increased quality and print speed.

Parent topic: [Selecting Basic Print Settings - OS X](#)


Selecting Page Setup Settings - OS X

Depending on your application, you may be able to select the paper size and orientation settings from the print window.



Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

1. Select the size of the paper you loaded as the **Paper Size** setting.
2. Select the orientation of your document or photo as shown in the print window.

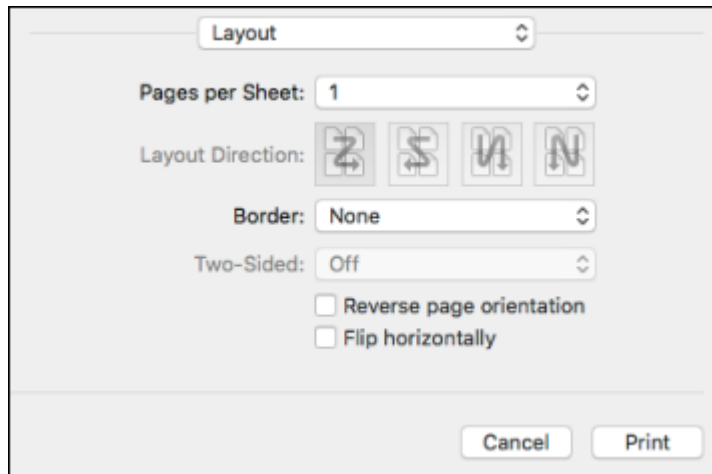
Note: If you are printing an envelope, select the  icon.

Note: You can reduce or enlarge the size of the printed image by selecting **Paper Handling** from the pop-up menu and selecting a scaling option.

Parent topic: [Printing with OS X](#)

Selecting Print Layout Options - OS X

You can select a variety of layout options for your document or photo by selecting **Layout** from the pop-up menu on the print window.

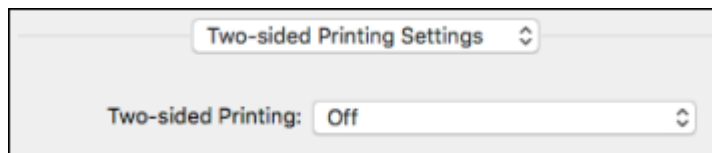


- To print multiple pages on one sheet of paper, select the number of pages in the **Pages per Sheet** pop-up menu. To arrange the print order of the pages, select a **Layout Direction** setting.
- To print borders around each page on the sheet, select a line setting from the **Border** pop-up menu.
- To invert or flip the printed image, select the **Reverse page orientation** or **Flip horizontally** settings.

Parent topic: [Printing with OS X](#)

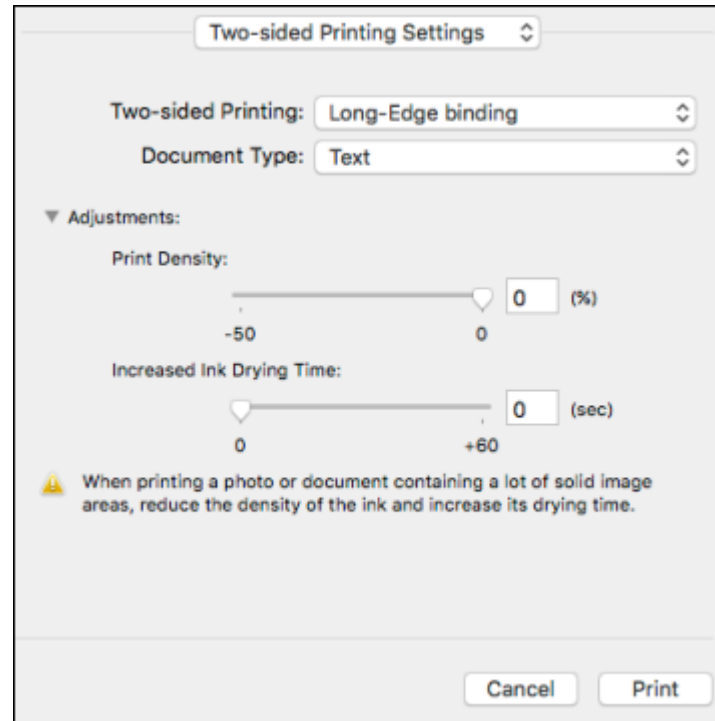
Selecting Double-sided Printing Settings - OS X

You can print on both sides of the paper by selecting **Two-sided Printing Settings** from the pop-up menu on the print window.



Note: Some options may be pre-selected or unavailable, depending on other settings you have chosen or if you are accessing the product over a network. This screen may be different, depending on the version of OS X you are using.

1. Select one of the **Two-sided Printing** options.
2. Select the type of document you are printing as the **Document Type** setting. The software automatically sets the Adjustments options for that document type.



3. If necessary, customize the Adjustments settings as instructed on the screen.
4. Print a test copy of your double-sided document to test the selected settings.
5. Follow any instructions displayed on the screen during printing.

[Double-sided Printing Options and Adjustments - OS X](#)

Parent topic: [Printing with OS X](#)

Double-sided Printing Options and Adjustments - OS X

You can select any of the available options in the **Two-sided Printing Settings** or **Output Settings** pop-up menu to set up your double-sided print job.

Two-sided Printing Options

Long-Edge binding

Orients double-sided printed pages to be bound on the long edge of the paper.

Short-Edge binding

Orients double-sided printed pages to be bound on the short edge of the paper.

Adjustments

Print Density

Sets the level of ink coverage for double-sided printing.

Increased Ink Drying Time

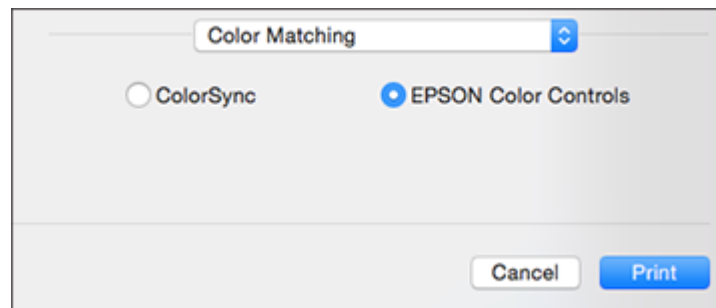
Sets the amount of time required for drying ink after printing on one side of the paper before printing the other side in double-sided printing.

Parent topic: [Selecting Double-sided Printing Settings - OS X](#)

Managing Color - OS X

You can adjust the Color Matching settings to fine-tune the colors in your printout, or turn off color management in your printer software.

1. Select **Color Matching** from the pop-up menu in the print window.



2. Select one of the available options.

[Color Matching Options - OS X](#)

Parent topic: [Printing with OS X](#)

Color Matching Options - OS X

You can select from these settings on the **Color Matching** menu.

ColorSync

Prints using standard color profiles for your product and paper to help match image colors. You can customize the conversion method and filter settings on the ColorSync pop-up menu in the print window.

EPSON Color Controls

Lets you manage color using controls in your printer software or turn off color management.

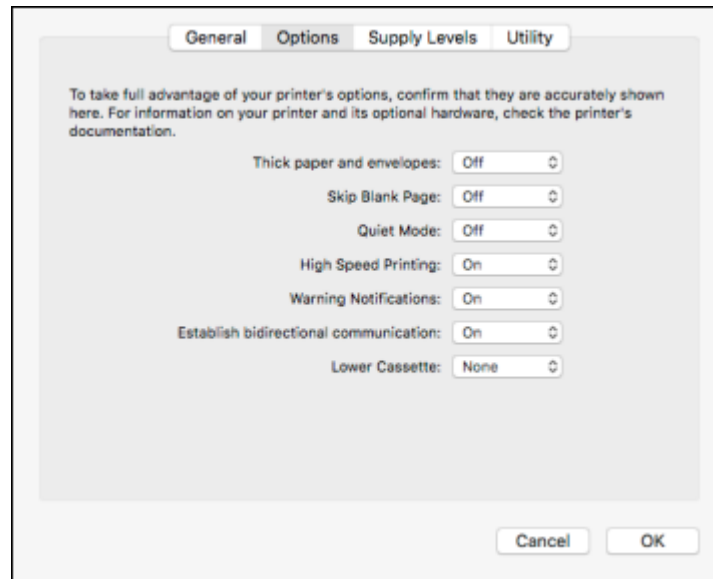
Parent topic: [Managing Color - OS X](#)

Selecting Printing Preferences - OS X

You can select printing preferences that apply to all the print jobs you send to your product.

1. In the Apple menu or the Dock, select **System Preferences**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select any of the available printing preferences.
5. Click **OK**.

[Printing Preferences - OS X](#)

Parent topic: [Printing with OS X](#)

Printing Preferences - OS X

You can select from these settings on the **Options** or **Driver** tab.

Thick Paper and Envelopes

Prevents ink from smearing when you print on envelopes or other thick paper.

Skip Blank Page

Ensures that your product does not print pages that contain no text or images.

Quiet Mode

Lessens noise during printing but may decrease print speed.

High Speed Printing

Speeds up printing but may reduce print quality.

Warning Notifications

Lets you choose whether or not to receive warning notifications from the printer software for various operating conditions.

Establish bidirectional communication

Allows the product to communicate with the computer. Do not change the default setting unless you experience issues when using a shared printing pool.

Lower Cassette

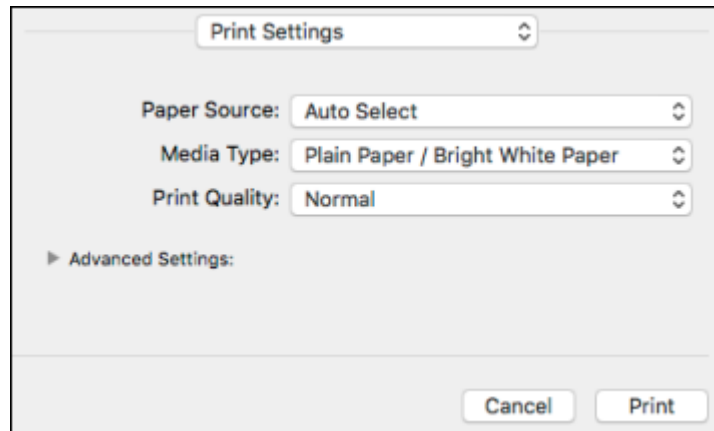
Specifies whether the optional cassette is present.

Parent topic: [Selecting Printing Preferences - OS X](#)

Printing Your Document or Photo - OS X

Once you have selected your print settings, you are ready to print.

Click **Print** at the bottom of the print window.



[Checking Print Status - OS X](#)

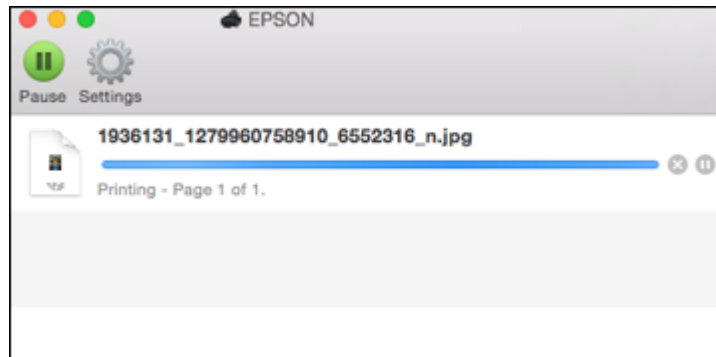
Parent topic: [Printing with OS X](#)

Checking Print Status - OS X




During printing, you can view the progress of your print job, control printing, and check ink status.

1. Click the printer icon when it appears in the Dock.

You see the print status window:



2. Select the following options as necessary for your version of OS X:

- To cancel printing, click the print job and click  or **Delete**.
- To pause a print job, click the print job and click  or **Hold**. To resume a print job, click the paused print job and click  or **Resume**.
- To pause printing for all queued print jobs, click **Pause** or **Pause Printer**.
- To display other printer information, click **Settings** or **Supply Levels**.

Parent topic: [Printing Your Document or Photo - OS X](#)

Printing with the Epson Universal Print Driver - Windows

You can print with the Epson Universal Print Driver using any Windows printing program, as described in these sections.

[Synchronizing Printer Settings - Epson Universal Print Driver - Windows](#)

[Selecting Basic Print Settings - Epson Universal Print Driver - Windows](#)

[Selecting Additional Layout and Print Options - Epson Universal Print Driver - Windows](#)

[Selecting Maintenance Options - Epson Universal Print Driver - Windows](#)

[Selecting Default Print Settings - Epson Universal Print Driver - Windows](#)

[Locking Printer Settings - Epson Universal Print Driver - Windows](#)




[Adding Network Printers - Epson Universal Print Driver - Windows](#)

Parent topic: [Printing from a Computer](#)

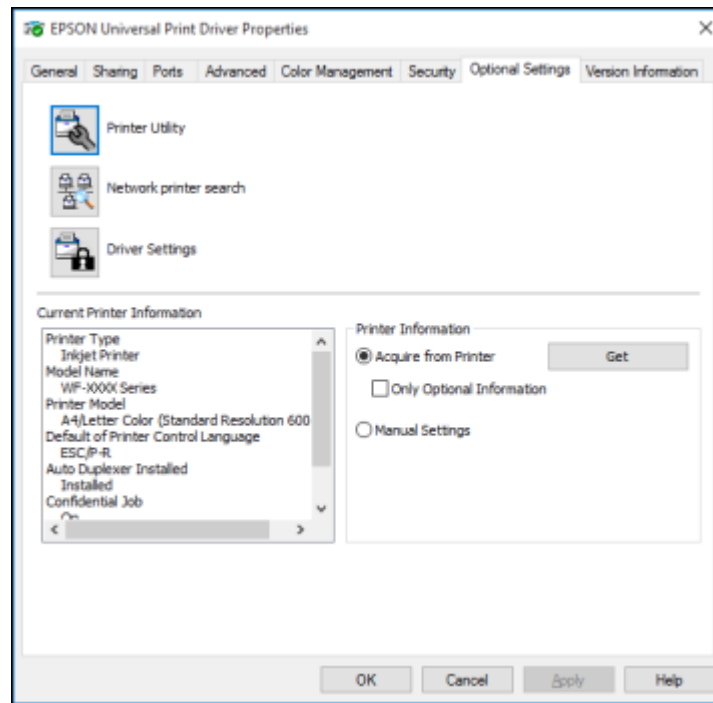
Synchronizing Printer Settings - Epson Universal Print Driver - Windows

You may need to synchronize the printer driver with the product if the printer driver does not detect the correct information or settings from the product.

Note: You must sync the printer driver before you can use any optional equipment installed on the product, such as an optional cassette unit.

1. Do one of the following:
 - **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click **EPSON Universal Print Driver** and select **Properties**.
 - **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click **EPSON Universal Print Driver** and select **Properties**.
2. Click the **Optional Settings** tab.

You see this window:



3. Make sure **Acquire from Printer** is selected and click **Get**.

Note: Select the **Only Optional Information** checkbox if you only want to enable optional equipment, such as an optional cassette unit.

The product's settings and other information appears in the Current Printer Information area.

4. Click **OK**.

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Related tasks

[Enabling the Optional Paper Cassette - Windows](#)

[Enabling the Optional Paper Cassette - PostScript Printer Software - Windows](#)

Selecting Basic Print Settings - Epson Universal Print Driver - Windows

Select the basic settings for the document or photo you want to print.

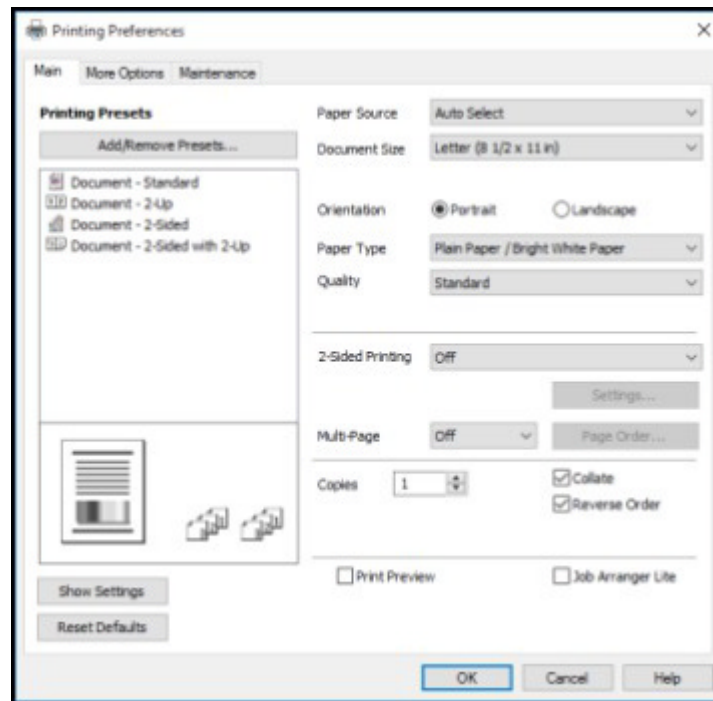
1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select **EPSON Universal Print Driver** as the printer you want to use.

Note: You may also need to select **Properties** or **Preferences** to view your print settings.

You see the Main tab of your printer settings window:



Note: For more information about a setting, right-click it and select **Help**.

4. For the **Paper Source** setting, select where you loaded the paper you want to print on.
5. Select the size of the paper you loaded as the **Document Size** setting.

Note: You can also select the **User-Defined** setting to create a custom paper size.

6. Select the orientation of your document.

Note: If you are printing an envelope, select **Landscape**.

7. Select the type of paper you loaded as the **Paper Type** setting.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

8. Select the **Quality** setting that matches the print quality you want to use.
9. To print on both sides of the paper, select one of the **2-Sided Printing** settings.
10. To print multiple pages on one sheet of paper, or print one image on multiple sheets of paper, select one of the settings in the **Multi-Page** menu and select the printing options you want.
11. To print multiple copies and arrange their print order, select the **Copies** options.
12. To preview your job before printing, select **Print Preview**.
13. To save your print job as a project that can be modified and combined with other print jobs, select **Job Arranger Lite**.

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Related references

[Paper or Media Type Settings - Printing Software](#)

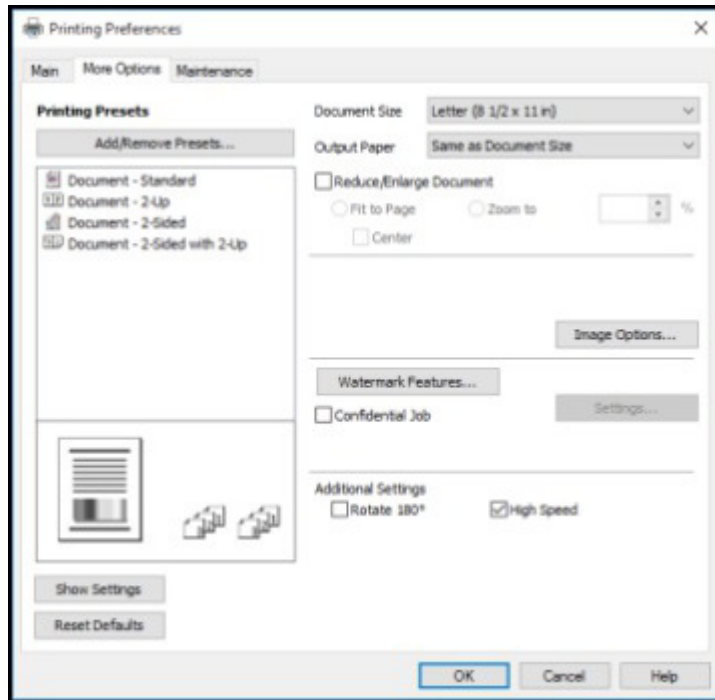
[Paper Source Options - Windows](#)

[Print Quality Options - Windows](#)

[Multi-Page Printing Options - Windows](#)

Selecting Additional Layout and Print Options - Epson Universal Print Driver - Windows

You can select a variety of additional layout and printing options for your document or photo on the More Options tab.



Note: For more information about a setting, right-click it and select **Help**.

1. To change the size of your printed document or photo, select the **Reduce/Enlarge Document** checkbox and select one of these sizing options:
 - Select the **Fit to Page** option to size your image to fit the paper you loaded. Select the size of the your document or photo as the **Document Size** setting, and the size of your paper as the **Output Paper** setting. If you want to center your image on the paper, select the **Center** option.
 - Select the **Zoom to** option to reduce or enlarge your document or photo by a specific percentage. Select the percentage in the % menu.

2. Select **Image Options** to access additional settings for improving printed images.

3. To add the following features, click the **Watermark Features** button:

- **Watermark:** adds a visible watermark to your printout.

Note: Click the **Add/Delete** button to create your own watermark, and click the **Settings** button to customize the watermark.

- **Header/Footer:** adds information such as the date and time to the top or bottom of your printout.

Note: Click the **Settings** button to customize the text and location of the header or footer.

4. To add a password to your print job, select the **Confidential Job** checkbox, then enter a password. Confidential jobs are stored in the product's memory without being printed. To print the job, enter the password for the confidential job on the product's control panel.

Note: Confidential print jobs are cleared from the product's memory after printing.

5. Select any of the Additional Settings options to customize your print.

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

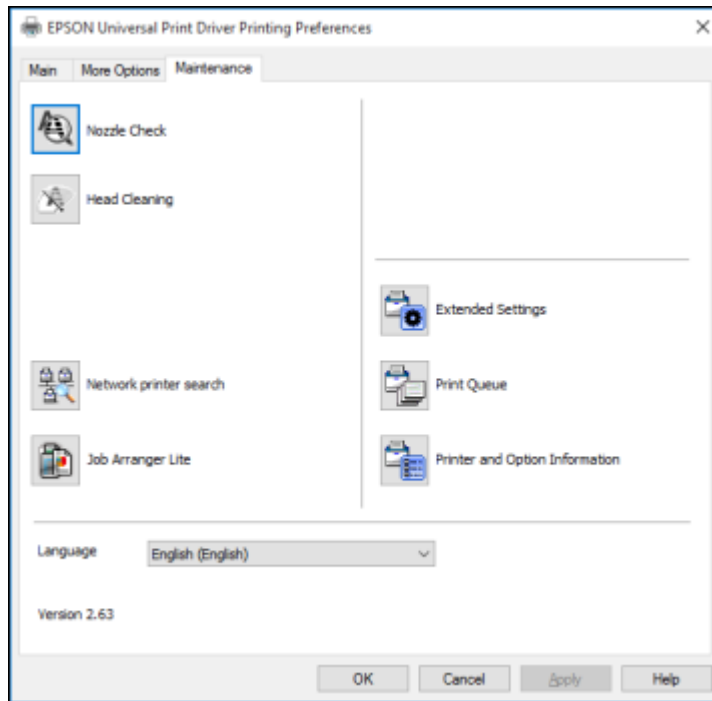
Related references

[Image Options and Additional Settings - Windows](#)

[Header/Footer Settings - Windows](#)

Selecting Maintenance Options - Epson Universal Print Driver - Windows

You can select maintenance and other optional settings on the Maintenance tab.



Note: For more information about a setting, right-click it and select **Help**.

- **Nozzle Check** lets you print a nozzle check pattern to check for clogged nozzles.
- **Head Cleaning** lets you clean the print head.
- **Network printer search** lets you search for and connect to a product on the network.
- **Job Arranger Lite** lets you save your print job as a project that can be modified and combined with other print jobs.
- **Extended Settings** lets you change a variety of print settings.
- **Print Queue** displays all the print jobs in queue. You can also cancel or restart print jobs.

- **Printer and Option Information** displays information on the printer settings and any optional equipment installed.
- **Language** lets you change the language of the printer software screens.

[Extended Settings - Epson Universal Print Driver - Windows](#)

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

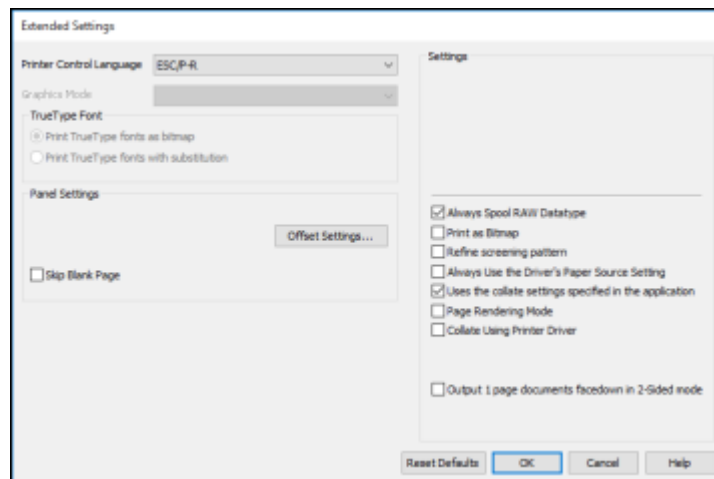
Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

Extended Settings - Epson Universal Print Driver - Windows

You can select from these settings on the Extended Settings window.



Printer Control Language

Lets you select the printer control language.

Graphics Mode

Lets you select the mode by which to output PDL commands to the product.

TrueType Font

Lets you select how you want to print TrueType fonts.

Offset Settings

Lets you make fine-tune adjustments to the print position of data on your printout.

Skip Blank Page

Ensures that your product does not print pages that contain no text or images.

Always Spool RAW Datatype

Increases print speed and may solve other printing problems.

Print as Bitmap

Increases print speed when printing is extremely slow or the print head stops during printing, and other settings do not help.

Refine screening pattern

Prints graphics with a finer screening pattern.

Always Use the Driver's Paper Source Setting

Prints using the paper source setting in the printer driver, rather than the setting in your application.

Uses the collate settings specified in the application

Prints using the collate setting in your application.

Page Rendering Mode

Increases print speed when printing is extremely slow or the print head stops during printing.

Collate Using Printer Driver

Prints and collates multi-page documents using the printer driver. Deselect this checkbox to use the product to collate your print jobs instead. (This setting is automatically enabled if there is not enough memory on the product to collate your print job.)

Output 1 page documents facedown in 2-Sided mode


Outputs single-sided pages in a 2-sided print job facedown instead of faceup.



Parent topic: [Selecting Maintenance Options - Epson Universal Print Driver - Windows](#)

Selecting Default Print Settings - Epson Universal Print Driver - Windows

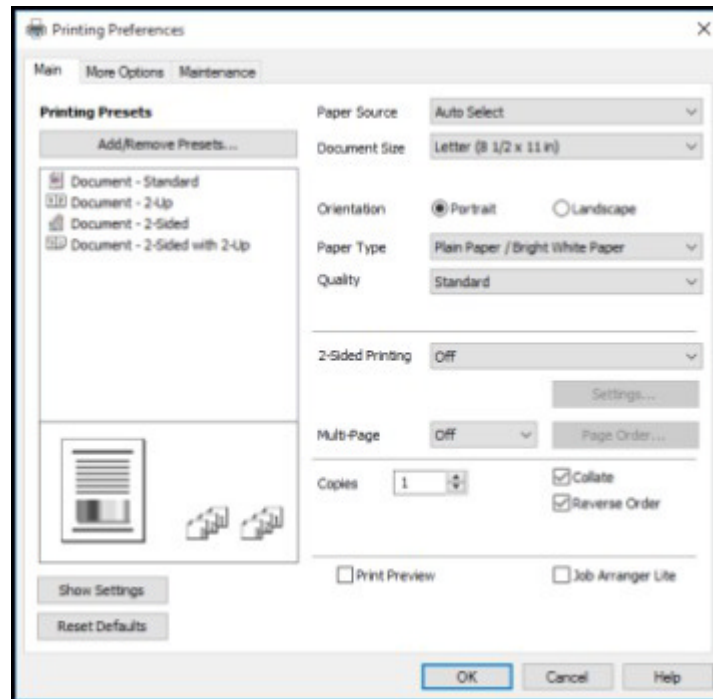
When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Do one of the following:

- **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Print Preferences**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Print Preferences**.

- **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printing Preferences**.
- **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, right-click **EPSON Universal Print Driver**, and select **Printing Preferences**.
- **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click **EPSON Universal Print Driver** and select **Printing Preferences**.

You see the printer settings window:



Note: For more information about a setting, right-click it and select **Help**.




2. Select the print settings you want to use as defaults in all your Windows programs.
3. Click **OK**.

These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

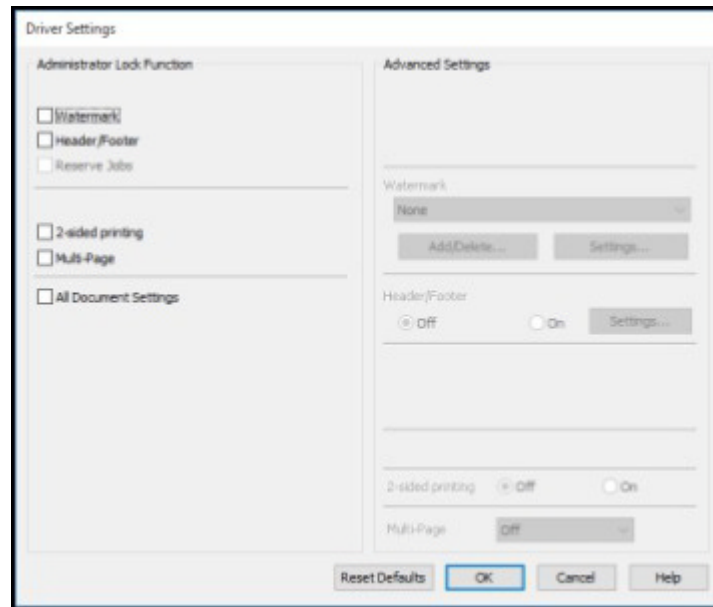
Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Locking Printer Settings - Epson Universal Print Driver - Windows

Administrators can lock some printer settings to prevent unauthorized changes.

1. Do one of the following:
 - **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click **EPSON Universal Print Driver** and select **Properties**.
 - **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click **EPSON Universal Print Driver** and select **Properties**.
2. Click the **Optional Settings** tab.
3. Click **Driver Settings**.

You see this window:



4. Select the checkbox for the settings you want to lock. To lock all print settings, select **All Document Settings**.
5. Under **Advanced Settings**, select the setting option you want to use for each locked setting.
6. Click **OK**.

[Epson Universal Print Driver Locked Setting Options](#)

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Epson Universal Print Driver Locked Setting Options

Select the options you want to use for any locked print settings.




Setting	Options	Description
Watermark	Various text watermarks	Lets you select the text for the watermark or prohibit watermarks
	Add/Delete	Lets you add or delete a customized text or image-based watermark
	Settings	Lets you select the size, position, color and other watermark settings
Header/Footer	Off	Prohibits headers or footers
	On	Allows headers and footers
	Settings	Lets you select the text and position for printing headers and footers
2-sided printing	Off	Allows printing on only one side of the paper
	On	Allows printing on both sides of the paper
Multi-Page	Off	Prohibits multi-page settings
	2-Up	Allows printing of 2 pages on one sheet of paper
	4-Up	Allows printing of 4 pages on one sheet of paper

Parent topic: [Locking Printer Settings - Epson Universal Print Driver - Windows](#)

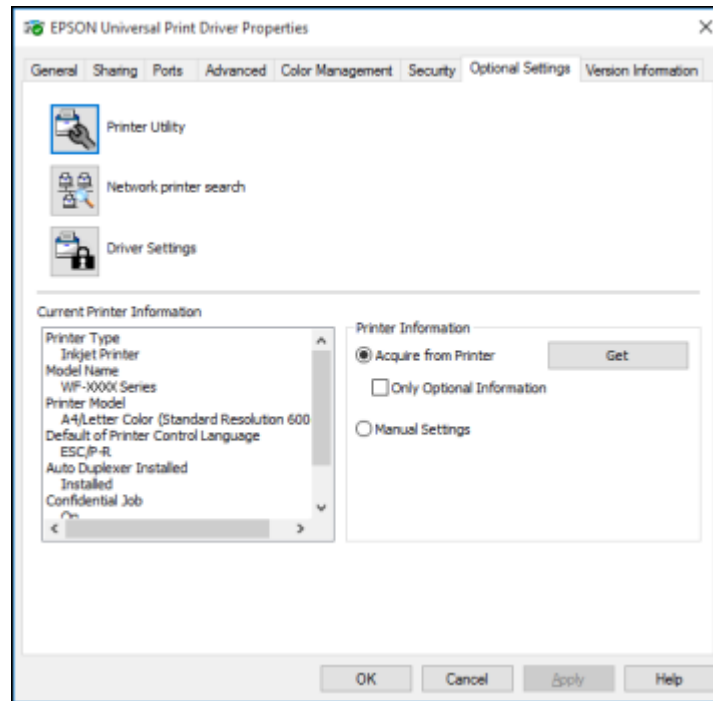
Adding Network Printers - Epson Universal Print Driver - Windows

You can use the Epson Universal Print Driver to find and add network printers.

1. Do one of the following:

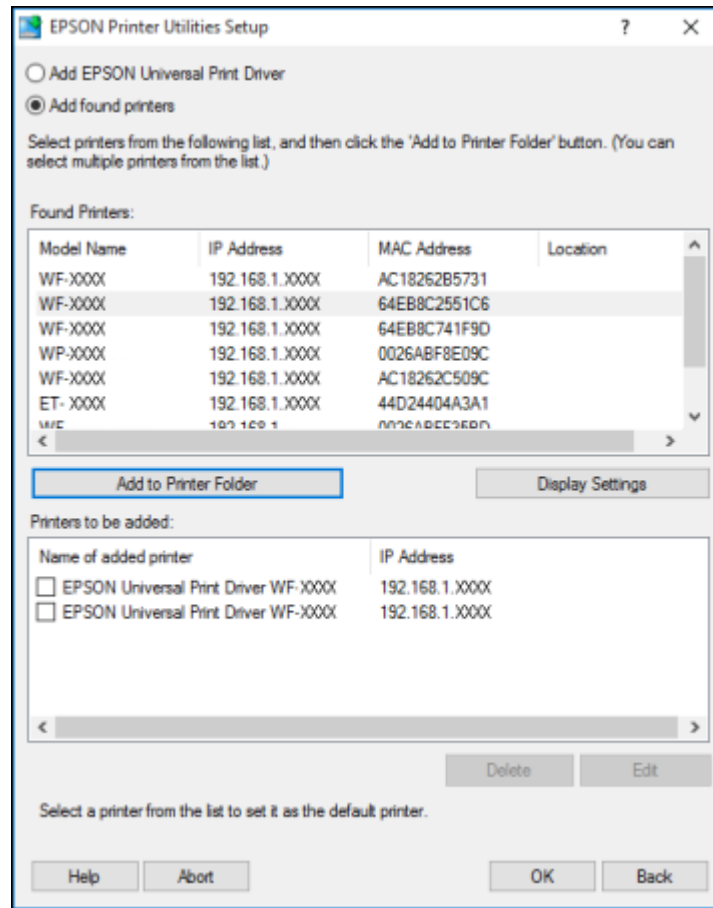
- **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
- **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click **EPSON Universal Print Driver** and select **Properties**.

- **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click **EPSON Universal Print Driver** and select **Properties**.
2. Click the **Optional Settings** tab.
You see this window:



3. Click **Network printer search**.
4. When you see the search results, select **Add found printers**.

You see a screen like this:



5. Select the printer or printers you want to add.
6. Click **Add to Printer Folder**.
The selected printer or printers appear in the lower section of the screen.
7. Select the checkbox next to the product you want to make your default printer, if necessary.
8. Click **OK**.

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Printing with the PostScript (PS3) Printer Software - Windows

You can print with the PostScript (PS3) printer software using any Windows printing program, as described in these sections.

Note: The PostScript printer software supports products that are connected via Ethernet. If your product is connected via USB, you will need to install the standard Epson printer software. To download the standard Epson printer software, go to epson.com/support/wfm5194downloads.

[Enabling the Optional Paper Cassette - PostScript Printer Software - Windows](#)

[Selecting Basic Print Settings - PostScript Printer Software - Windows](#)




[Selecting Additional Layout and Print Options - PostScript Printer Software - Windows](#)

[Selecting Default Print Settings - PostScript Printer Software - Windows](#)

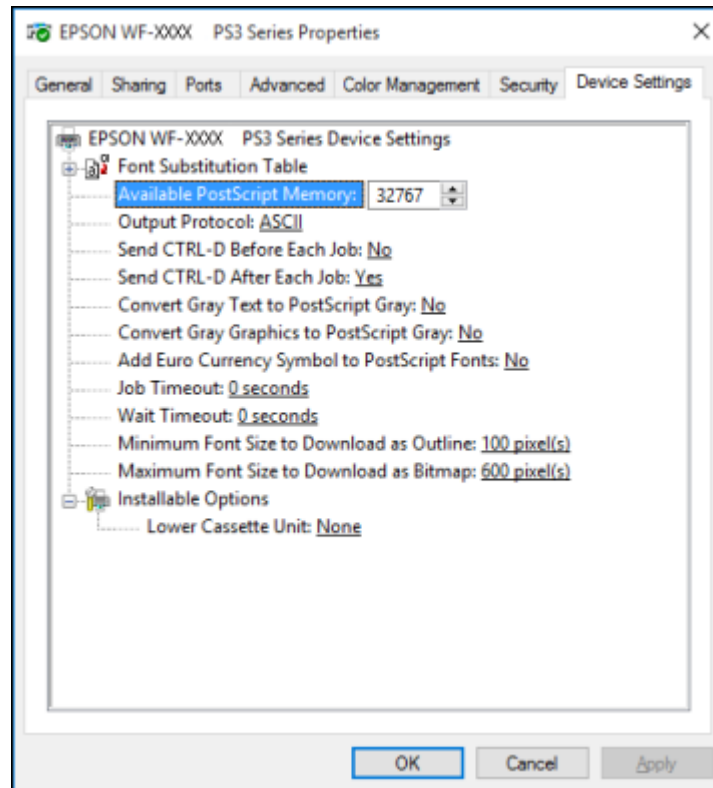
Parent topic: [Printing from a Computer](#)

Enabling the Optional Paper Cassette - PostScript Printer Software - Windows

If you installed the optional paper cassette unit, you need to enable it before you can use it with the PS3 printer software.

1. Do one of the following:
 - **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click your product name and select **Printer Properties**.
 - **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click your product name, and select **Properties**.
 - **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click your product name and select **Properties**.
2. Click the **Device Settings** tab.

You see a window like this:



3. Select the optional cassette installed as the Lower Cassette Unit setting.
4. Click **OK**.

The optional paper cassette is now enabled.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Windows](#)

Related tasks

[Enabling the Optional Paper Cassette - Windows](#)

[Synchronizing Printer Settings - Epson Universal Print Driver - Windows](#)

Selecting Basic Print Settings - PostScript Printer Software - Windows

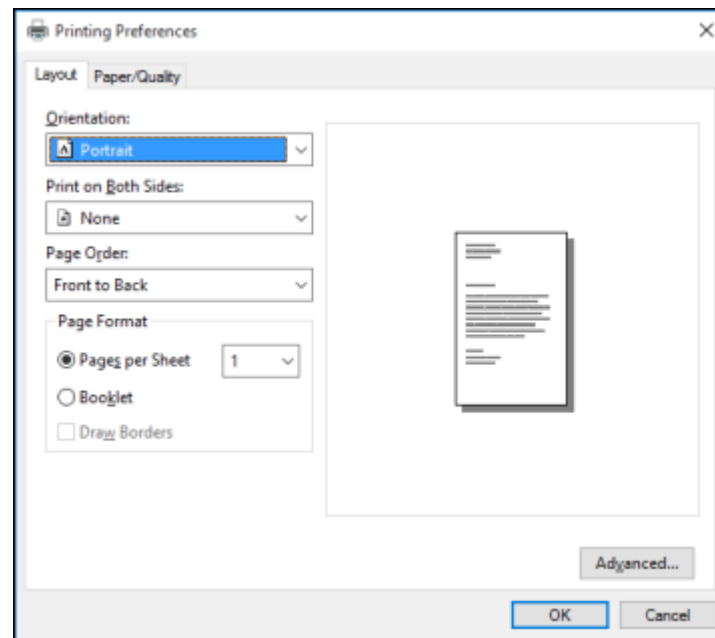
Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select your product name as the printer you want to use, and then click the **Preferences** button.

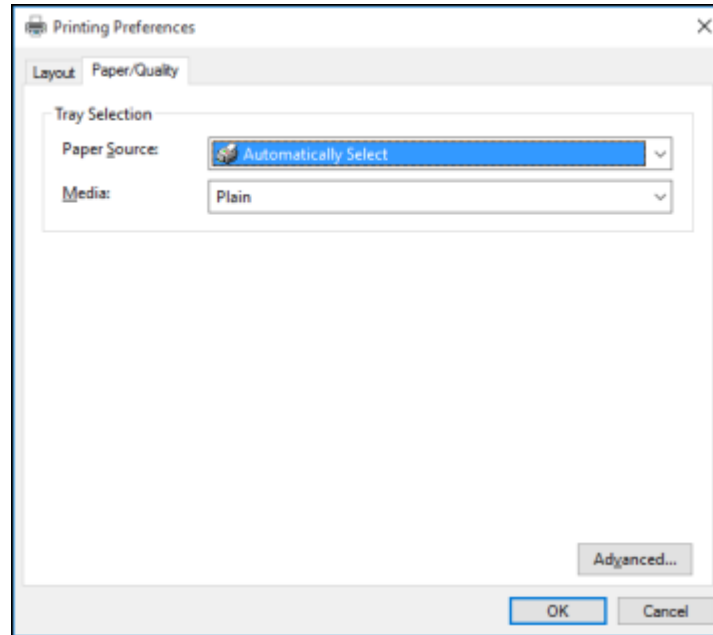
You see the Layout tab of your printer settings window:



4. Select the orientation of your document.
5. To print on both sides of the paper, select one of the **Print on Both Sides** settings.
6. To change the printing order of the pages, select one of the **Page Order** settings.

7. To print multiple pages on one sheet of paper, adjust the **Pages per Sheet** setting.
8. To create a folded booklet out of your photo or document, select the **Booklet** option.
9. Click the **Paper/Quality** tab.

You see this window:



10. Select the **Paper Source** that matches where you loaded the paper you want to print on.
11. Select **Plain** as the **Media** setting.

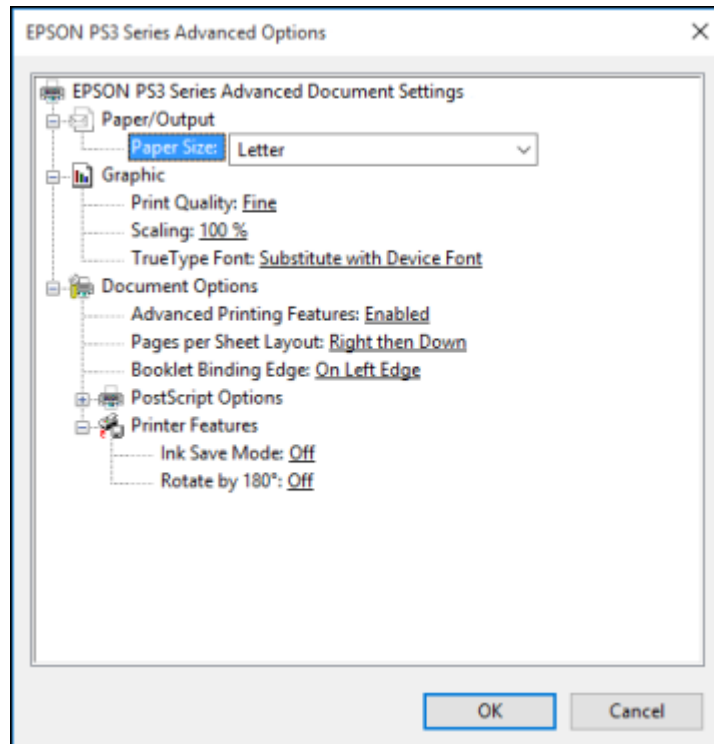
Note: The PostScript printer software supports plain paper printing on these paper and envelope sizes:

- A4 (8.3 × 11.7 inches [210 × 297 mm])
- Letter (8.5 × 11 inches [216 × 279 mm])
- No. 10 (4.1 × 9.5 inches [105 × 241 mm])

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Windows](#)

Selecting Additional Layout and Print Options - PostScript Printer Software - Windows

You can select a variety of additional layout and printing options for your document or photo by clicking the **Advanced** button.






1. Select the size of the paper you loaded as the **Paper Size** setting.
2. Select the **Print Quality** option that matches the print quality you want to use.
3. Adjust the **Scaling** setting to reduce or enlarge your document or photo by a specific percentage.
4. Adjust the **Pages Per Sheet Layout** setting to change the order of multiple pages on a single sheet of paper when you have adjusted the **Pages Per Sheet** setting on the **Layout** tab.
5. Adjust the **Booklet Binding Edge** setting to change the orientation of your printed booklet.
6. Expand the PostScript Options heading to access the advanced PostScript printer software features.
7. Select any of the remaining **Printer Features** options to customize your printouts.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Windows](#)

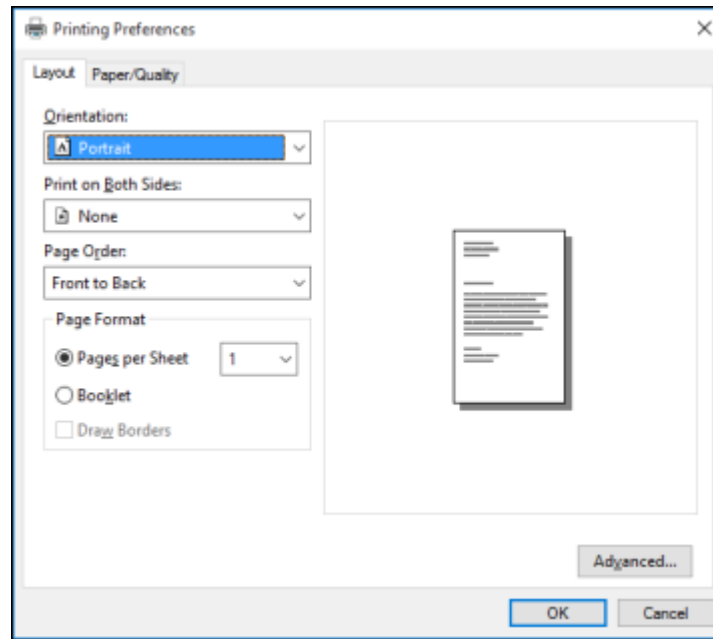
Selecting Default Print Settings - PostScript Printer Software - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Do one of the following:

- **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Print Preferences**.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click your product name and select **Printing Preferences**.
- **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, right-click your product name, and select **Printing Preferences**.
- **Windows XP:** Click **Start** and select **Printers and Faxes**. Right-click your product name and select **Printing Preferences**.

You see the printer settings window:



2. Select the print settings you want to use as defaults in all your Windows programs.
3. Click **OK**.

These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Windows](#)

Printing with the PostScript (PS3) Printer Software - OS X

You can print with the PostScript (PS3) printer software using any OS X printing program, as described in these sections.

Note: The PostScript printer software supports products that are connected via Ethernet. If your product is connected via USB, you will need to install the standard Epson printer software. To download the standard Epson printer software, go to epson.com/support/wfm5194downloads.

[Enabling the Optional Paper Cassette - PostScript Printer Software - OS X](#)

[Selecting Basic Print Settings - PostScript Printer Software - OS X](#)

[Selecting Page Setup Settings - PostScript Printer Software - OS X](#)

[Selecting Print Layout Options - PostScript Printer Software - OS X](#)

[Sizing Printed Images - PostScript Printer Software - OS X](#)

[Managing Color - PostScript Printer Software - OS X](#)

[Printing Your Document or Photo - PostScript Printer Software - OS X](#)

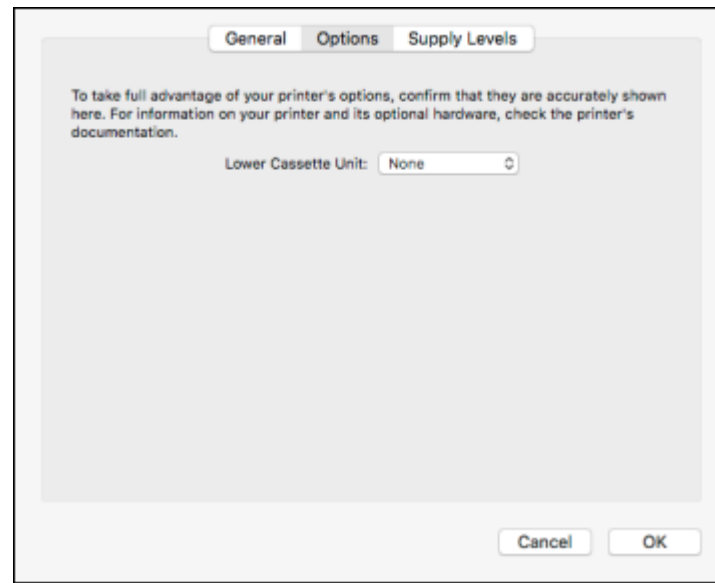
Parent topic: [Printing from a Computer](#)

Enabling the Optional Paper Cassette - PostScript Printer Software - OS X

If you installed the optional paper cassette unit, you need to enable it before you can use it with the PS3 printer software.

1. In the Apple menu or the Dock, select **System Preferences**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select the optional cassette installed as the Lower Cassette Unit setting.
5. Click **OK**.

The optional paper cassette is now enabled.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Related tasks

[Enabling the Optional Paper Cassette - OS X](#)

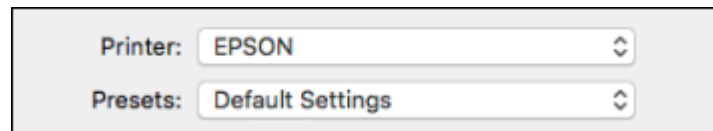
Selecting Basic Print Settings - PostScript Printer Software - OS X

Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

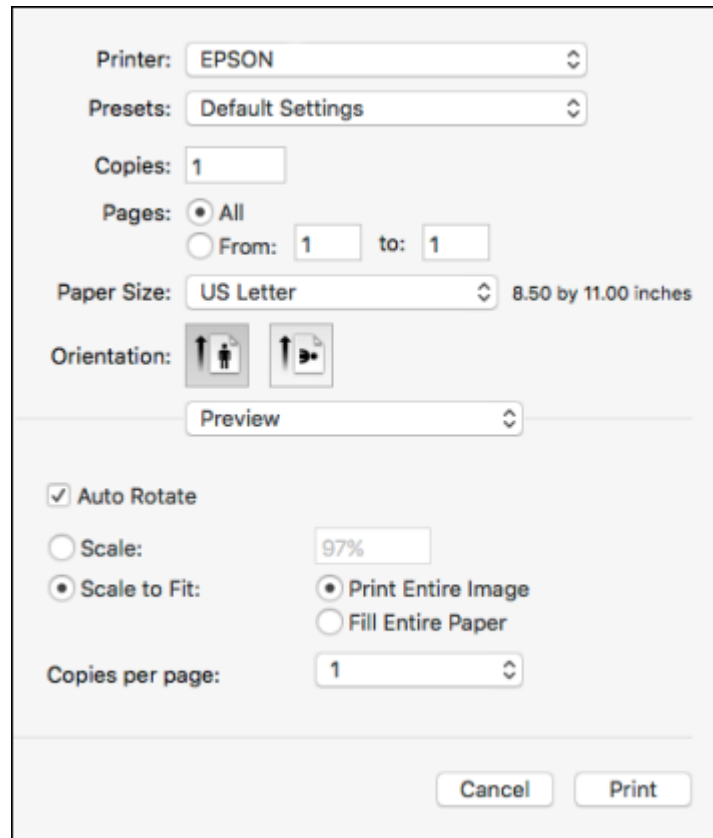
Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. Select your product as the **Printer** setting.



4. If necessary, click the arrow next to the Printer setting or the **Show Details** button to expand the print window.

You see the expanded printer settings window for your product:



Note: The print window may look different, depending on the version of OS X and the application you are using.

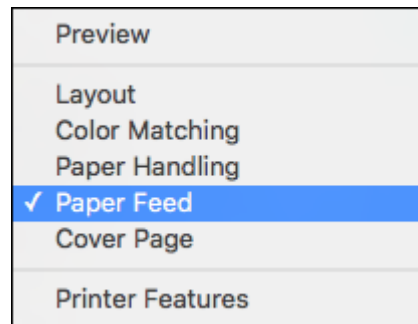
5. Select the **Two-Sided**, **Copies**, and **Pages** settings as necessary.

Note: If you do not see these settings in the print window, check for them in your application before printing.

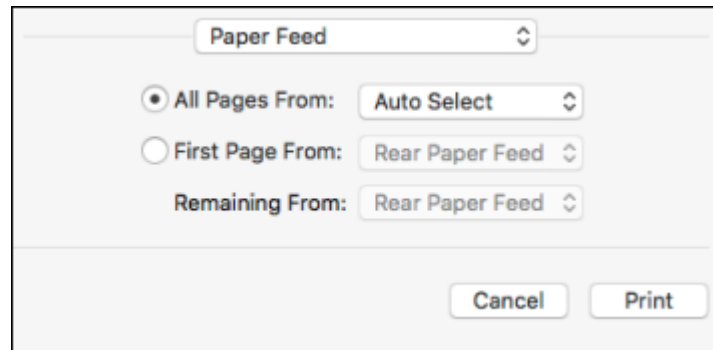
6. Select the page setup options: **Paper Size** and **Orientation**.

Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

7. Select any application-specific settings that appear on the screen, such as those shown in the image above for the Preview application.
8. Select **Paper Feed** from the pop-up menu.

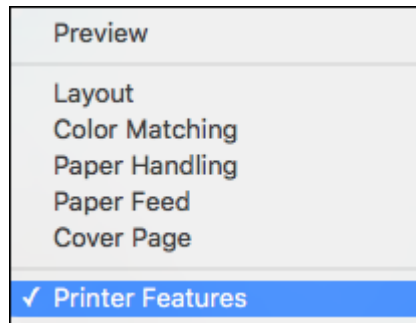


You see these settings:

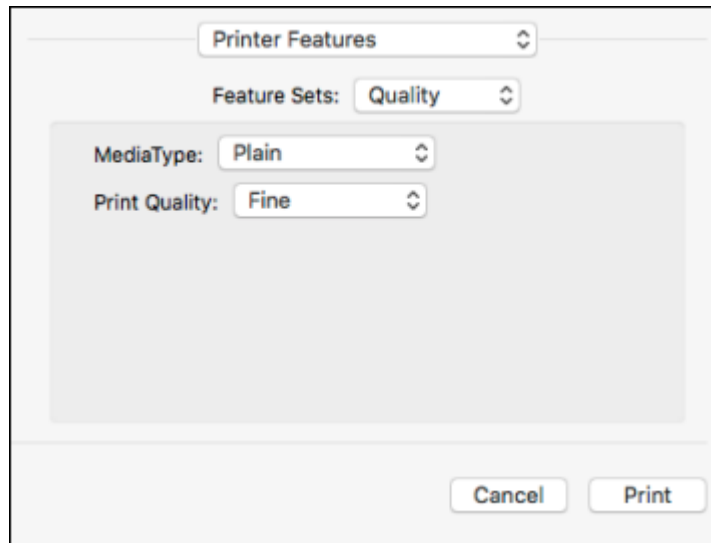


9. Select **All Pages From** or **First Page From** and select the paper source you want to print from.

10. Select **Printer Features** from the pop-up menu.



You see these settings:



11. Select **Plain** as the **MediaType** setting.

Note: The PostScript printer software supports plain paper printing on these paper and envelope sizes:

- A4 (8.3 × 11.7 inches [210 × 297 mm])

- Letter (8.5 × 11 inches [216 × 279 mm])
- No. 10 (4.1 × 9.5 inches [105 × 241 mm])

12. Select one of the following **Print Quality** options:

- For fast printing with reduced quality, select **Fast**.
- For printing text and graphics with good quality and print speed, select **Fine**.
- For the best printing with reduced speed, select **Maximum**.

13. Select any of the available print options.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Related tasks

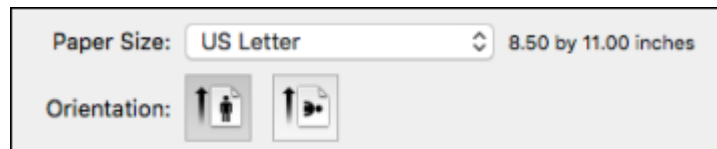
[Selecting Page Setup Settings - PostScript Printer Software - OS X](#)

[Selecting Print Layout Options - PostScript Printer Software - OS X](#)

[Printing Your Document or Photo - PostScript Printer Software - OS X](#)

Selecting Page Setup Settings - PostScript Printer Software - OS X

Depending on your application, you may be able to select the paper size and orientation settings from the print window.



Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

1. Select the size of the paper you loaded as the **Paper Size** setting. You can also select a custom setting to create a custom paper size.
2. Select the orientation of your document or photo as shown in the print window.

Note: You can reduce or enlarge the size of the printed image by selecting **Paper Handling** from the pop-up menu and selecting a scaling option.

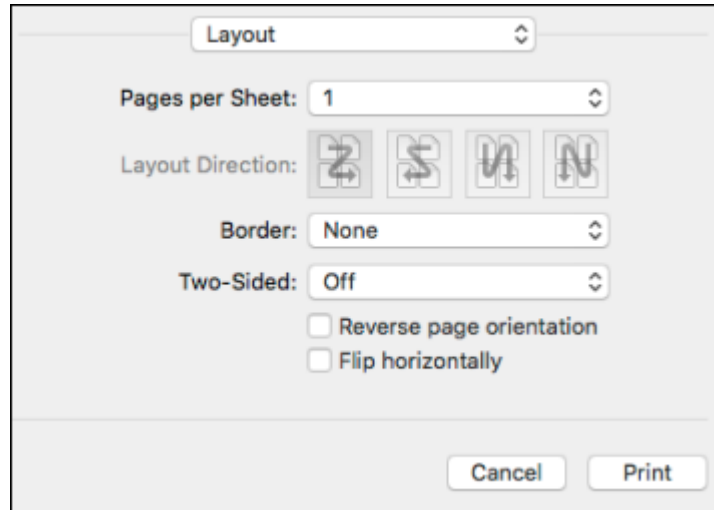
Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Related tasks

[Selecting Basic Print Settings - PostScript Printer Software - OS X](#)

Selecting Print Layout Options - PostScript Printer Software - OS X

You can select a variety of layout options for your document or photo by selecting **Layout** from the pop-up menu on the print window.

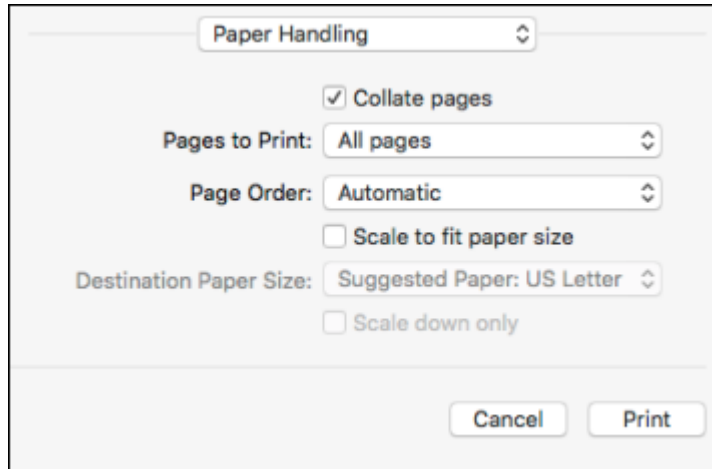


- To print multiple pages on one sheet of paper, select the number of pages in the **Pages per Sheet** pop-up menu. To arrange the print order of the pages, select a **Layout Direction** setting.
- To print borders around each page on the sheet, select a line setting from the **Border** pop-up menu.
- To print on both sides of the page, select one of the **Two-Sided** settings.
- To invert or flip the printed image, select the **Reverse page orientation** or **Flip horizontally** settings.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Sizing Printed Images - PostScript Printer Software - OS X

You can adjust the size of the image as you print it by selecting **Paper Handling** from the pop-up menu on the Print window.



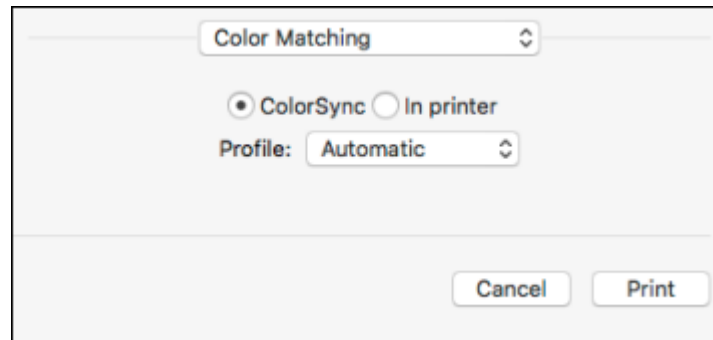
- To print only selected pages in a multi-page document, select an option from the **Pages to Print** pop-up menu.
- To adjust the order in which pages are printed, select an option from the **Page Order** pop-up menu.
- To scale the image to fit on a specific paper size, select the **Scale to fit paper size** checkbox and select a paper size from the **Destination Paper Size** pop-up menu.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Managing Color - PostScript Printer Software - OS X

You can adjust the Color Matching settings to fine-tune the colors in your printout.

1. Select **Color Matching** from the pop-up menu in the print window.



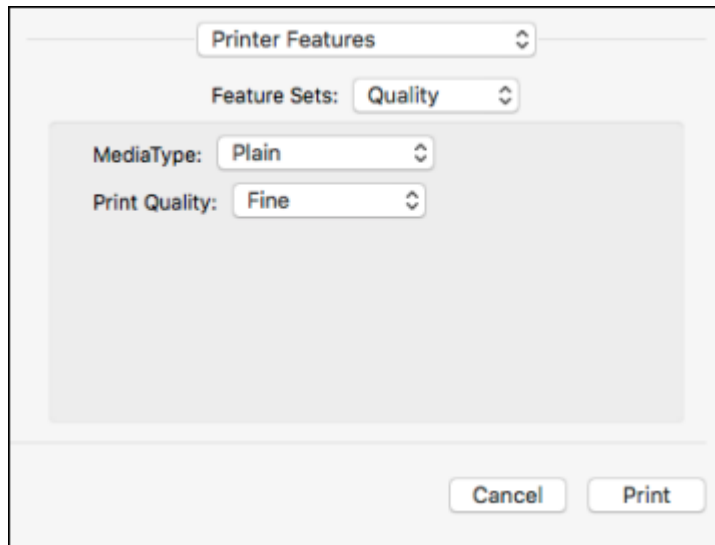
2. Do one of the following:
 - To print using standard color profiles for your product and paper to help match image colors, select **ColorSync**. Select one of the available **Profile** options to change the active color profile.
 - To use the product's default color matching, select **In printer**.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Printing Your Document or Photo - PostScript Printer Software - OS X

Once you have selected your print settings, you are ready to print.

Click **Print** at the bottom of the print window.



[Checking Print Status - PostScript Printer Software - OS X](#)

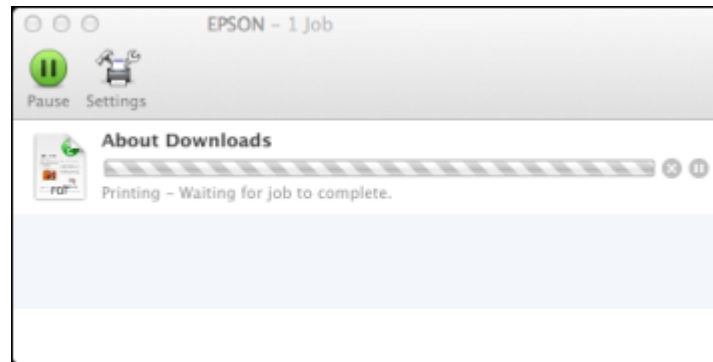
Parent topic: [Printing with the PostScript \(PS3\) Printer Software - OS X](#)

Checking Print Status - PostScript Printer Software - OS X




During printing, you can view the progress of your print job, control printing, and check ink status.

1. Click the printer icon when it appears in the Dock.

You see the print status window:




2. Select the following options as necessary for your version of OS X:

- To cancel printing, click the print job and click  or **Delete**.
- To pause a print job, click the print job and click  or **Hold**. To resume a print job, click the paused print job and click  or **Resume**.
- To pause printing for all queued print jobs, click **Pause** or **Pause Printer**.
- To display other printer information, click **Settings** or **Supply Levels**.

Parent topic: [Printing Your Document or Photo - PostScript Printer Software - OS X](#)

Canceling Printing Using a Product Button

If you need to cancel printing, press the  **Stop** button on your product.

Parent topic: [Printing from a Computer](#)

Replacing the Ink Cartridge and Maintenance Box

The maintenance box stores ink that gets flushed from the system during print head cleaning. When the ink cartridge is expended or the maintenance box is at the end of its service life, you need to replace it.

You may also need to replace a cartridge that is more than six months old if your printouts do not look their best, even after cleaning and aligning the print head.

Note: Please dispose of your used Epson branded ink cartridges and maintenance boxes responsibly and in accordance with local requirements. If you would like to return your used ink cartridges and maintenance boxes to Epson for proper disposal, please go to epson.com/recycle for more information.

[Check Status of the Ink Cartridge and Maintenance Box](#)

[Purchase Epson Ink Cartridges and Maintenance Box](#)

[Removing and Installing the Ink Cartridge](#)

[Replacing the Maintenance Box](#)

Check Status of the Ink Cartridge and Maintenance Box

Your product and its software will let you know when the ink cartridge is low or expended, or when the maintenance box needs to be replaced.

Note: When using the Epson Universal Print Driver or PostScript (PS3) printer software with the product, you can check ink cartridge and maintenance box status by using the printer buttons or the utilities included with the standard Epson printer software. To download the standard Epson printer software, go to epson.com/support/wfm5194downloads.

[Checking Cartridge Status on the LCD Screen](#)

[Checking Cartridge and Maintenance Box Status with Windows](#)

[Checking Cartridge and Maintenance Box Status with OS X](#)

Parent topic: [Replacing the Ink Cartridge and Maintenance Box](#)

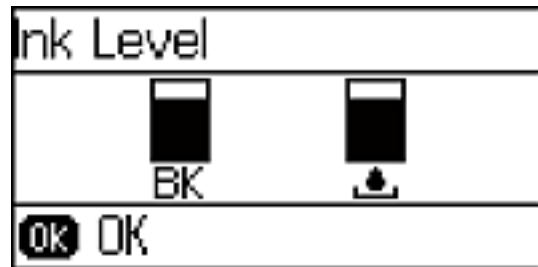
Checking Cartridge Status on the LCD Screen

When the ink cartridge is low, the orange **Error** light flashes. When the cartridge is expended, the orange **Error** light stays on. You can use the **Ink Level** option to check the status of the cartridge and maintenance box.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.

2. Select **Ink Level** and press the **OK** button.

You see a screen like this:



3. To exit, press the **OK** button.

Parent topic: [Check Status of the Ink Cartridge and Maintenance Box](#)

Related tasks

[Removing and Installing the Ink Cartridge](#)

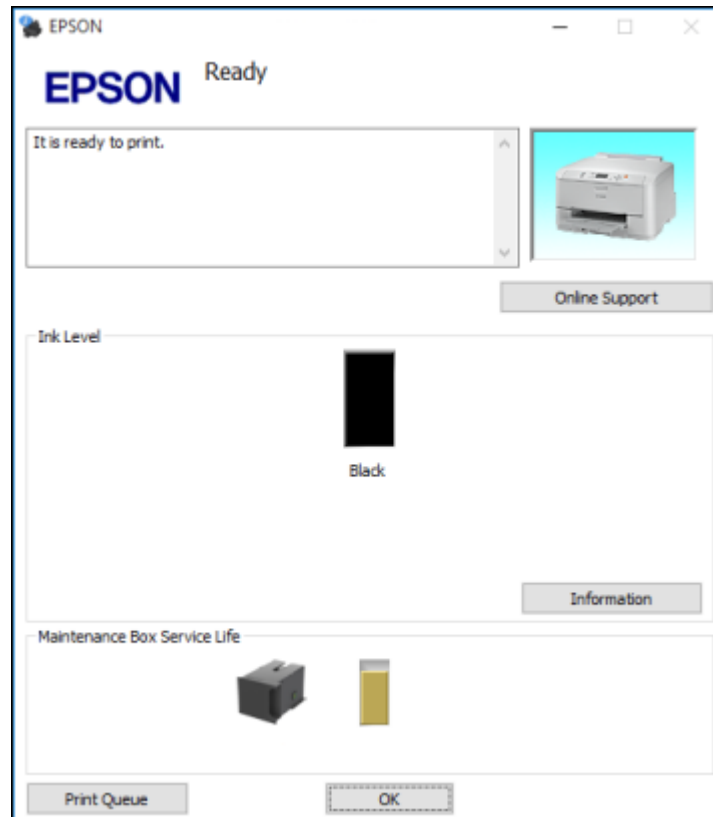
[Replacing the Maintenance Box](#)

Checking Cartridge and Maintenance Box Status with Windows

A low ink reminder appears if you try to print when ink is low, and you can check your cartridge or maintenance box status at any time using a utility on your Windows computer.

1. To check your status, access the Windows Desktop, double-click the product icon in the Windows taskbar, and click **Details**.

You see this window:

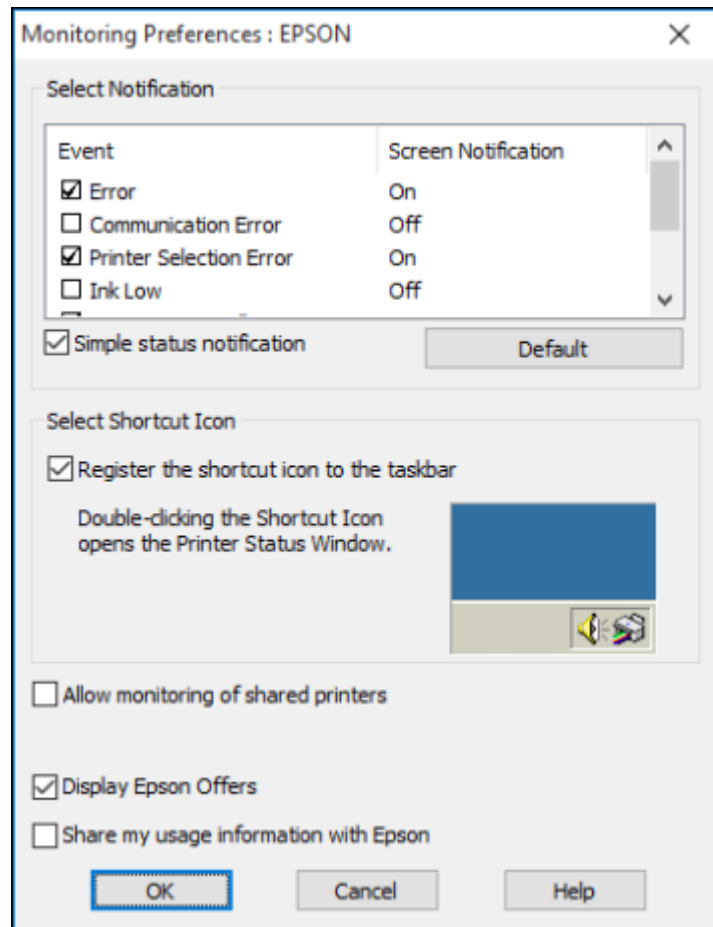


2. Replace or reinstall the maintenance box or ink cartridge as indicated on the screen.

Note: If the cartridge installed in the product is broken, incompatible with the product model, or improperly installed, Epson Status Monitor will not display an accurate cartridge status.

3. To disable the low ink reminder, right-click the product icon in the Windows taskbar and select **Monitoring Preferences**.

You see this window:



4. Deselect the **See Low Ink Reminder alerts** checkbox at the bottom of the screen.
5. To disable promotional offers, deselect the **Display Epson Offers** checkbox.
6. Click **OK**.

Parent topic: [Check Status of the Ink Cartridge and Maintenance Box](#)

Related tasks

[Checking Cartridge Status on the LCD Screen](#)

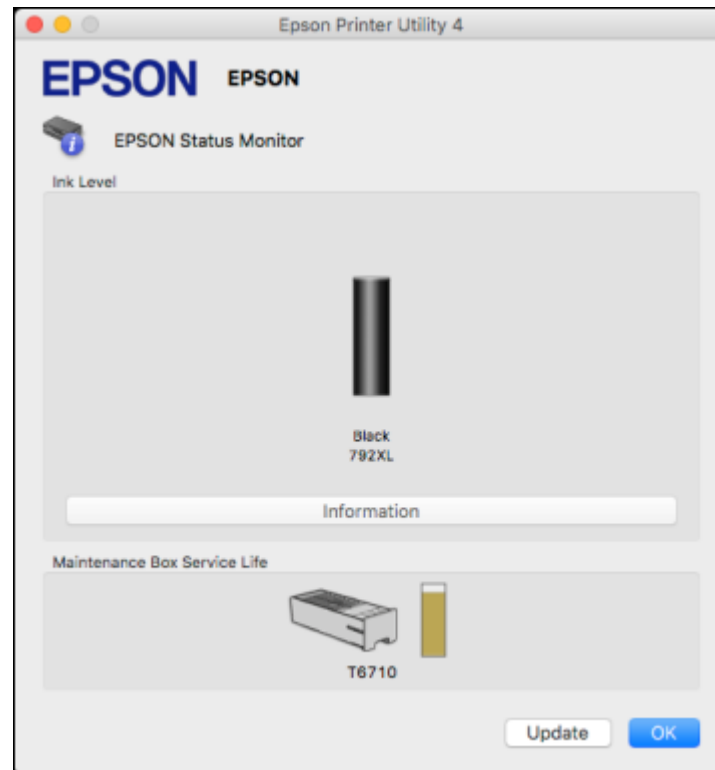
Removing and Installing the Ink Cartridge
Replacing the Maintenance Box

Checking Cartridge and Maintenance Box Status with OS X

You can check the status of your ink cartridge and maintenance box using a utility on your Mac.

1. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **EPSON Status Monitor**.

You see this window:



3. Do the following as necessary:

- You can update the ink cartridge and maintenance box status by clicking **Update**.
- Replace or reinstall the maintenance box or ink cartridge as indicated on the screen.

Note: If the cartridge installed in the product is broken, incompatible with the product model, or improperly installed, Epson Status Monitor will not display an accurate cartridge status.

Parent topic: [Check Status of the Ink Cartridge and Maintenance Box](#)

Related tasks

[Checking Cartridge Status on the LCD Screen](#)

[Removing and Installing the Ink Cartridge](#)

[Replacing the Maintenance Box](#)

Purchase Epson Ink Cartridges and Maintenance Box

You can purchase genuine Epson ink, maintenance boxes, and paper at epson.com/ink3 (U.S. sales) or epson.ca (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766).

Note: This product uses only genuine Epson-brand cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly.

The cartridge included with the printer is designed for printer setup and not for resale. After some ink is used for charging, the rest is available for printing. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on.

[Ink Cartridge and Maintenance Box Part Numbers](#)

Parent topic: [Replacing the Ink Cartridge and Maintenance Box](#)

Ink Cartridge and Maintenance Box Part Numbers

Use these part numbers when you order or purchase a new ink cartridge or maintenance box.

Maintenance box part number: T6710

Ink cartridge: Black 792XL High-capacity

Note: For best printing results, use up a cartridge within 6 months of opening the package.

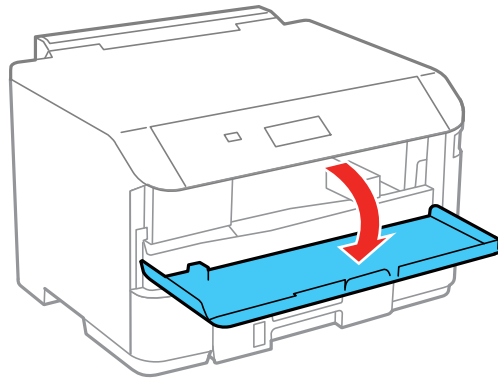
Parent topic: [Purchase Epson Ink Cartridges and Maintenance Box](#)

Removing and Installing the Ink Cartridge

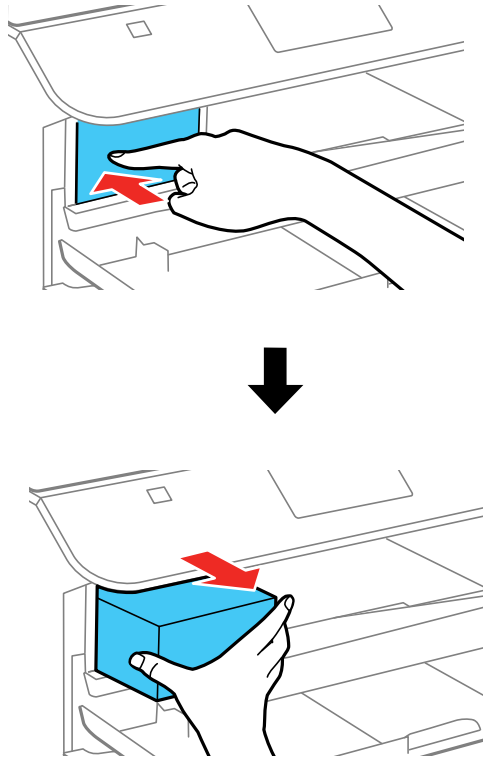
Make sure you have your replacement cartridge handy before you begin. You must install the new cartridge immediately after removing the old one.

Caution: Leave your old cartridge in the printer until you are ready to replace it to prevent the print head nozzles from drying out. Do not open the ink cartridge package until you are ready to install the ink. The cartridge is vacuum packed to maintain reliability.

1. Turn on your product.
2. If the ink cartridge is low or expended, a message appears on your product and on your computer screen.
3. Open the front cover.



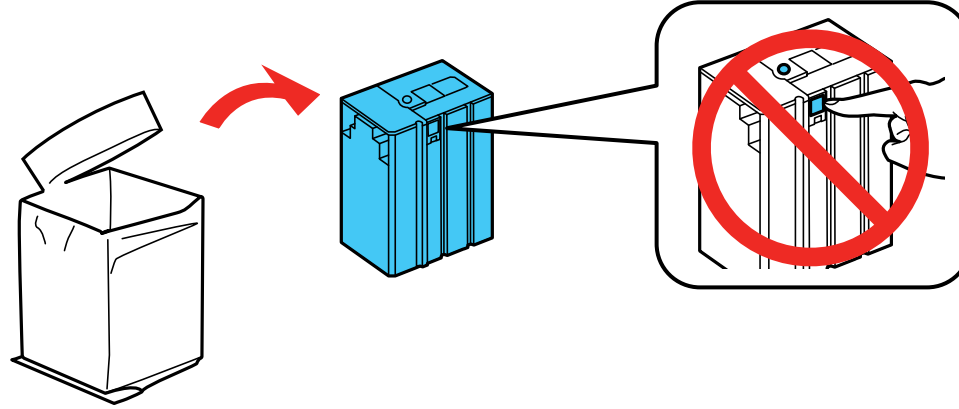
4. Push the ink cartridge in, then release it and pull it out of the slot.



Note: Dispose of the used cartridge carefully. Do not take the used cartridge apart or try to refill it.

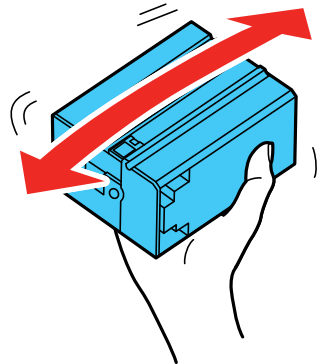
Warning: If ink gets on your skin, wash it thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If ink gets into your mouth, spit it out and see a doctor right away. Keep ink cartridges out of the reach of children.

5. Remove the cartridge from the package.



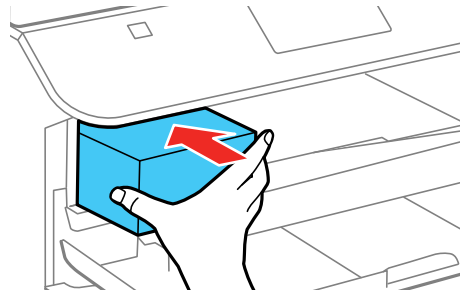
Caution: Do not touch the green chip on the cartridge. Install the new cartridge immediately after removing the old one; if you do not, the print head may dry out and be unable to print.

6. Gently shake the ink cartridge horizontally for about five seconds as shown.

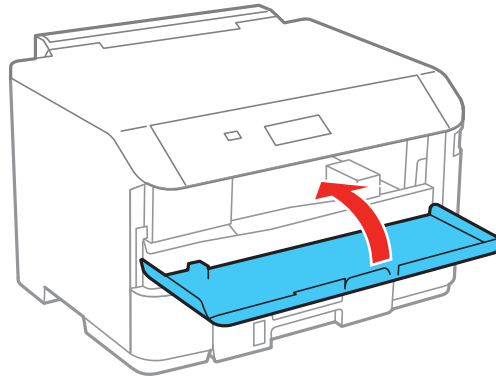


Caution: Do not remove any labels or seals, or ink will leak.

7. Insert the new cartridge into the holder and push it in until it clicks into place.



8. When you are finished, close the front cover.



The product starts charging the ink and returns to its previous state when finished.

Note: Do not turn off the printer during ink replacement. If you see a cartridge check message on the LCD screen, press the **OK** button to check if it installed correctly.

Caution: If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. The valve in the ink supply port is designed to contain any excess ink, but do not touch the ink supply port or surrounding area. Always store ink cartridges with the label facing up; do not store cartridges upside-down.

Parent topic: [Replacing the Ink Cartridge and Maintenance Box](#)

Replacing the Maintenance Box

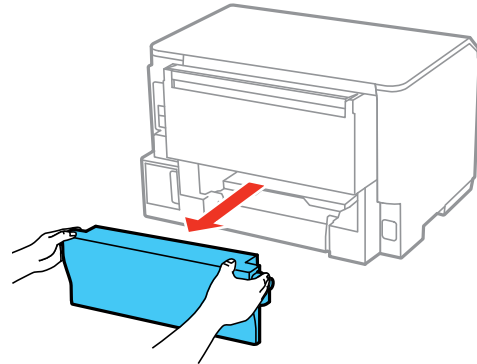
Make sure you have a new maintenance box before you begin.

Caution: Do not reuse a maintenance box that has been removed and left uninstalled for more than a week. Keep the maintenance box away from direct sunlight.

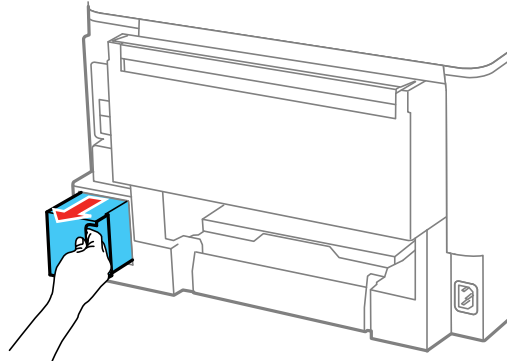
1. Make sure the product is not printing.
2. Remove the new maintenance box from its package.

Caution: Do not touch the green chip on the maintenance box.

3. Press the buttons on the sides of the rear cover and remove it.



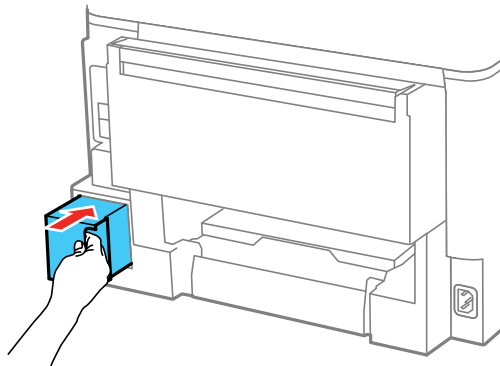
4. Grasp the maintenance box as shown and pull it out of its holder.



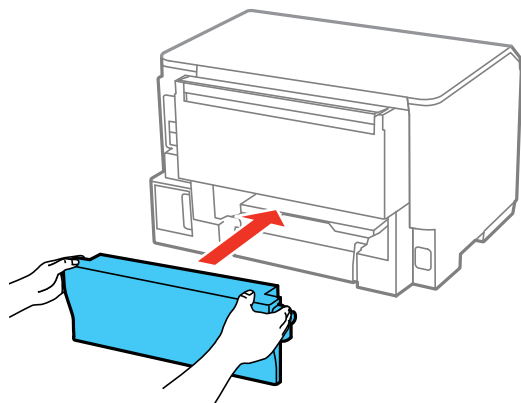
Note: Do not tilt the used maintenance box or take it apart.

Warning: If ink gets on your skin, wash it thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If ink gets into your mouth, spit it out and see a doctor right away. Keep the maintenance box out of the reach of children and do not drink the ink.

5. Place the used maintenance box in the plastic bag that came with the new maintenance box. Seal the bag and dispose of it carefully.
6. Insert the new maintenance box into the holder and push it all the way in.



7. Press the buttons on the sides of the rear cover and reattach it.



Parent topic: [Replacing the Ink Cartridge and Maintenance Box](#)

Adjusting Print Quality

If your print quality declines, you may need to run a utility to clean or align the print head.

Note: When using the PCL or PostScript (PS3) printer software with the product, you can clean and align the print head and run a nozzle check by using the printer buttons or the utilities included with the standard Epson printer software. To download the standard Epson printer software, go to epson.com/support/wfm5194downloads.

If running these utilities does not solve the problem, you may need to replace the ink cartridge.

[Print Head Maintenance](#)

[Print Head Alignment](#)

[Cleaning the Paper Guide](#)

Print Head Maintenance

If your printouts become too light, or you see dark or light bands across them, you may need to clean the print head nozzles. Cleaning uses ink, so clean the nozzles only if print quality declines.

You can check for clogged nozzles before you clean them so you don't clean them unnecessarily.

Note: You cannot clean the print head if the ink cartridge is expended, and may not be able to clean it when the cartridge is low. You must replace the cartridge first.

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

Parent topic: [Adjusting Print Quality](#)

Related topics

[Replacing the Ink Cartridge and Maintenance Box](#)

Print Head Nozzle Check

You can print a nozzle check pattern to check for clogged nozzles.

[Checking the Nozzles Using the Product Control Panel](#)

[Checking the Nozzles Using a Computer Utility](#)

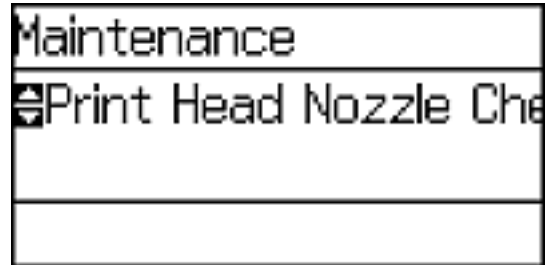
Parent topic: [Print Head Maintenance](#)

Checking the Nozzles Using the Product Control Panel

You can check the print head nozzles using the control panel on your product.

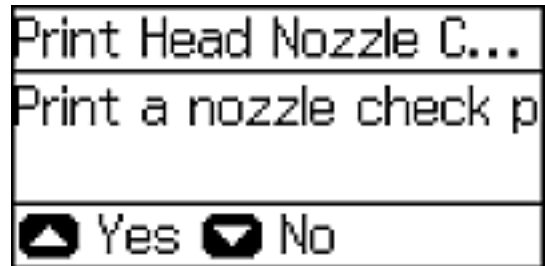
1. Make sure plain paper is loaded in Cassette 1.
2. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
3. Press the down arrow button, select **Maintenance**, and press the **OK** button.

You see this screen:



4. Select **Print Head Nozzle Check**.

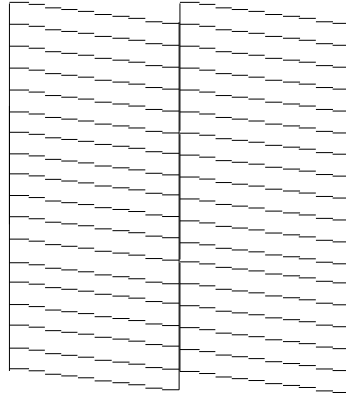
You see a screen like this:



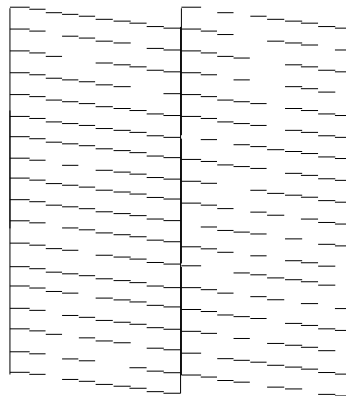
5. Press the up arrow button.
The nozzle pattern prints.

6. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



7. Do one of the following:
- If there are no gaps, press the down arrow button, select **Finish**, and press the **OK** button.
 - If there are gaps or the pattern is faint, select **Clean the print head** and press the **OK** button.

8. Follow the instructions on the screen to clean the print head, check the nozzles, and repeat the process as necessary.

If you don't see any improvement after cleaning the print head up to 4 times, leave the product turned on and wait at least 6 hours. Then try cleaning the print head again. If quality still does not improve, the ink cartridge may be old or damaged and needs to be replaced.

Parent topic: [Print Head Nozzle Check](#)

Related tasks

[Cleaning the Print Head Using the Product Control Panel](#)

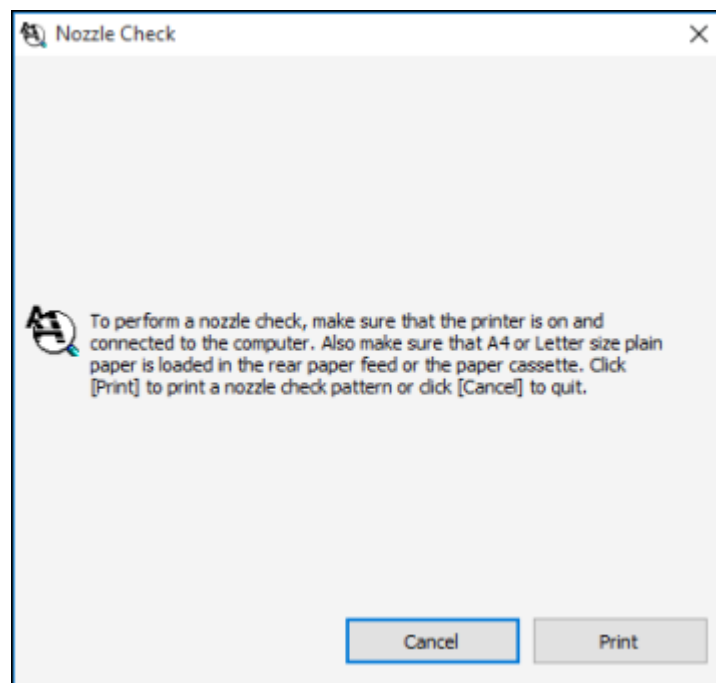
[Removing and Installing the Ink Cartridge](#)

Checking the Nozzles Using a Computer Utility

You can check the print head nozzles using a utility on your Windows or Mac computer.

1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.
3. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the product icon in the Windows taskbar.
 - **OS X:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Nozzle Check**.

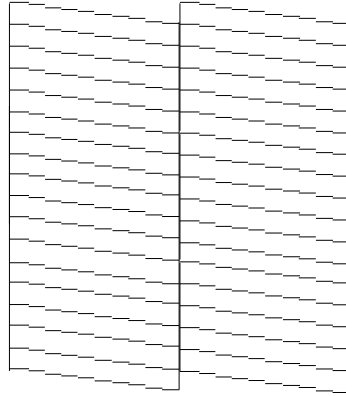
You see a window like this:



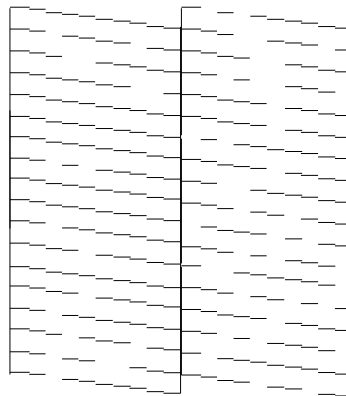
5. Click **Print**.

6. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



7. If there are no gaps, click **Finish**.

If there are gaps or the pattern is faint, clean the print head.

Parent topic: [Print Head Nozzle Check](#)

Related tasks

[Cleaning the Print Head Using a Computer Utility](#)

Print Head Cleaning

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head.

Note: You cannot clean the print head if the ink cartridge is expended, and may not be able to clean it when the cartridge is low. You must replace the cartridge first.

[Cleaning the Print Head Using the Product Control Panel](#)

[Cleaning the Print Head Using a Computer Utility](#)

Parent topic: [Print Head Maintenance](#)

Related tasks

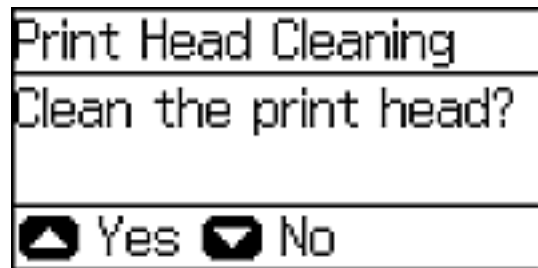
[Removing and Installing the Ink Cartridge](#)

Cleaning the Print Head Using the Product Control Panel

You can clean the print head using the control panel on your product.

1. Make sure plain paper is loaded in Cassette 1.
2. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
3. Press the down arrow button, select **Maintenance**, and press the **OK** button.
4. Press the down arrow button, select **Print Head Cleaning**, and press the **OK** button.

You see this screen:



5. Press the up arrow button.

When the cleaning cycle is finished, you see a message on the screen.

Caution: Never turn off the product during a cleaning cycle or you may damage it.

6. Select **Print Nozzle Check Pattern** and press the **OK** button.
7. Press the up arrow button.
8. Press the down arrow button, select **Finish**, and press the **OK** button to confirm that the print head is clean.

If you don't see any improvement after cleaning the print head up to 4 times, leave the product turned on and wait at least 6 hours. Then try cleaning the print head again. If quality still does not improve, the ink cartridge may be old or damaged and needs to be replaced.

Parent topic: [Print Head Cleaning](#)

Related tasks

[Removing and Installing the Ink Cartridge](#)

[Cleaning the Print Head Using a Computer Utility](#)

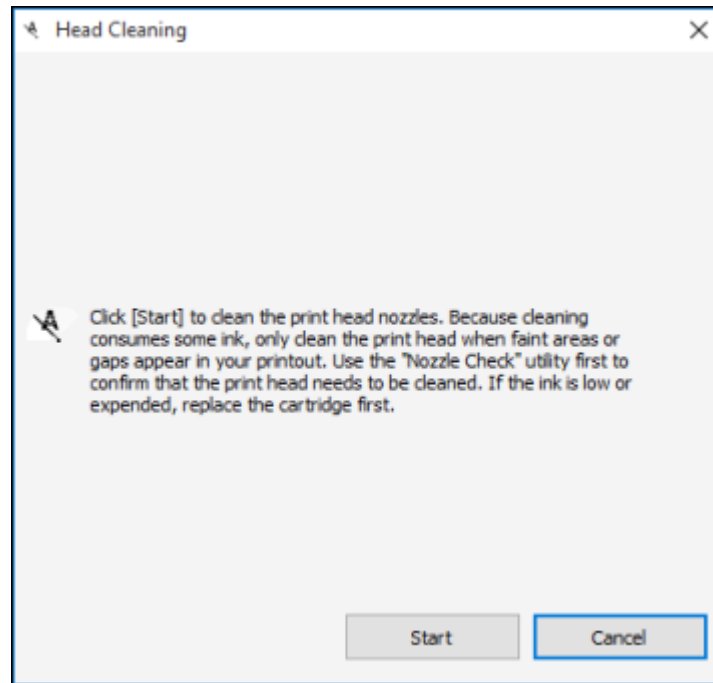
[Checking the Nozzles Using the Product Control Panel](#)

Cleaning the Print Head Using a Computer Utility

You can clean the print head using a utility on your Windows or Mac computer.

1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.
3. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the product icon in the Windows taskbar.
 - **OS X:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Head Cleaning**.

You see a window like this:



5. Click **Start** to begin the cleaning cycle.

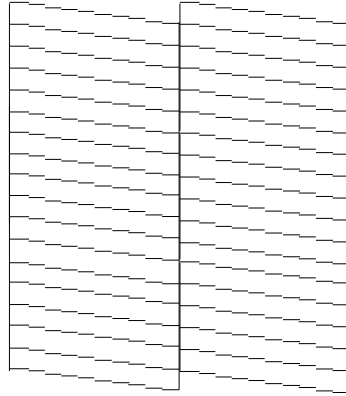
Note: Do not open the front cover during the cleaning cycle.

Caution: Never turn off the product during a cleaning cycle or you may damage it.

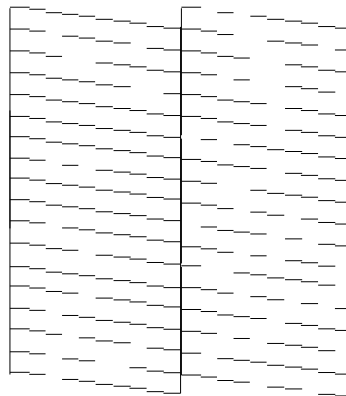
6. When the cleaning cycle is finished, you can check to see if the nozzles are clean; click **Print Nozzle Check Pattern** and click **Print**.

7. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



- If there are no gaps, click **Finish**.
- If there are gaps or the pattern is faint, click **Clean** to clean the print head again.

If you don't see any improvement after cleaning the print head up to 4 times, leave the product turned on and wait at least 6 hours. Then try cleaning the print head again. If quality still does not improve, the ink cartridge may be old or damaged and needs to be replaced.

Parent topic: [Print Head Cleaning](#)

Related tasks

[Removing and Installing the Ink Cartridge](#)

Print Head Alignment

If your printouts become grainy or blurry, you notice misalignment of vertical lines, or you see dark or light horizontal bands, you may need to align the print head.

Note: Banding may also occur if your print head nozzles need cleaning.

[Aligning the Print Head Using the Product Control Panel](#)

[Aligning the Print Head Using a Computer Utility](#)

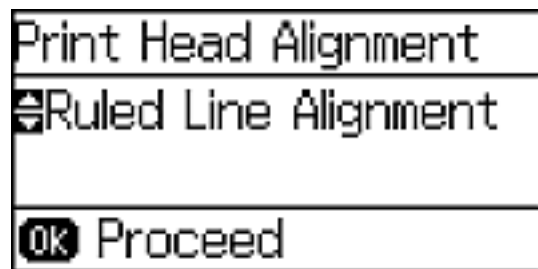
Parent topic: [Adjusting Print Quality](#)

Aligning the Print Head Using the Product Control Panel

You can align the print head using the touch panel on your product.

1. Make sure plain paper is loaded in Cassette 1.
2. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
3. Press the down arrow button, select **Maintenance**, and press the **OK** button.
4. Press the down arrow button, select **Print Head Alignment**, and press the **OK** button.

You see this screen:



5. Do one of the following:
 - If text and lines are misaligned, select **Ruled Line Alignment**, and press the **OK** button.

- If your printouts look blurry or vertical lines are misaligned, select **Vertical Alignment**, and press the **OK** button.
 - If you see horizontal bands at regular intervals, press the down arrow button, select **Horizontal Alignment**, and press the **OK** button.
6. Press the up arrow button to print an alignment sheet.

Note: Do not cancel printing while you are printing head alignment patterns.

After the alignment sheet is printed, you see a series of screens asking you to select the best square in each pattern set.

7. Check the printed patterns, then choose the number representing the best square for each set and press the **OK** button.
8. After you have selected the number for all the sets, press the **OK** button.

Parent topic: [Print Head Alignment](#)

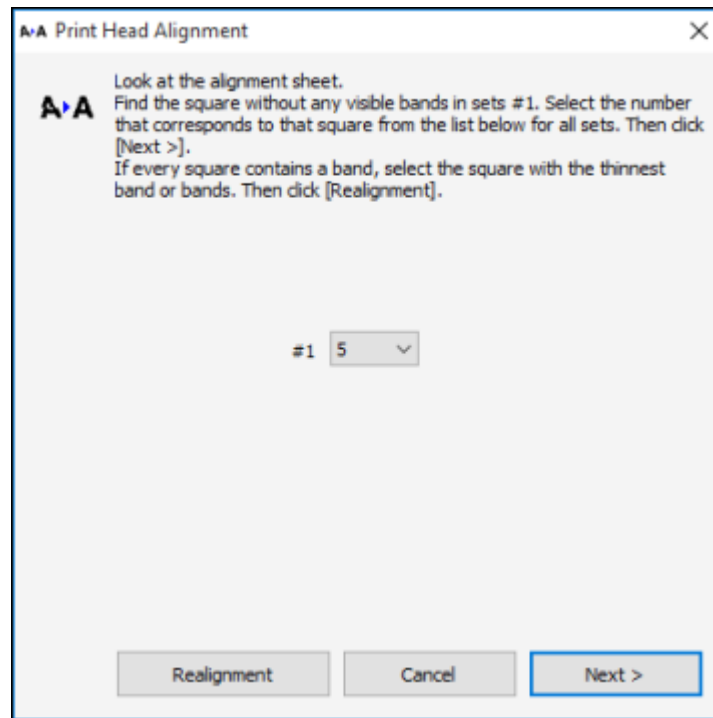
Aligning the Print Head Using a Computer Utility

You can align the print head using a utility on your Windows or Mac computer.

1. Load a few sheets of plain paper in the product.
2. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the product icon in the Windows taskbar.
 - **OS X:** In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
3. Select **Print Head Alignment**.
4. Click **Next**, then click **Print** to print an alignment sheet.

Note: Do not cancel printing while you are printing a head alignment pattern.

You see a window like this:



5. Check the printed pattern and follow the instructions on the screen to choose the number of the best printed pattern for each set.
 - After choosing a pattern number, click **Next**.
 - If no patterns are aligned in one or more of the sets, choose the closest one in each set and click **Realignment**. Then print another alignment sheet and check it.

Note: Click **Skip** (where available) if you want to skip a particular alignment sheet.

6. When you are done, click **Finish**.

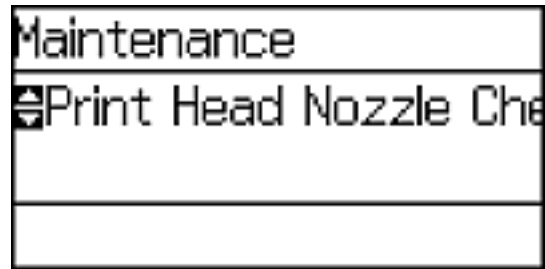
Parent topic: [Print Head Alignment](#)

Cleaning the Paper Guide

If you see ink on the back of a printout, you can clean the paper guide rollers to remove any excess ink.

1. Load a few sheets of plain paper in the product.
2. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
3. Press the down arrow button, select **Maintenance**, and press the **OK** button.

You see this screen:



4. Press the down arrow button, select **Paper Guide Cleaning**, and press the **OK** button.
5. Select the cassette or rear paper feed and press the **OK** button.
6. Press the up arrow button.
7. Check the back of the ejected paper to see if it is clean.
8. Repeat as necessary until the paper comes out clean.

Parent topic: [Adjusting Print Quality](#)

Cleaning and Transporting the Product

If your product gets dirty or you need to move it some distance, follow the instructions in these sections.

[Cleaning the Product](#)

[Transporting Your Product](#)

Cleaning the Product

To keep your product working at its best, you should clean it several times a year.

Caution: Do not use a hard brush, benzene, alcohol, or paint thinner to clean the product or you may damage it. Do not place anything on top of the cover or use the cover as a writing surface, or it could get permanently scratched. Do not use oil or other lubricants inside the product or let water get inside.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Remove all the paper from the product.
5. Clean the paper cassette or cassettes using a soft brush.
6. Clean the outer case with a soft cloth dampened with a mild detergent.

Note: Close the rear paper feed slot and output tray when you are not using the product.

Parent topic: [Cleaning and Transporting the Product](#)

Transporting Your Product

If you need to store your product or transport it a long distance, prepare it for transportation as described here.

Caution: During transportation and storage, follow these guidelines:

- Avoid tilting the product, placing it vertically, or turning it upside down; otherwise, ink may leak.
- Leave the ink cartridge installed. Removing the cartridge can dry out the print head and may prevent the product from printing.

Note: Before storing your product for a long period, replace low, expended, or expired ink to help prevent the print head from drying out. Store your product in a cool, dry place.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Remove all the paper from the product.
5. Close the rear paper feeder and the output tray.
6. Place the product in its original packing materials, if possible, or use equivalent materials with cushioning around the product. Make sure the box adequately protects the product control panel.

Keep the product level during transportation. If print quality has declined when you print again, clean and align the print head.

Parent topic: [Cleaning and Transporting the Product](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Alignment](#)

Solving Problems

Check these sections for solutions to problems you may have using your product.

[Checking for Software Updates](#)

[Product Status Messages](#)

[Running a Product Check](#)

[Resetting Control Panel Defaults](#)

[Solving Setup Problems](#)

[Solving Network Problems](#)

[Solving Paper Problems](#)

[Solving PCL/PostScript Problems](#)

[Solving Problems Printing from a Computer](#)

[Solving Page Layout and Content Problems](#)

[Solving Print Quality Problems](#)

[Uninstall Your Product Software](#)

[Where to Get Help](#)

Checking for Software Updates

Periodically, it's a good idea to check Epson's support website for free updates to your product software. Visit the driver download site at ([U.S. downloads](#) or [Canadian downloads](#)).

- **Windows:** Your printer software automatically checks for updates. You can also manually update the software by selecting **Software Update** here:
 - Accessing the Windows Desktop and right-clicking the product icon in the Windows taskbar
 - On the **Maintenance** tab in the printer settings window

You can also update the software by selecting **EPSON Software Updater** in the **EPSON** or **EPSON Software** program group, accessible by the **Start** button, or on the **Start** or **Apps** screens, depending on your version of Windows.

- **OS X:** You can manually update the software by opening the **Applications > Epson Software** folder and selecting **EPSON Software Updater**.

Parent topic: [Solving Problems](#)

Product Status Messages

You can often diagnose problems with your product by checking the messages on its LCD screen.

Note: If the screen is dark, press a button to wake the product from sleep mode.

LCD screen message	Condition/solution
Paper Jam	If paper is jammed in the product, follow the instructions in this guide to remove the jammed paper from the indicated area.
Printer Error	A serious error has occurred. Turn the product off and then back on again. If the error continues, check for a paper jam. If there is no paper jam, contact Epson for support.
You need to replace the ink cartridge.	Replace the ink cartridge.
Memory full.	The size of the print job is too large. Lower the print quality or resolution, change the format setting, or reduce the number of images or fonts in the print job.
Invalid IP address and subnet mask.	There is a problem with the network connection to your product.
Recovery mode	An error has occurred during firmware updating. Connect your product using a USB cable and try downloading the Firmware Update from Epson's support website. If you still need help, contact Epson for support.

Parent topic: [Solving Problems](#)

Related references

[Paper Jam Problems Inside the Product](#)

[Paper Jam Problems in the Cassette](#)

[Paper Jam Problems in the Duplexer \(Rear Cover\)](#)

[Where to Get Help](#)

Related tasks

[Checking for Software Updates](#)

Related topics

[Replacing the Ink Cartridge and Maintenance Box](#)

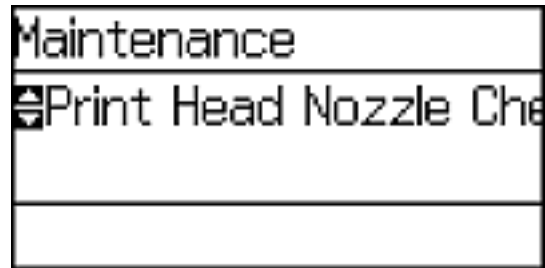
[Wi-Fi or Wired Networking](#)

Running a Product Check

Running a product check helps you determine if your product is operating properly.

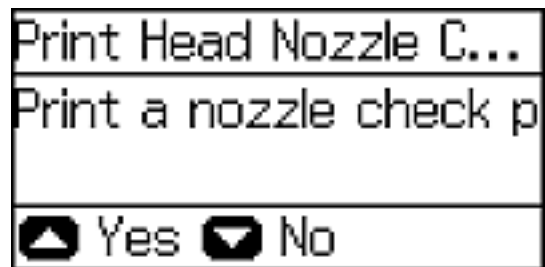
1. Disconnect any interface cables connected to your product.
2. Make sure plain paper is loaded in Cassette 1.
3. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
4. Press the down arrow button, select **Maintenance**, and press the **OK** button.

You see this screen:



5. Select **Print Head Nozzle Check**.

You see a screen like this:



6. Press the up arrow button.
The nozzle pattern prints.

7. Do one of the following, depending on the results of the product check:
 - If the page prints and the nozzle check pattern is complete, the product is operating properly. Any operation problem you may have could be caused by your computer, cable, software, or selected settings. Check the other solutions in this book or try uninstalling and reinstalling your printer software.
 - If the page prints but the nozzle check pattern has gaps, clean or align the print head.
 - If the page does not print, the product may have a problem. Check the other solutions in this manual. If they do not work, contact Epson.

Parent topic: [Solving Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Alignment](#)

[Uninstall Your Product Software](#)

Related references

[Where to Get Help](#)

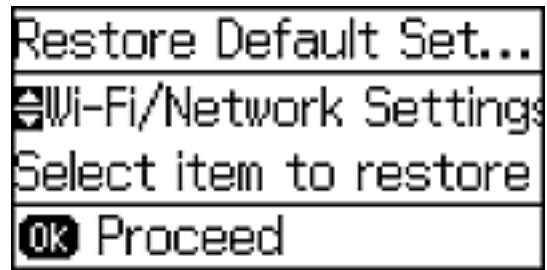
Resetting Control Panel Defaults

If you have a problem with settings on the product control panel, you can reset them to their factory defaults. You can choose which settings to reset or reset them all.

Note: This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the up or down arrow buttons, select **Menu**, and press the **OK** button.
2. Press the down arrow button, select **System Administration**, and press the **OK** button. Enter the administrator password, if necessary.
3. Press the down arrow button, select **Restore Default Settings**, and press the **OK** button.

You see this screen:



4. Select one of these options:
 - **Wi-Fi/Network Settings:** Resets all network settings.
 - **Clear All Data and Settings:** Resets all control panel settings.

You see a confirmation screen.

5. Select the up arrow button to reset the selected settings. (Press the down arrow button if you want to cancel the operation.)

Parent topic: [Solving Problems](#)

Solving Setup Problems

Check these sections if you have problems while setting up your product.


[Noise After Ink Installation](#)

[Software Installation Problems](#)

Parent topic: [Solving Problems](#)

Noise After Ink Installation

If you hear noises from your product after installing the ink cartridge, try these solutions:

- The first time you install the ink cartridge, the product must charge its print head. Wait until charging finishes before you turn off the product, or it may charge improperly and use excess ink the next time you turn it on. Your product is finished charging the print head when the  power light stops flashing.
- If the product's print head stops moving or making noise, and the charging process has not finished after 6 minutes, turn off your product. Turn it back on and check to see if charging is still in progress. If it is still in progress, contact Epson for help.

Parent topic: [Solving Setup Problems](#)

Software Installation Problems

If you have problems while installing your product software, try these solutions:

- Make sure your product is turned on and any necessary cables are securely connected at both ends. If you still have problems installing software, disconnect the cable and carefully follow the instructions on the *Start Here* sheet. Also make sure your system meets the requirements for your operating system.
- Close any other programs, including screen savers and virus protection software, and install your product software again.
- In Windows, make sure your product is selected as the default printer and the correct port is shown in the printer properties.
- If you see any error message or your software does not install correctly in Windows, you may not have software installation privileges. Contact your System Administrator.

Parent topic: [Solving Setup Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Related references

[Windows System Requirements](#)

[OS X System Requirements](#)

Solving Network Problems

Check these solutions if you have problems setting up or using your product on a network.

Note: Breakdown or repair of this product may cause loss of network data and settings. Epson is not responsible for backing up or recovering data and settings during or after the warranty period. We recommend that you make your own backup or print out your network data and settings.

[Product Cannot Connect to a Wireless Router or Access Point](#)

[Network Software Cannot Find Product on a Network](#)

[Product Does Not Appear in OS X Printer Window](#)

[Cannot Print Over a Network](#)

Parent topic: [Solving Problems](#)

Product Cannot Connect to a Wireless Router or Access Point

If your product has trouble finding or connecting to a wireless router or access point, try these solutions:

- If you are connecting the product via Wi-Fi Protected Setup (WPS) and the Wi-Fi icon on your product's LCD screen is not lit or does not appear, make sure you select one of the WPS options from the product control panel within 2 minutes of pressing the WPS button on your router.
- Make sure to place your product within contact range of your 2.4 GHz router or access point. Avoid placing your product near a microwave oven, 2.4 GHz cordless phone, or large metal object, such as a filing cabinet.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

- Verify that your router or access point is operating correctly by connecting to it from your computer or another device.
- You may need to disable the firewall and any anti-virus software on your wireless router or access point.
- Check to see if access restrictions, such as MAC address filtering, are set on the router or access point. If access restrictions are set, add your product's MAC address to your router's address list. To obtain your product's MAC address, print a network status sheet. Then follow the instructions in your router or access point documentation to add the address to the list.
- If your router or access point does not broadcast its network name (SSID), follow the instructions that came with your product to enter your wireless network name manually.
- If your router or access point has security enabled, determine the kind of security it is using and any required password or passphrase for connection. Then make sure to enter the exact WEP key or WPA passphrase correctly.
- Check if your computer is restricting the available wireless channels. If so, verify that your wireless access point is using one of the usable channels and change to a usable channel, if necessary.
- If you are using a Wi-Fi Direct connection that suddenly disconnects, the Wi-Fi direct password on your device may have been changed. If necessary, delete the existing **DIRECT-xxxxxxx** connection settings from your device and enter a new password. See your device documentation for instructions.
- If you connected your product to a Windows computer using Wi-Fi Direct and it automatically selected Access Point Mode, you may have trouble accessing a low-priority Internet connection. Check the

network connection or adapter settings in the Windows Control Panel and set the **Internet metric** setting to **100** for your version of the Internet Protocol.

Parent topic: [Solving Network Problems](#)

Related concepts

[Wi-Fi Direct Mode Setup](#)

Related tasks

[Printing a Network Status Sheet](#)

[Selecting Wireless Network Settings From the Control Panel](#)

Related topics

[Wi-Fi or Wired Networking](#)

Network Software Cannot Find Product on a Network

If EpsonNet Setup cannot find your product on a network, try these solutions:

- Make sure your product is turned on and connected to your network. Verify connection using your product control panel.
- Check if your network name (SSID) contains non-ASCII characters. Your product cannot display non-ASCII characters.
- Make sure your product is not connected to a guest network.
- If necessary, reinstall your product software and try running EpsonNet Setup again:
 1. Reset your product's network settings to their factory defaults.
 2. Windows only: uninstall your product software.
 3. Initialize your router following the instructions in your router documentation.

Note: If you are reading these instructions online, you will lose your Internet connection when you initialize your router, so note the next step before initializing it.

4. Download your product software from the Epson website using the instructions on the *Start Here* sheet.
- If you have replaced your router, reinstall your product software to connect to the new router.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home

Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

Parent topic: [Solving Network Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Related topics

[Wi-Fi or Wired Networking](#)

Product Does Not Appear in OS X Printer Window

If your product does not appear in the OS X printer window, try these solutions:

- Turn your product off, wait 30 seconds, then turn it back on again.
- If you are connecting the product via Wi-Fi Protected Setup (WPS) and the Wi-Fi icon does not appear on your product's LCD screen, make sure you select one of the WPS options from the product control panel within 2 minutes of pressing the WPS button on your router.
- If you are connecting the product wirelessly via EpsonNet Setup and the Wi-Fi icon does not appear on your LCD screen, make sure your product software was installed correctly. If necessary, reinstall your software.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

Parent topic: [Solving Network Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Cannot Print Over a Network

If you cannot print over a network, try these solutions:

- Make sure that your product is turned on.
- Make sure you install your product's network software as described in your product documentation.
- Print a network status sheet and verify that the network settings are correct. If the network status is **Disconnected**, check any cable connections and turn your product off and then on again.

- If you are using TCP/IP, make sure the product's IP address is set correctly for your network. If your network does not assign IP addresses using DHCP, set the IP address manually.
- Make sure your computer and product are both using the same wireless network.
- If network printing is slow, print a network status sheet and check the signal strength. If it is poor, place your product closer to your router or access point. Avoid placing your product near a microwave oven, 2.4 GHz cordless phone, or large metal object, such as a filing cabinet.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. See your router documentation for instructions.

- Check to see if your wireless router or access point has an enabled Privacy Separator function that is preventing printing from a device over the network. See your router or access point documentation for instructions on disabling the Privacy Separator function.
- If you are connecting the product via Wi-Fi Protected Setup (WPS) and the Wi-Fi icon does not appear on your product's LCD screen, make sure you select one of the WPS options from the product control panel within 2 minutes of pressing the WPS button on your router.
- Check your wired LAN router or access point to see if the LED for the port to which your product is connected is on or flashing. If the link LED is off, try the following:
 - Make sure the Ethernet cable is securely connected to your product and to your router, access point, switch, or hub.
 - Try connecting your product to a different port or a different router, access point, switch, or hub.
 - Try connecting with a different Ethernet cable.
 - Try printing to your product from another computer on the network.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. See your router documentation for instructions.

- If you are connecting the product via EpsonNet Setup and the Wi-Fi icon does not appear on the LCD, make sure your product software was installed correctly. If necessary, reinstall your software.

Parent topic: [Solving Network Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Related tasks

[Printing a Network Status Sheet](#)

Related topics

[Wi-Fi or Wired Networking](#)

Solving Paper Problems

Check these sections if you have problems using paper with your product.

[Paper Feeding Problems](#)

[Paper Jam Problems Inside the Product](#)

[Paper Jam Problems in the Cassette](#)

[Paper Jam Problems in the Duplexer \(Rear Cover\)](#)

[Paper Ejection Problems](#)

Parent topic: [Solving Problems](#)

Paper Feeding Problems

If you have problems feeding paper, try these solutions:

- If paper does not feed for printing, remove it from the rear feed slot or cassette. Reload it, then adjust the edge guides. Make sure the paper stack is not above the tab on the edge guides inside the cassette or rear feed slot.
- Be sure to insert the paper cassette all the way into your product.
- If multiple pages feed at once, remove the paper, fan the edges to separate the sheets, and reload it.
- Do not load more than the recommended number of sheets.
- Make sure your paper meets the specifications for your product.
- If paper jams when you print on both sides of the paper, try loading fewer sheets.
- For best results, follow these guidelines:
 - Use new, smooth, high-quality paper that is not curled, creased, old, too thin, or too thick.
 - Load paper in the cassette printable side down.
 - Do not load binder paper with holes in the cassette.
 - Follow any special loading instructions that came with the paper.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper Jam Problems Inside the Product](#)

[Paper Jam Problems in the Cassette](#)

[Paper Jam Problems in the Duplexer \(Rear Cover\)](#)

[Paper Loading Capacity](#)

[Paper Specifications](#)

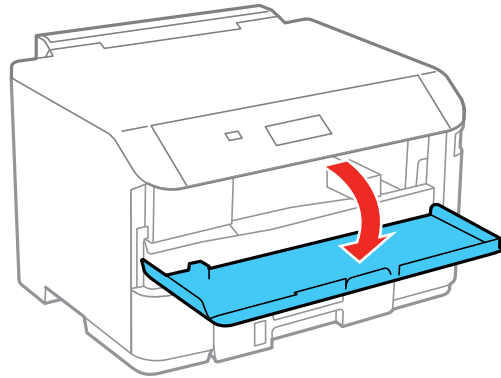
Related topics

[Loading Paper](#)

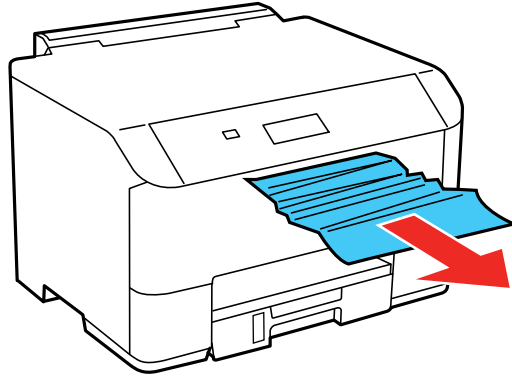
Paper Jam Problems Inside the Product

If paper has jammed inside the product, follow the steps here to clear the jam.

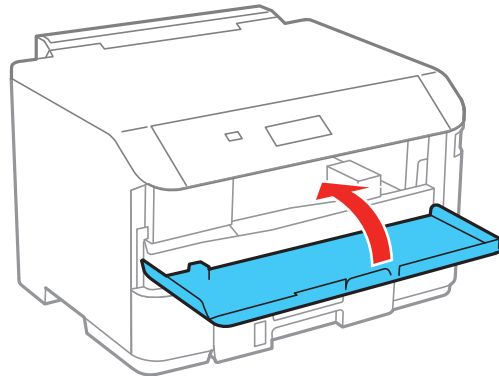
1. Cancel the print job from your computer, if necessary.
2. Open the front cover.



3. Remove any paper inside, including torn pieces.



4. Close the front cover.



5. If any jammed paper remains near the output tray, carefully remove it.

6. Follow the prompts on the LCD screen to clear any error messages. If you still see a paper jam message, check the other paper jam solutions.

Parent topic: [Solving Paper Problems](#)

Related references

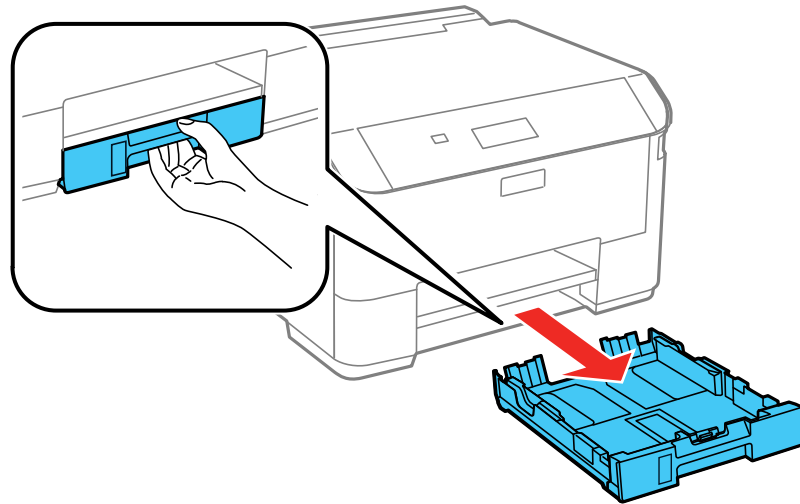
[Paper Jam Problems in the Cassette](#)

[Paper Jam Problems in the Duplexer \(Rear Cover\)](#)

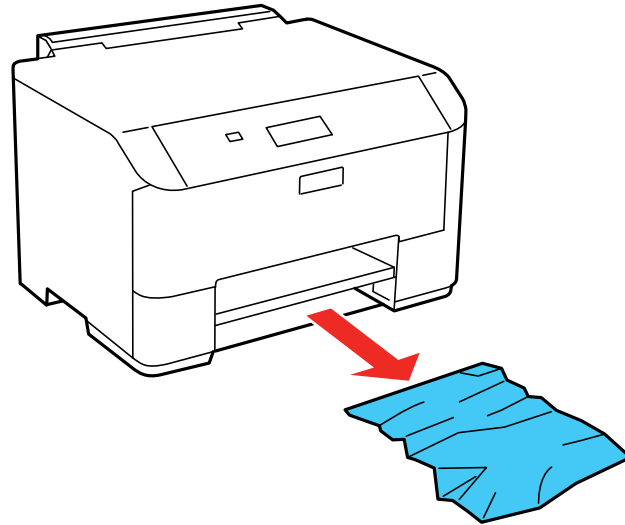
Paper Jam Problems in the Cassette

If paper has jammed in the cassette, follow the steps here to clear the jam.

1. Cancel the print job, if necessary.
2. Close the output tray.
3. Pull out the paper cassette.

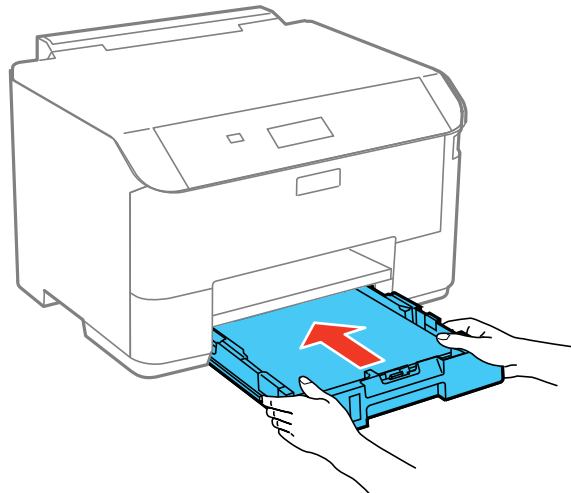


4. Carefully remove any paper jammed inside the product.



5. Carefully follow all paper loading instructions and reload the paper.

6. Keep the cassette flat as you gently insert it.



7. Follow the prompts on the LCD screen to clear any error messages. If you still see a paper jam message, check the other paper jam solutions.

Parent topic: [Solving Paper Problems](#)

Related references

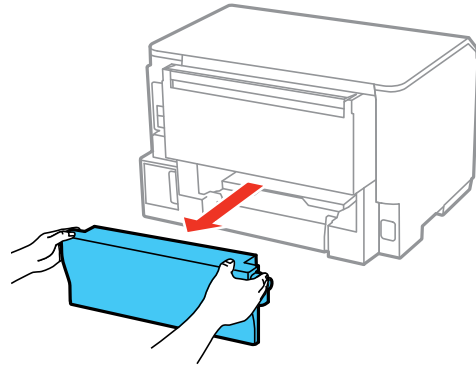
[Paper Jam Problems Inside the Product](#)

[Paper Jam Problems in the Duplexer \(Rear Cover\)](#)

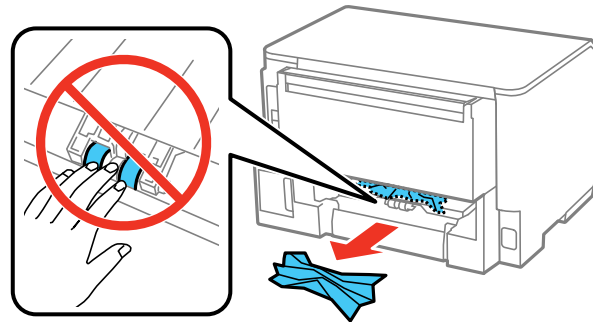
Paper Jam Problems in the Duplexer (Rear Cover)

If paper has jammed in the duplexer, follow the steps here to clear the jam.

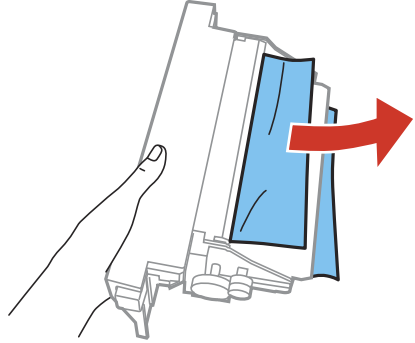
1. Cancel the print job from your computer, if necessary.
2. Press the buttons on the sides of the rear cover and remove it.



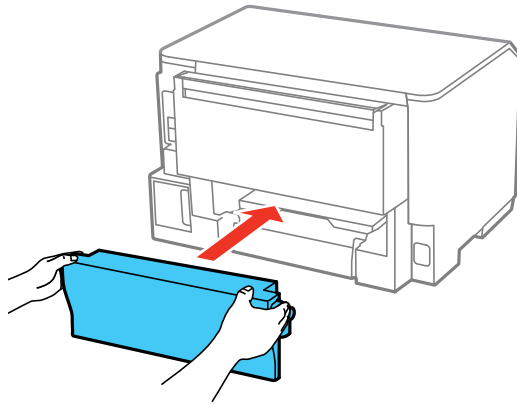
3. Carefully remove any jammed paper.



4. Remove any jammed paper from the duplexer.



5. Press the buttons on the rear cover as you reattach it.



6. Follow the prompts on the LCD screen to clear any error messages. If you still see a paper jam message, check the other paper jam solutions.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper Jam Problems in the Cassette](#)

[Paper Jam Problems Inside the Product](#)

Paper Ejection Problems

If you have problems with paper ejecting properly, try these solutions:

- If paper does not eject fully, you may have set the wrong paper size. Cancel printing to eject the paper. Select the correct paper size when you reprint.
- If paper is wrinkled when it ejects, it may be damp or too thin. Load new paper and be sure to select the correct paper type setting when you reprint.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper Jam Problems Inside the Product](#)

[Paper Jam Problems in the Cassette](#)

[Paper Jam Problems in the Duplexer \(Rear Cover\)](#)

[Paper Type Settings - Control Panel](#)

Related tasks

[Cancelling Printing Using a Product Button](#)

Related topics

[Loading Paper](#)

Solving PCL/PostScript Problems

Check these sections if you have problems with the PCL or PostScript printer software.

[Nothing Prints Using the PCL/Postscript Printer Software](#)

[Settings Are Missing from the PCL or PostScript Printer Software](#)

Parent topic: [Solving Problems](#)

Nothing Prints Using the PCL/Postscript Printer Software

If your document doesn't print, try these solutions:

- Make sure your product is turned on and properly connected.
- Check your product's control panel for error messages. The PCL and PostScript printing software will not display any error messages on your computer screen if a printing error occurs.
- Make sure your product is selected as the printer in your printing program.

Parent topic: [Solving PCL/PostScript Problems](#)

Settings Are Missing from the PCL or PostScript Printer Software

If certain settings are missing or incorrect in the PCL or PostScript printer software, try these solutions:

- Make sure your product is selected in the PCL printer software.
- If you are using the product as a laser printer replacement and have not installed Epson printer software, certain options and functions may not be available. Install the standard Epson, PCL, or PostScript printer software to access additional settings and features.

Parent topic: [Solving PCL/PostScript Problems](#)

Solving Problems Printing from a Computer

Check these sections if you have problems while printing from your computer.

Note: For problems while printing with the Epson Universal Print Driver or PostScript (PS3) printer software, see the sections covering that software in this manual.

[Nothing Prints](#)

[Product Icon Does Not Appear in Windows Taskbar](#)

[Printing is Slow](#)

Parent topic: [Solving Problems](#)

Nothing Prints

If you have sent a print job and nothing prints, try these solutions:

- Make sure your product is turned on.
- Make sure any interface cables are connected securely at both ends.
- If you connected your product to a USB hub, make sure it is a first-tier hub. If it still does not print, connect your product directly to your computer instead of the hub.
- Run a product check to see if a test page prints. If the test page prints, check to see if your product software is installed correctly.
- In Windows, make sure your product is selected as the default printer.
- In Windows, delete all jobs from the Windows Spooler. Click **Print Queue** on the Maintenance tab in the printer settings window, and cancel and stalled print jobs.




Parent topic: [Solving Problems Printing from a Computer](#)

Related tasks

[Running a Product Check](#)

Product Icon Does Not Appear in Windows Taskbar

If you do not see your product icon in the Windows taskbar, first try restarting your computer. If that does not work, try this solution:

1. Do one of the following:
 - **Windows 10:** Right-click  and select **Control Panel > Hardware and Sound > Devices and Printers**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**.
 - **Windows 7:** Click  and select **Devices and Printers**.
 - **Windows Vista:** Click , select **Control Panel**, and click **Printer** under **Hardware and Sound**.
 - **Windows XP:** Click **Start** and select **Printers and Faxes**. (Or open the **Control Panel**, select **Printers and Other Hardware**, if necessary, and **Printers and Faxes**.)
2. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.
3. Click the **Maintenance** tab.
4. Click the **Monitoring Preferences** button.
5. Click the checkbox for the option that adds the shortcut icon to the taskbar.
6. Click **OK** to close the open program windows.

Parent topic: [Solving Problems Printing from a Computer](#)

Printing is Slow

If printing becomes slow, try these solutions:

- Make sure your system meets the requirements for your operating system. If you are printing a high-resolution image, you may need more than the minimum requirements. If necessary, increase your system's memory.
- If you are using Windows 7, close the **Devices and Printers** window before you print.
- Clear space on your hard drive or run a defragmentation utility to free up existing space.
- Close any programs you are not using when you print.

- If your product is connected to a USB hub, connect it directly to your computer instead.
- If printing becomes slower after printing continuously for a long time, the product may have automatically slowed down to protect the print mechanism from overheating or becoming damaged. Let the product rest with the power on for 30 minutes, then try printing again.

For the fastest printing, select the following settings in your product software:

- Make sure the paper type setting matches the type of paper you loaded.
- Turn on any high speed settings in your product software.
- Select a lower print quality setting.
- Make sure the ink drying time has not been increased for double-sided printing.
- **Windows:** Click the **Maintenance** or **Utility** tab, select **Extended Settings** or **Speed and Progress**, and select the following settings:
 - **Always Spool RAW Datatype**
 - **Page Rendering Mode**
 - **Print as Bitmap**

Parent topic: [Solving Problems Printing from a Computer](#)

Related references

[Paper Type Settings - Control Panel](#)

[Windows System Requirements](#)

[OS X System Requirements](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Extended Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

Solving Page Layout and Content Problems

Check these sections if you have problems with the layout or content of your printed pages.

[Inverted Image](#)

[Too Many Copies Print](#)

[Blank Pages Print](#)

[Incorrect Margins on Printout](#)

[Incorrect Characters Print](#)

[Incorrect Image Size or Position](#)

[Slanted Printout](#)

Parent topic: [Solving Problems](#)

Inverted Image

If your printed image is inverted unexpectedly, try these solutions:

- Turn off any mirror or inversion settings in your printing application.
- Turn off the **Mirror Image**, **Flip horizontally**, or **Reverse page orientation** settings in your printer software. (This option has different names, depending on your operating system version.)

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - OS X](#)

Too Many Copies Print

Make sure that the **Copies** setting in your printing program or printer software is not set for multiple copies.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - OS X](#)

Blank Pages Print

If blank pages print unexpectedly, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- If a blank page exists in a document you are printing and you want to skip printing it, select the **Skip Blank Page** setting in your printer software.
- Run a print head nozzle check to see if any of the nozzles are clogged. Then clean the print head, if necessary.
- Make sure your product is selected as the printer in your printing program.

Parent topic: [Solving Page Layout and Content Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Extended Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

[Selecting Printing Preferences - OS X](#)

Incorrect Margins on Printout

If your printed page has incorrect margins, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- Make sure you selected the correct margins for your paper size in your printing program.
- Make sure your paper is positioned correctly for feeding into the printer.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

Related topics

[Loading Paper](#)

Incorrect Characters Print

If incorrect characters appear in your prints, try these solutions before reprinting:

- Make sure any cables are securely connected at both ends.
- In Windows, delete all jobs from the Windows Spooler. Click **Print Queue** on the Maintenance tab in the printer settings window, and cancel any stalled print jobs.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If incorrect characters still appear in your prints, try connecting your product using a different cable.

Parent topic: [Solving Page Layout and Content Problems](#)

Incorrect Image Size or Position

If your printed image is the wrong size or in the wrong position, try these solutions:

- Make sure you selected the correct paper size and layout settings in your printing program and printer software.
- Make sure your paper is positioned correctly for feeding into the printer.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Extended Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

[Selecting Printing Preferences - OS X](#)

Slanted Printout

If your printouts are slanted, try these solutions:

- Slide the edge guides against the edges of the paper.
- Select a higher print quality setting in your printer software.
- Turn off any high speed settings in your product software.
- Align the print head.
- Make sure the product is not printing while tilted or at an angle.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

Related topics

[Loading Paper](#)

Solving Print Quality Problems

Check these sections if your printouts have problems with print quality, but your image looks fine on your computer screen.

[White or Dark Lines in Printout](#)

[Blurry or Smearred Printout](#)
[Faint Printout or Printout Has Gaps](#)
[Grainy Printout](#)

Parent topic: [Solving Problems](#)

White or Dark Lines in Printout

If you notice white or dark lines in your prints (also called banding), try these solutions before you reprint:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.
- Turn off any high speed settings in your product software.
- Align the print head.
- You may need to replace the ink cartridge.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

Related references

[Paper Type Settings - Control Panel](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - OS X](#)

Related topics

[Loading Paper](#)

[Replacing the Ink Cartridge and Maintenance Box](#)

Blurry or Smearred Printout

If your printouts are blurry or smearred, try these solutions:

- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.

- Use a support sheet with special paper, or load special paper one sheet at a time.
- Make sure your paper meets the specifications for your product.
- Use Epson papers to ensure proper saturation and absorption of genuine Epson inks.
- Make sure the paper type setting in your product software matches the type of paper you loaded.
- If you are printing on thick paper or envelopes, make sure you select the appropriate settings.
- Remove each sheet from the output tray as it is printed.
- Turn off any high speed settings in your product software.
- If you print on both sides of a sheet of paper, smudges may appear on the reverse side of heavily saturated or dark images. If one side of a sheet will contain a lighter image or text, print that side first.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head.
- Clean the paper path.

Note: Your product will not operate properly while tilted at an angle. Place it on a flat, stable surface that extends beyond the base of the product in all directions.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Alignment](#)

Related references

[Available Epson Papers](#)

[Paper Specifications](#)

Related tasks

[Cleaning the Paper Guide](#)

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - OS X](#)

[Selecting Printing Preferences - OS X](#)

[Selecting Double-sided Printing Settings - Windows](#)

[Selecting Double-sided Printing Settings - OS X](#)

Related topics

[Loading Paper](#)

Faint Printout or Printout Has Gaps

If your printouts are faint or have gaps, try these solutions:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink cartridge may be old or low on ink, and you may need to replace it.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Align the print head.
- Clean the paper path.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

Related references

[Paper Type Settings - Control Panel](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

[Cleaning the Paper Guide](#)

Related topics

[Loading Paper](#)

[Replacing the Ink Cartridge and Maintenance Box](#)

Grainy Printout

If your printouts are grainy, try these solutions:

- Make sure you loaded the printable side of the paper correctly for your product.
- Select a higher print quality setting and turn off any high speed settings in your product software.

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head.
- You may need to increase the image resolution or print a smaller size; see your software documentation.

Note: Images from the Internet may be low resolution and not result in a high quality printout.

- If you enlarged the image in an image-editing program, you need to increase the resolution setting to retain a high image quality. Increase the resolution by the same amount you increased the image size. For example, if the resolution is 300 dpi (dots per inch) and you will double the image size later, change the resolution setting to 600 dpi.

Note: Higher resolution settings result in larger file sizes, which take longer to process and print. Consider the limitations of your computer system when selecting a resolution, and select the lowest possible resolution that produces acceptable quality to keep file sizes manageable.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Head Alignment](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - OS X](#)

[Selecting Additional Layout and Print Options - Windows](#)

Related topics

[Loading Paper](#)

Uninstall Your Product Software

If you have a problem that requires you to uninstall and re-install your software, follow the instructions for your operating system.

[Uninstalling Printing Software - Standard Epson Printer Software - Windows](#)

[Uninstalling Product Software - OS X](#)

Parent topic: [Solving Problems](#)

Uninstalling Printing Software - Standard Epson Printer Software - Windows

You can uninstall and then re-install your printer software to solve certain problems.

Note: You cannot uninstall the PostScript printer software.

1. Turn off the product.
2. Disconnect any interface cables.
3. Do one of the following:
 - **Windows 10:** Right-click  and select **Control Panel > Programs > Programs and Features**. Select the uninstall option for your Epson product, then select **Uninstall/Change**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

Select your product again, if necessary, then select **OK**, and click **Yes** to confirm the uninstallation.

- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Programs > Programs and Features**. Select the uninstall option for your Epson product, then select **Uninstall/Change**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

In the next window, select your product, if necessary, and click **OK**. Then follow any on-screen instructions.

- **Windows (other versions):** Click  or **Start**, and select **All Programs** or **Programs**. Select **Epson**, select your product, then click **EPSON Printer Software Uninstall**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

In the next window, select your product, if necessary, and click **OK**. Then follow any on-screen instructions.

4. Restart your computer, then re-install your software.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

Parent topic: [Uninstall Your Product Software](#)

Uninstalling Product Software - OS X

In most cases, you do not need to uninstall your product software before re-installing it. However, you can download the Uninstaller utility from the Epson support website to uninstall your product software as described here.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

1. To download the Uninstaller utility, visit the Epson download site ([U.S. downloads](#) or [Canadian downloads](#)).
2. Follow the instructions on the screen to install the Uninstaller utility.
3. Quit all applications currently running on your Mac.
4. Double-click the **Uninstaller** icon.
5. Select the checkbox for each software program you want to uninstall.
6. Click **Uninstall**.
7. Follow the on-screen instructions to uninstall the software.
8. Reinstall your product software.

Note: If you uninstall the printer driver and your product name remains in the **Print & Fax**, **Print & Scan**, or **Printers & Scanners** window, select your product name and click the – (remove) icon to remove it.

Parent topic: [Uninstall Your Product Software](#)

Where to Get Help

If you need to contact Epson for technical support services, use the following support options.

Internet Support

Visit Epson's support website at epson.com/support (U.S.) or epson.ca/support (Canada) for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name
- Product serial number (located on a label on the product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call:

- U.S.: (562) 276-7202, 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday
- Canada: (905) 709-2567, 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday

Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Purchase Supplies and Accessories

You can purchase genuine Epson ink and paper at epson.com/ink3 (U.S. sales) or epson.ca (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766).

Parent topic: [Solving Problems](#)

Technical Specifications

These sections list the technical specifications for your product.

Note: Epson offers a recycling program for end of life Epson products. Please go to [this site](#) for information on how to return your Epson products for proper disposal.

[Windows System Requirements](#)

[OS X System Requirements](#)

[Paper Specifications](#)

[Printable Area Specifications](#)

[Ink Cartridge Specifications](#)

[Dimension Specifications](#)

[Electrical Specifications](#)

[Environmental Specifications](#)

[Interface Specifications](#)

[Network Interface Specifications](#)

[Safety and Approvals Specifications](#)

[PostScript Fonts](#)

[PCL Fonts](#)

[Symbol Sets](#)

Windows System Requirements

To use your product and its software, your computer should use one of these Microsoft operating systems:

- Windows 10
- Windows 8.x
- Windows 7
- Windows Vista
- Windows XP Professional x64 Edition
- Windows XP SP3
- Windows Server 2012R2

- Windows Server 2012
- Windows Server 2008R2
- Windows Server 2008
- Windows Server 2003R2
- Windows Server 2003

Note: Visit Epson's support website at epson.com/support (U.S.) or epson.ca/support (Canada) for the latest in compatibility and drivers for your product.

Parent topic: [Technical Specifications](#)

OS X System Requirements

To use your product and its software, your Mac should use one of these operating systems:

- OS X 10.11.x
- OS X 10.10.x
- OS X 10.9.x
- OS X 10.8.x
- OS X 10.7.x
- OS X 10.6.8

Note: Visit Epson's support website at epson.com/support (U.S.) or epson.ca/support (Canada) for the latest in compatibility and drivers for your product.

Parent topic: [Technical Specifications](#)

Paper Specifications

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single-sheets

Size

A4 (8.3 × 11.7 inches [210 × 297 mm])

A6 (4.1 × 5.8 inches [105 × 148 mm])

Letter (8.5 × 11 inches [216 × 279 mm])

Legal (8.5 × 14 inches [216 × 356 mm])

4 × 6 inches (102 × 152 mm)

5 × 7 inches (127 × 178 mm)

8 × 10 inches (203 × 254 mm)

3.5 × 5 inches (89 × 127 mm)

16:9 wide (4 × 7.1 inches [102 × 181 mm])

Half Letter (5.5 × 8.5 inches [140 × 216 mm])

Paper types

Plain paper and paper distributed by Epson

Weight

Plain paper: 17 lb (64 g/m²) to 24 lb (90 g/m²)

Thick paper: 25 lb (91 g/m²) to 68 lb (256 g/m²)

Envelopes

Size

No. 10 (4.1 × 9.5 inches [105 × 241 mm])

Paper types

Plain bond paper

Weight

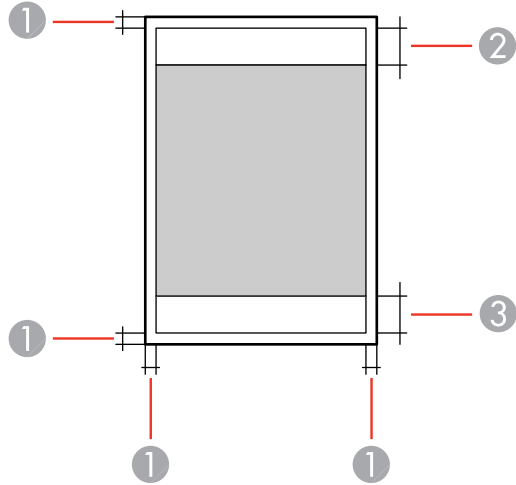
20 lb (75 g/m²) to 24 lb (90 g/m²)

Parent topic: [Technical Specifications](#)

Printable Area Specifications

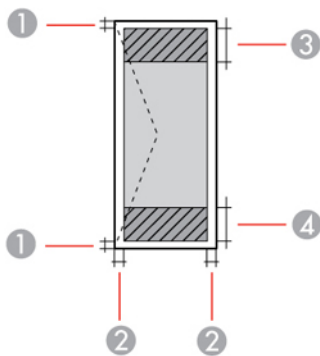
Note: When printing borderless, quality may decline in the expanded printable area.

Single sheets



- 1 Top/bottom/sides: 0.12 inch (3.0 mm) minimum
- 2 Reduced print quality area/top: 1.77 inches (45.0 mm) minimum
- 3 Reduced print quality area/bottom: 1.97 inches (50.0 mm) minimum

Envelopes



- 1 Sides: 0.12 inch (3.0 mm) minimum
- 2 Top/bottom: 0.20 inch (5.0 mm) minimum
- 3 Reduced print quality area/right: 0.71 inch (18.0 mm) minimum
- 4 Reduced print quality area/left: 1.77 inches (45.0 mm) minimum

Parent topic: [Technical Specifications](#)

Ink Cartridge Specifications

Note: This product uses only genuine Epson-brand cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly.

The cartridge included with the printer is designed for printer setup and not for resale. After some ink is used for charging, the rest is available for printing. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on.

Color	Black
Cartridge life	Opened package: 6 months Unopened package: do not use if the date on the package has expired
Temperature	Storage: -4 °F (-20 °C) to 104 °F (40 °C) 1 month at 104 °F (40 °C) Ink freezes at 14 °F (-10 °C) Ink thaws and is usable after 3 hours at 77 °F (25 °C)

Note: For best printing results, use up a cartridge within 6 months of opening the package.

Parent topic: [Technical Specifications](#)

Related references

[Ink Cartridge and Maintenance Box Part Numbers](#)

Dimension Specifications

Height	Stored: 11.2 inches (284 mm) Printing: 15.1 inches (383 mm)
Width	Stored: 18.1 inches (461 mm) Printing: 18.1 inches (461 mm)
Depth	Stored: 16.6 inches (422 mm) Printing: 25.8 inches (655 mm)
Weight (without ink cartridge and power cord)	24.7 lb (11.2 kg)

Parent topic: [Technical Specifications](#)

Electrical Specifications

Power supply rating	100 to 240 V 220 to 240 V
Rated frequency range	50 to 60 Hz
Rated current	100 to 240 V: 0.8 to 0.4 A 220 to 240 V: 0.4 A
Power consumption (100 to 120 V: with USB connection)	Printing: Approx. 25 W (ISO/IEC24712) Ready mode: Approx. 6.2 W Sleep mode: Approx. 2.3 W Power off mode: Approx. 0.4 W
Power consumption (200 to 240 V: with USB connection)	Printing: Approx. 25 W (ISO/IEC24712) Ready mode: Approx. 6.3 W Sleep mode: Approx. 2.4 W Power off mode: Approx. 0.4 W

Parent topic: [Technical Specifications](#)

Environmental Specifications

Temperature	Operating: 50 °F (10 °C) to 95 °F (35 °C) Storage: -4 °F (-20 °C) to 104 °F (40 °C) 1 month at 104 °F (40 °C)
Humidity (without condensation)	Operating: 20 to 80% RH Storage: 5 to 85% RH

Parent topic: [Technical Specifications](#)

Interface Specifications

Interface type	Hi-Speed USB (Device Class for computers)
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Parent topic: [Technical Specifications](#)

Network Interface Specifications

Wi-Fi

Standards	IEEE 802.11 b/g/n
Security	WPA2-PSK (AES); complies with WPA2 standards with support for WPA/WPA2 Personal WPA2-Enterprise WEP (64/128 bit)
Frequency band	2.4 GHz

Communication mode

Infrastructure mode

Ad hoc mode; not supported for IEEE 802.11n

Wi-Fi Direct; not supported for IEEE 802.11b

Note: Wi-Fi Direct Simple AP mode available even if you connect the product to an Ethernet network.**Ethernet****Standards**

IEEE802.3i (10BASE-T)

IEEE802.3u (100BASE-TX)

IEEE802.3ab (1000BASE-T); use a category 5e or higher STP (shielded twisted pair) cable to prevent risk of radio interference

IEEE802.3az (Energy Efficient Ethernet); the connected device should comply with IEEE802.3az standards

Communication mode

Auto, 10Mbps Full duplex, 10Mbps Half duplex, 100Mbps Full duplex, 100Mbps Half duplex

Connector

RJ-45

Security Protocol

IEEE802.1X; connected device must be IEEE802.1X compliant

IPsec/IP Filtering

SSL/TLS: HTTPS Server/Client or IPPS

SNMPv3

Parent topic: [Technical Specifications](#)**Safety and Approvals Specifications****United States**

Safety: UL60950-1

EMC: FCC part 15 Subpart B class B

Canada

Safety: CAN/CSA C22.2 No. 60950-1

EMC: CAN/CSA-CEI/IEC CISPR 22 Class B

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated so that the radiator is kept at least 7.9 inches (20 cm) or more away from a person's body (excluding extremities: hands, wrists, feet and ankles).

Parent topic: [Technical Specifications](#)

PostScript Fonts

Font name	Family	HP equivalent
Nimbus Mono	Medium, Bold, Italic, Bold Italic	Courier
Letter Gothic	Medium, Bold, Italic,	Letter Gothic
Nimbus Mono PS	Regular, Bold, Oblique, Bold Oblique	Courier PS
Nimbus Roman No4	Medium, Bold, Italic, Bold Italic	CG Times
URW Classico	Medium, Bold, Italic, Bold Italic	CG Omega
URW Coronet	—	Coronet
URW Clarendon Condensed	—	Clarendon Condensed
URW Classic Sans	Medium, Bold, Italic, Bold Italic	Univers
URW Classic Sans Condensed	Medium, Bold, Italic, Bold Italic	Univers Condensed
Antique Olive	Medium, Bold, Italic	Antique Olive
Garamond	Antiqua, Halbfett, Kursiv, Kursiv Halbfett	Garamond
Mauritius	—	Marigold
Algiers	Medium, Extra Bold	Albertus
NimbusSansNo2	Medium, Bold, Italic, Bold Italic	Arial
Nimbus Roman No9	Medium, Bold, Italic, Bold Italic	Times New
Nimbus Sans	Medium, Bold, Oblique, Bold Oblique	Helvetica

Font name	Family	HP equivalent
Nimbus Sans Narrow	Medium, Bold, Oblique, Bold Oblique	Helvetica Narrow
Palladio	Roman, Bold, Italic, Bold Italic	Palatino
URW Gothic	Book, Demi, Book Oblique, Demi Oblique	ITC Avant Garde
URW Bookman	Light, Demi, Light Italic, Demi Italic	ITC Bookman
URW Century Schoolbook	Roman, Bold, Italic, Bold Italic	New Century Schoolbook
Nimbus Roman	Medium, Bold, Italic, Bold Italic	Times
URW Chancery Medium Italic	—	ITC Zapf Chancery Italic
Symbol	—	Symbol
URW Dingbats	—	Wingdings
Dingbats	—	ITC Zapf Dingbats
Standard Symbol	—	SymbolPS

Parent topic: [Technical Specifications](#)

PCL Fonts

Scalable Fonts

Font name	Family	HP equivalent	Symbol set
Nimbus Mono	Medium, Bold, Italic, Bold Italic	Courier	1
Letter Gothic	Regular, Bold, Italic,	Letter Gothic	1
Nimbus Mono PS	Regular, Bold, Oblique, Bold Oblique	CourierPS	3
Nimbus Roman No4	Medium, Bold, Italic, Bold Italic	CG Times	2
URW Classico	Medium, Bold, Italic, Bold Italic	CG Omega	3

Font name	Family	HP equivalent	Symbol set
URW Coronet	—	Coronet	3
URW Clarendon Condensed	—	Clarendon Condensed	3
URW Classic Sans	Medium, Bold, Italic, Bold Italic	Univers	2
URW Classic Sans Condensed	Medium, Bold, Italic, Bold Italic	Univers Condensed	3
Antique Olive	Medium, Bold, Italic	Antique Olive	3
Garamond	Antiqua, Halbfett, Kursiv, Kursiv Halbfett	Garamond	3
Mauritius	—	Marigold	3
Algiers	Medium, Extra Bold	Albertus	3
NimbusSansNo2	Medium, Bold, Italic, Bold Italic	Arial	3
Nimbus Roman No9	Medium, Bold, Italic, Bold Italic	Times New	3
Nimbus Sans	Medium, Bold, Oblique, Bold Oblique	Helvetica	3
Nimbus Sans Narrow	Medium, Bold, Oblique, Bold Oblique	Helvetica Narrow	3
Palladio	Roman, Bold, Italic, Bold Italic	Palatino	3
URW Gothic	Book, Demi, Book Oblique, Demi Oblique	ITC Avant Garde	3
URW Bookman	Light, Demi, Light Italic, Demi Italic	ITC Bookman	3
URW Century Schoolbook	Roman, Bold, Italic, Bold Italic	New Century Schoolbook	3
Nimbus Roman	Medium, Bold, Italic, Bold Italic	Times	3

Font name	Family	HP equivalent	Symbol set
URW Chancery Medium Italic	—	ITC Zapf Chancery Italic	3
Symbol	—	Symbol	4
URW DingBats	—	Wingdings	5
Dingbats	—	ITC Zapf Dingbats	6
Standard Symbol	—	SymbolPS	4
URW David	Medium, Bold	HP David	7
URW Narkis	Medium, Bold	HP Narkis Tam	7
URW Miryam	Medium, Bold, Italic	HP Miryam	7
URW Koufi	Medium, Bold	Koufi	8
URW Naskh	Medium, Bold	Naskh	8
URW Ryadh	Medium, Bold	Ryadh	8

Bitmap Font

Line Printer, Symbol set 9

OCR/Barcode Bitmap Font (PCL5 Mode Only)

Font name	Family	Symbol set
OCR A	—	10
OCR B	—	11
Code 39	9.37cpi, 4.68cpi	12
EAN/UPC	Medium, Bold	13

Note: Depending on the print density or quality and color of the paper, the OCR/Barcode Bitmap fonts may not be readable. Print a sample and check for readability before printing large quantities.

Parent topic: [Technical Specifications](#)

Symbol Sets

Your product can access a variety of symbol sets. Many of these symbol sets differ only in the international characters specific to each language.

Note: Since most software handles fonts and symbols automatically, you may never need to adjust your product settings. However, if you write your own product control programs, or if you use older software that cannot control fonts, refer to these tables for details on the symbol sets.

When you consider which font to use, also consider which symbol set to combine with the font. Available symbol sets vary depending on the mode and font you choose.

PCL5 Mode Symbol Sets

Symbol set name	Attribute	Font classification												
		1	2	3	4	5	6	7	8	9	10	11	12	13
ISO 60: Danish/Norwegian	0D	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Roman Extension	0E	—	—	—	—	—	—	—	—	✓	—	—	—	—
ISO 15: Italian	0I	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
ISO 8859/1 Latin 1	0N	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
ISO 11: Swedish	0S	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
ISO 6: ASCII	0U	✓	✓	✓	—	—	—	✓	✓	—	—	—	—	—
ISO 4: United Kingdom	1E	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
ISO 69: French	1F	✓	✓	✓	—	—	—	—	—	—	—	—	—	—

Symbol set name	Attribute	Font classification												
		1	2	3	4	5	6	7	8	9	10	11	12	13
ISO 29: German	1G	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Legal	1U	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
ISO 8859/2 Latin 2	2N	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
ISO 8859/4 Latin 4	4N	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
ISO 17: Spanish	2S	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Roman-9	4U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PS Math	5M	✓	✓	✓	—	—	—	✓	✓	—	—	—	—	—
ISO 8859/9 Latin 5	5N	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
Windows 3.1 Latin 5	5T	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Microsoft Publishing	6J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Ventura Math	6M	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
ISO 8859/10 Latin 6	6N	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
DeskTop	7J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Math-8	8M	✓	✓	✓	—	—	—	✓	✓	—	—	—	—	—
Roman-8	8U	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
Windows 3.1 Latin 2	9E	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Pc1004	9J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—

Symbol set name	Attribute	Font classification												
		1	2	3	4	5	6	7	8	9	10	11	12	13
ISO 8859/15 Latin 9	9N	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
PC-8 Turkish	9T	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Windows 3.0 Latin 1	9U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PS Text	10J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PC-8, Code Page 437	10U	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
PC-8 D/N Danish/Norwegian	11U	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
MC Text	12J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PC-850 Multilingual	12U	✓	✓	✓	—	—	—	—	—	✓	—	—	—	—
Ventura International	13J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PcEur858	13U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Ventura US	14J	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Pi Font	15U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PC852, Latin 2	17U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
Unicode 3.0	18N	✓	✓	✓	—	—	—	✓	✓	—	—	—	—	—
Windows Baltic	19L	✓	✓	✓	—	—	—	—	—	—	—	—	—	—

Symbol set name	Attribute	Font classification												
		1	2	3	4	5	6	7	8	9	10	11	12	13
Windows 3.1 Latin/Arabic	19U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PC-755	26U	✓	✓	✓	—	—	—	—	—	—	—	—	—	—
PC-866, Cyrillic	3R	✓	✓	—	—	—	—	—	—	—	—	—	—	—
Greek8	8G	✓	✓	—	—	—	—	—	—	—	—	—	—	—
Windows Greek	9G	✓	✓	—	—	—	—	—	—	—	—	—	—	—
Windows Cyrillic	9R	✓	✓	—	—	—	—	—	—	—	—	—	—	—
PC-851, Greek	10G	✓	✓	—	—	—	—	—	—	—	—	—	—	—
ISO 8859/5 Cyrillic	10N	✓	✓	—	—	—	—	—	—	✓	—	—	—	—
PC-8, Greek	12G	✓	✓	—	—	—	—	—	—	—	—	—	—	—
ISO 8859/7 Greek	12N	✓	✓	—	—	—	—	—	—	—	—	—	—	—
PC-866 UKR	14R	✓	✓	—	—	—	—	—	—	—	—	—	—	—
Hebrew7	0H	✓	—	—	—	—	—	✓	—	—	—	—	—	—
ISO 8859/8 Hebrew	7H	✓	—	—	—	—	—	✓	—	—	—	—	—	—
Hebrew8	8H	✓	—	—	—	—	—	✓	—	—	—	—	—	—
PC-862, Hebrew	15H	✓	—	—	—	—	—	✓	—	—	—	—	—	—
PC-862, Hebrew	15Q	✓	—	—	—	—	—	✓	—	—	—	—	—	—

Symbol set name	Attribute	Font classification												
		1	2	3	4	5	6	7	8	9	10	11	12	13
Arabic8	8V	—	—	—	—	—	—	—	✓	—	—	—	—	—
HPWARA	9V	—	—	—	—	—	—	—	✓	—	—	—	—	—
PC-864, Arabic	10V	—	—	—	—	—	—	—	✓	—	—	—	—	—
Wingdings	579L	—	—	—	—	✓	—	—	—	—	—	—	—	—
Symbol	19M	—	—	—	✓	—	—	—	—	—	—	—	—	—
ZapfDingbats	14L	—	—	—	—	—	✓	—	—	—	—	—	—	—
OCR A	0O	—	—	—	—	—	—	—	—	—	✓	—	—	—
OCR B	1O	—	—	—	—	—	—	—	—	—	—	✓	—	—
OCR B Extension	3Q	—	—	—	—	—	—	—	—	—	—	✓	—	—
Code3-9	0Y	—	—	—	—	—	—	—	—	—	—	—	✓	—
EAN/UPC	8Y	—	—	—	—	—	—	—	—	—	—	—	—	✓

PCL6 Mode Symbol Sets

Symbol set name	Attribute	Font classification								
		1	2	3	4	5	6	7	8	9
ISO Norwegian	4	✓	✓	✓	—	—	—	—	—	—
ISO Italian	9	✓	✓	✓	—	—	—	—	—	—
ISO 8859-1 Latin 1	14	✓	✓	✓	—	—	—	—	—	✓
ISO Swedish	19	✓	✓	✓	—	—	—	—	—	—
ASCII	21	✓	✓	✓	—	—	—	✓	✓	—
ISO United Kingdom	37	✓	✓	✓	—	—	—	—	—	—

Symbol set name	Attribute	Font classification								
		1	2	3	4	5	6	7	8	9
ISO French	38	✓	✓	✓	—	—	—	—	—	—
ISO German	39	✓	✓	✓	—	—	—	—	—	—
Legal	53	✓	✓	✓	—	—	—	—	—	✓
ISO 8859-2 Latin 2	78	✓	✓	✓	—	—	—	—	—	✓
ISO Spanish	83	✓	✓	✓	—	—	—	—	—	—
Roman-9	149	✓	✓	✓	—	—	—	—	—	—
PS Math	173	✓	✓	✓	—	—	—	✓	✓	
ISO 8859-9 Latin 5	174	✓	✓	✓	—	—	—	—	—	✓
Windows 3.1 Latin 5	180	✓	✓	✓	—	—	—	—	—	—
Microsoft Publishing	202	✓	✓	✓	—	—	—	—	—	—
ISO 8859/10 Latin 6	206	✓	✓	✓	—	—	—	—	—	✓
DeskTop	234	✓	✓	✓	—	—	—	—	—	—
Math-8	269	✓	✓	✓	—	—	—	✓	✓	
Roman-8	277	✓	✓	✓	—	—	—	—	—	✓
Windows 3.1 Latin 2	293	✓	✓	✓	—	—	—	—	—	—
Pc1004	298	✓	✓	✓	—	—	—	—	—	—
ISO 8859-15 Latin 9	302	✓	✓	✓	—	—	—	—	—	✓
PC-Turkish	308	✓	✓	✓	—	—	—	—	—	—
Windows 3.0	309	✓	✓	✓	—	—	—	—	—	—
PS Text	330	✓	✓	✓	—	—	—	—	—	—

Symbol set name	Attribute	Font classification								
		1	2	3	4	5	6	7	8	9
PC-8	341	✓	✓	✓	—	—	—	—	—	✓
PC-8 D/N	373	✓	✓	✓	—	—	—	—	—	✓
MC Text	394	✓	✓	✓	—	—	—	—	—	—
PC-850	405	✓	✓	✓	—	—	—	—	—	✓
PcEur858	437	✓	✓	✓	—	—	—	—	—	—
Pi Font	501	✓	✓	✓	—	—	—	—	—	—
PC852	565	✓	✓	✓	—	—	—	—	—	—
Unicode 3.0	590	✓	✓	✓	—	—	—	✓	✓	—
WBALT	620	✓	✓	✓	—	—	—	—	—	—
Windows 3.1 Latin 1	629	✓	✓	✓	—	—	—	—	—	—
PC-755	853	✓	✓	✓	—	—	—	—	—	—
Wingdings	18540	—	—	—	—	✓	—	—	—	—
Symbol	621	—	—	—	✓	—	—	—	—	—
ZapfDingbats	460	—	—	—	—	—	✓	—	—	—
PC-866, Cyrillic	114	✓	✓	—	—	—	—	—	—	—
Greek8	263	✓	✓	—	—	—	—	—	—	—
Windows Greek	295	✓	✓	—	—	—	—	—	—	—
Windows Cyrillic	306	✓	✓	—	—	—	—	—	—	—
PC-851, Greek	327	✓	✓	—	—	—	—	—	—	—
ISO 8859/5 Cyrillic	334	✓	✓	—	—	—	—	—	—	✓
PC-8, Greek	391	✓	✓	—	—	—	—	—	—	—

Symbol set name	Attribute	Font classification								
		1	2	3	4	5	6	7	8	9
ISO 8859/7 Greek	398	✓	✓	—	—	—	—	—	—	—
PC-866 UKR	466	✓	✓	—	—	—	—	—	—	—
Hebrew7	8	✓	—	—	—	—	—	✓	—	—
ISO 8859/8 Hebrew	232	✓	—	—	—	—	—	✓	—	—
Hebrew8	264	✓	—	—	—	—	—	✓	—	—
PC-862, Hebrew	488	✓	—	—	—	—	—	✓	—	—
Arabic8	278	—	—	—	—	—	—	—	✓	—
HPWARA	310	—	—	—	—	—	—	—	✓	—
PC-864, Arabic	342	—	—	—	—	—	—	—	✓	—

Parent topic: [Technical Specifications](#)

Notices

Check these sections for important notices about your product.

Note: Epson offers a recycling program for end of life Epson products. Please go to [this site](#) for information on how to return your Epson products for proper disposal.

[Important Safety Instructions](#)

[FCC Compliance Statement](#)

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Important Safety Instructions

Before using your Epson product, read and follow these safety instructions.

[General Printer Safety Instructions](#)

[Ink Cartridge Safety Instructions](#)

[LCD Screen Safety Instructions](#)

[Wireless Connection Safety Instructions](#)

Parent topic: [Notices](#)

General Printer Safety Instructions

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer's label.
- Use only the power cord that comes with the printer. Use of another cord may cause fires or shock. Do not use the cord with any other equipment.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- Avoid plugging the printer into an outlet on the same circuit as a photo copier or air control system that regularly switches on and off, or on an outlet controlled by a wall switch or timer.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.

- Always turn off the printer using the power button, and wait until the power light stops flashing before unplugging the printer or cutting off power to the electrical outlet.
- Place the printer on a flat, stable surface that extends beyond its base in all directions. It will not operate properly if it is tilted or at an angle.
- Make sure the back of the printer is at least 4 inches (10 cm) away from the wall.
- Leave enough space in front of the printer for the paper to be fully ejected.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Do not place the printer near a radiator or heating vent or in direct sunlight.
- Leave enough room around the printer for sufficient ventilation. Do not block or cover openings in the case or insert objects through the slots.
- Keep the printer away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- When connecting the printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- Do not touch the flat white cable inside the printer.
- Do not move the print head by hand; this may damage the printer.
- Do not spill liquid on the printer.
- Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.
- Except as specifically explained in your documentation, do not attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions: if the power cord or plug is damaged; if liquid has entered the product; if the product has been dropped or the case damaged; if the product does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.
- If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- Leave the ink cartridge installed. Removing the cartridge can dehydrate the print head and may prevent the printer from printing.
- Before transporting the printer, make sure that the print head is in the home (far right) position and the ink cartridge is in place.

- When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down; otherwise ink may leak.

Parent topic: [Important Safety Instructions](#)

Ink Cartridge Safety Instructions

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the product or touch any cartridges during printing.
- Install a new ink cartridge immediately after removing an expended one. Leaving cartridges uninstalled can dry out the print head and may prevent the product from printing.
- Do not remove or tear the label on the cartridge; this can cause leakage.
- Do not remove the transparent seal from the bottom of the cartridge. This may cause the cartridge to become unusable.
- Do not break the hooks on the side of the cartridge when removing it from the packaging.
- Do not touch the green IC chip on the side of the cartridge. This may prevent normal operation.
- Do not shake cartridges after opening their packages; this can cause them to leak.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the product. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.
- Use an ink cartridge before the date printed on its package.
- Do not dismantle an ink cartridge. This could damage the print head.
- Store ink cartridges in a cool, dark place.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Store ink cartridges with their labels facing upward. Do not store cartridges upside down.

Parent topic: [Important Safety Instructions](#)

LCD Screen Safety Instructions

- Use only a dry, soft cloth to clean the LCD screen. Do not use liquid or chemical cleansers.

- If the LCD screen is damaged, contact Epson. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.
- Do not press too hard on the LCD screen.
- Do not use a pointy or sharp object, such as a pen or your fingernail, to operate the LCD screen.

Parent topic: [Important Safety Instructions](#)

Wireless Connection Safety Instructions

Radio waves from this product may adversely affect the operation of medical equipment or automatically controlled devices, such as pacemakers, automatic doors or fire alarms. When using this product near such devices or inside a medical facility, follow the directions from authorized staff members at the facility, and follow all posted warnings and directions on the device to avoid causing an accident.

Parent topic: [Important Safety Instructions](#)

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and 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 the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded

equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

CAN ICES-3(B)/NMB-3(B)

Parent topic: [Notices](#)

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Parent topic: [Notices](#)

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Default Delay Times for Power Management for Epson Products

This product will enter sleep mode after a period of nonuse. This is to ensure that the product meets Energy Star standards of energy efficiency. More energy savings can be achieved by setting the time to sleep to a shorter interval.

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3/16

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