Contents

XP-5100 User's Guide ................................................................................................................................ 13

Product Basics ........................................................................................................................................ 14
Using the Control Panel ............................................................................................................................ 14
Control Panel Buttons and Lights ........................................................................................................... 15
The LCD Screen .................................................................................................................................... 16
Status Icon Information ........................................................................................................................... 16
Navigating the LCD Screen .................................................................................................................... 17
Entering Characters on the LCD Screen ................................................................................................... 19
Viewing Animations ............................................................................................................................... 21
Changing LCD Screen Language ............................................................................................................. 22
Adjusting the Screen Brightness ............................................................................................................. 23

Product Parts Locations ......................................................................................................................... 24
Product Parts - Front ............................................................................................................................... 25
Product Parts - Inside ............................................................................................................................. 26
Product Parts - Back ............................................................................................................................... 27

Using Power Saving Settings .................................................................................................................. 28
Changing the Sleep Timer Settings ....................................................................................................... 28
Changing the Power Off Timer Settings ................................................................................................. 29

Epson Connect Solutions for Smartphones, Tablets, and More ............................................................ 29
Setting Up Epson Connect Services ..................................................................................................... 30
Using Epson Email Print ....................................................................................................................... 32
Using the Epson iPrint Mobile App ....................................................................................................... 32
Using Epson Remote Print ..................................................................................................................... 33
Using Epson Scan to Cloud .................................................................................................................... 33

Using AirPrint ....................................................................................................................................... 34
Using Google Cloud Print ..................................................................................................................... 35
Setting Up Google Cloud Print on a Chromebook ................................................................................ 36

Android Printing Using the Epson Print Enabler .................................................................................... 37
Using Fire OS Printing ........................................................................................................................... 37
Using Windows 10 Mobile Printing ....................................................................................................... 38
Conserving Low Black Ink with Windows ................................................................. 195
Maintenance Box Replacement ................................................................................. 195

**Adjusting Print Quality** .......................................................................................... 197
Print Head Maintenance ............................................................................................ 197
Print Head Nozzle Check ......................................................................................... 197
  Checking the Nozzles Using the Product Control Panel ...................................... 197
  Checking the Nozzles Using a Computer Utility .................................................. 200
Print Head Cleaning .................................................................................................. 202
  Cleaning the Print Head Using the Product Control Panel .................................... 203
  Cleaning the Print Head Using a Computer Utility ............................................. 204
Aligning the Print Head Using the Product Control Panel ...................................... 207
Cleaning the Paper Guide ....................................................................................... 209

**Cleaning and Transporting Your Product** ............................................................. 211
Cleaning Your Product ............................................................................................ 211
Cleaning the Paper Rollers ..................................................................................... 211
Cleaning the Print Head Path .................................................................................. 213
Transporting Your Product ...................................................................................... 216

**Solving Problems** ................................................................................................ 219
Checking for Software Updates .............................................................................. 219
Product Status Messages ......................................................................................... 220
Running a Product Check ....................................................................................... 222
Resetting Control Panel Defaults .......................................................................... 223
Solving Setup Problems ........................................................................................ 224
  Product Does Not Turn On or Off ...................................................................... 225
  Noise After Ink Installation .............................................................................. 225
  Software Installation Problems ......................................................................... 225
Solving Network Problems .................................................................................... 226
  Product Cannot Connect to a Wireless Router or Access Point ......................... 226
  Network Software Cannot Find Product on a Network ...................................... 227
  Product Does Not Appear in Mac Printer Window ............................................. 228
  Cannot Print Over a Network ........................................................................... 229
  Cannot Scan Over a Network .......................................................................... 230
Solving Copying Problems ..................................................................................... 231
Product Makes Noise, But Nothing Copies ................................................................. 231
Product Makes Noise When It Sits for a While ......................................................... 231
Solving Paper Problems ........................................................................................... 231
  Paper Feeding Problems ......................................................................................... 232
  Paper Jams Inside the Product ............................................................................. 232
  Paper Ejection Problems ....................................................................................... 233
Solving Problems Printing from a Computer ............................................................ 234
  Nothing Prints ........................................................................................................ 234
  Product Icon Does Not Appear in Windows Taskbar .............................................. 235
  Printing is Slow ........................................................................................................ 235
Solving Page Layout and Content Problems ............................................................. 237
  Inverted Image ......................................................................................................... 237
  Too Many Copies Print .......................................................................................... 238
  Blank Pages Print ................................................................................................... 238
  Incorrect Margins on Printout ................................................................................ 239
  Border Appears on Borderless Prints ..................................................................... 239
  Incorrect Characters Print ...................................................................................... 240
  Incorrect Image Size or Position ............................................................................ 240
  Slanted Printout ....................................................................................................... 241
Solving Print Quality Problems ................................................................................ 242
  White or Dark Lines in Printout ............................................................................. 242
  Blurry or Smeared Printout .................................................................................... 243
  Faint Printout or Printout Has Gaps ....................................................................... 244
  Grainy Printout ....................................................................................................... 245
  Incorrect Colors ..................................................................................................... 245
Solving Scanning Problems ...................................................................................... 246
  Scanning Software Does Not Operate Correctly ..................................................... 247
  Cannot Start Epson Scan 2 ..................................................................................... 247
  Scanning is Slow ...................................................................................................... 248
Solving Scanned Image Quality Problems ................................................................. 248
  Image Consists of a Few Dots Only ....................................................................... 249
  Line of Dots Appears in All Scanned Images ......................................................... 249
  Straight Lines in an Image Appear Crooked ........................................................... 249
XP-5100 User's Guide

Welcome to the XP-5100 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 Power Saving Settings
Epson Connect Solutions for Smartphones, Tablets, and More
Using AirPrint
Using Google Cloud Print
Android Printing Using the Epson Print Enabler
Using Fire OS Printing
Using Windows 10 Mobile Printing
Using Epson Print and Scan App with Windows Tablets
Using the Mopria Print Service

Using the Control Panel

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

Control Panel Buttons and Lights
Changing LCD Screen Language
Adjusting the Screen Brightness

Parent topic: Product Basics
Control Panel Buttons and Lights

1. The power button and light
2. The home button
3. The help button
4. The LCD screen
5. The + and – buttons
6. The stop button
7. The back button
8. The arrow buttons and the OK button
9. The reset button
10. The start button

The LCD Screen
Status Icon Information
Navigating the LCD Screen
Entering Characters on the LCD Screen
Viewing Animations
The LCD Screen

1 Displays various status information; select an icon to check its status or adjust its settings
2 Menu options
3 Select a tab to view different options and settings
4 Setting options
5 Displays available buttons

Parent topic: Control Panel Buttons and Lights
Related references
LCD Screen Safety Instructions

Status Icon Information

Your product displays status icons on the LCD screen for certain product status conditions.

<table>
<thead>
<tr>
<th>Icons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔧</td>
<td>Ink and maintenance box status; select the icon to view the ink and maintenance box levels</td>
</tr>
<tr>
<td>Icons</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
</tbody>
</table>
| ![Network Connection Status Icon](image) | Network connection status; select the icon to set up or change your network connection  
• ![Disconnected Icon](image) The product is not connected to a wireless network  
• ![Searching Icon](image) The product is searching for an SSID or experiencing a wireless network connection issue  
• ![Connected Icon](image) The product is connected to a wireless network; the number of bars indicates the connection’s signal strength  
• ![Wi-Fi Direct Off Icon](image) Wi-Fi Direct is not enabled  
• ![Wi-Fi Direct On Icon](image) Wi-Fi Direct is enabled |
| ![Quiet Mode On/Off Icon](image) | The Quiet Mode setting is enabled or disabled. Select the icon to change the setting. When this feature is enabled and depending on the selected paper type and print quality, noise is reduced during printing at the cost of print speed. |
| ![Warning Icon](image) | There is a problem with the indicated setting; select the icon for information on resolving the problem |
| ![Information Icon](image) | Additional information is available; select the icon to display the information |

Parent topic: Control Panel Buttons and Lights

Navigating the LCD Screen

Follow these guidelines to navigate and use the menus on the LCD screen.
To navigate the menus, press the arrow buttons to change your highlighted selection and press the OK button to confirm your selection.

To change a setting, press the arrow buttons to highlight the setting and press the OK button.
To enter a value in a field, press the arrow buttons to highlight the field and press the OK button to display the on-screen keyboard.

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

**Entering Characters on the LCD Screen**

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

**On-screen keyboard**

1. Displays the character count
2 Moves the cursor left or right
3 Switches between uppercase and lowercase characters, numbers and symbols
4 Switches between characters and numbers or symbols
5 Changes the keyboard layout
6 Displays a list of common domain names to choose from
7 Enters a space
8 Select when you are finished
9 Deletes the previous character

Note: You can also switch the character type by pressing the reset button.

On-screen keypad

1 Cancels entry and closes the keypad
2 Select when you are finished
3 Clears the entered number
4 Deletes the previous number

Parent topic: Control Panel Buttons and Lights
Viewing Animations
You can view animations on the LCD screen to help guide you with a procedure or to troubleshoot a problem.

1. Press the toISOString() help button.
   You see a screen like this:

   ![Screen with options to Troubleshoot or How To]

2. Select **Troubleshooting** if you are experiencing a problem or **How To** to view instructions on common procedures.
3. Select a topic from the list of available topics and follow the on-screen instructions.
While viewing the topics, you may see screens like this:

1. Displays the current step number and the total number of steps
2. Press the left arrow button to view the previous step
3. Indicates your overall progress through the animation
4. Press the right arrow button to view the next step

Parent topic: Control Panel Buttons and Lights

Changing LCD Screen Language

You can change the language used on the LCD screen.

1. Press the home button, if necessary.
2. Select Settings.
You see a screen like this:

3. Select **Basic Settings**.
4. Select **Language**.
5. Select a language.

**Parent topic:** Using the Control Panel

**Adjusting the Screen Brightness**

You can adjust the brightness of the LCD screen.

1. Press the \( \text{Home} \) button, if necessary.
2. Select **Settings**.
You see a screen like this:

You see a screen like this:

3. Select Basic Settings.
4. Select LCD Brightness.
5. Press the – or + buttons to decrease or increase the brightness.
6. Select OK to exit.

Parent topic: Using the Control Panel

Product Parts Locations

See these sections to identify the parts on your product.

Product Parts - Front
Product Parts - Inside
Product Parts - Back

Parent topic: Product Basics
Product Parts - Front

1  Output tray
2  Paper cassette
3  Paper cassette edge guides
4  Legal-size paper guide

Parent topic: Product Parts Locations
Product Parts - Inside

1. Document cover
2. Scanner glass
3. Control panel
4. Front cover
5 Memory card slot

1 Scanner unit
2 Ink cartridge holder

Parent topic: Product Parts Locations

Product Parts - Back

Parent topic: Product Parts Locations
Using Power Saving Settings

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 Sleep Timer Settings
Changing the Power Off Timer Settings

Parent topic: Product Basics

Changing the Sleep Timer Settings

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

1. Press the home button, if necessary.
2. Select Settings.
   You see a screen like this:
3. Select **Basic Settings**.
4. Select **Sleep Timer**.
5. Select a time period between **3 minutes** and **15 minutes**.

**Parent topic:** Using Power Saving Settings

### 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.

1. Press the home button, if necessary.
2. Select **Settings**.
   
   You see a screen like this:

![Settings Menu](image)

3. Select **Basic Settings**.
4. Select **Power Off Timer**.
5. Select a time period between **30 minutes** and **12h** (12 hours).

**Parent topic:** Using Power Saving Settings

### Epson Connect Solutions for Smartphones, Tablets, and More

Use your smartphone, tablet, or computer to print and scan documents, photos, emails, and web pages from your home, office, or even across the globe.
**Note:** If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

Print from anywhere with these Epson Connect solutions:

- Epson Email Print
- Epson iPrint Mobile App
- Epson Remote Print

Scan and send a file as an email or upload it to an online service directly from your Epson product with Epson Scan to Cloud or the Epson iPrint Mobile App.

**Setting Up Epson Connect Services**

**Using Epson Email Print**

**Using the Epson iPrint Mobile App**

**Using Epson Remote Print**

**Using Epson Scan to Cloud**

**Parent topic:** [Product Basics](#)

**Related tasks**

- [Using AirPrint](#)
- [Using Google Cloud Print](#)
- [Android Printing Using the Epson Print Enabler](#)
- [Using Fire OS Printing](#)
- [Using Windows 10 Mobile Printing](#)
- [Using Epson Print and Scan App with Windows Tablets](#)
- [Using the Mopria Print Service](#)

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**Setting Up Epson Connect Services**

If you did not activate your product's email address for use with Epson Connect when you set up your product, you can activate it using the product control panel.

1. Press the home button, if necessary.
2. Select **Settings**.
You see a screen like this:

3. Select **Web Service Settings**.
4. Select **Epson Connect Services**.
   
   You see a screen like this:

5. Select **Register**.
6. Follow the instructions on the screen to activate your product's email address.

**Parent topic:** [Epson Connect Solutions for Smartphones, Tablets, and More](#)
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, see the link below to use your product control panel to activate your unique email address. Or visit epson.com/connect (U.S), epson.ca/connect (Canada), or epsonconnect.com (Caribbean) 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 tasks
Setting Up Epson Connect Services
Related topics
Wi-Fi Networking

Using the Epson iPrint Mobile App

Use this free Apple and Android app to print and scan with networked Epson products. Epson iPrint lets you print PDFs, Microsoft Office documents, photos, and web pages over a wireless network. You can scan and save a file on your device, send it as an email, or upload it to an online service such as Box, Dropbox, Evernote, or Google Drive.

1. Connect your product to your wireless network. See the link below.
2. Visit epson.com/connect (U.S), epson.ca/connect (Canada), or epson.com.jm/connect (Caribbean) 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 or scan with your mobile device and your Epson product.
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.

Using Epson Scan to Cloud

The Epson Scan to Cloud service allows you to scan and send a file as an email or upload it to an online service directly from your Epson product. Register an email address or online services such as Box, Dropbox, Evernote, or Google Drive with your Epson Connect account.

1. Connect your Epson product to your 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 and password.

3. Visit epsonconnect.com to sign into your account with the email address and password you selected.

4. Select your product, select **Scan to Cloud**, and select **Destination List**.

5. Click **Add**, then follow the instructions on the screen to create your destination list.

6. Now you are ready to use Scan to Cloud. Select the setting for scanning to Scan to Cloud on your Epson product control panel.

**Parent topic:** Epson Connect Solutions for Smartphones, Tablets, and More

**Related tasks**

[Setting Up Epson Connect Services](#)

**Related topics**

[Wi-Fi Networking](#)

### Using AirPrint

AirPrint enables instant wireless printing from iPhone, iPad, and iPod touch with the latest version of iOS, and Mac with the latest version of OS X or macOS.

**Note:** If you disabled paper configuration messages on your product control panel, you cannot use AirPrint. See the link below to enable the messages, if necessary.

1. Load paper in your product.
2. Set up your product for wireless printing. See the link below.
3. Connect your Apple device to the same wireless network that your product is using.
4. Print from your device to your product.
Note: For details, see the AirPrint page on the Apple website.

Parent topic: Product Basics
Related tasks
Selecting the Paper Settings - Control Panel
Related topics
Wi-Fi 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 Google Cloud Print (U.S) or Epson Support for Google Cloud Print (Canada) for more information on using Google Cloud Print, or the Google Cloud Print website for a list of supported apps.
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 5.
   - 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 Google Cloud Print (U.S)](https://www.epson.com/support) or [Epson](https://www.epson.com).
Support for Google Cloud Print (Canada) for more information on using Google Cloud Print, or the Google Cloud Print website for a list of supported apps.

Parent topic: Using Google Cloud Print

Related tasks
Printing From a Chromebook

Related topics
Wi-Fi 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 Printing, 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 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 (U.S), epson.ca/connect (Canada), or epson.com.jm/connect (Caribbean) 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 Networking

### Using Windows 10 Mobile Printing

You can wirelessly print from Windows 10 Mobile tablets and phones to your nearby networked Epson product. There is no software to download, no drivers to install, and no cables to connect. Look for the print option in your Windows 10 application to 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 Windows 10 Mobile device to the same wireless network as your product.
3. Now you are ready to print. From your Windows 10 application, tap the print option and select your product to print whatever is on the screen.

Visit epson.com/connect (U.S), epson.ca/connect (Canada), or epson.com.jm/connect (Caribbean) to learn more about Windows 10 Mobile Printing (one of many Epson Connect Partner Solutions) and check the compatibility of your mobile device.

**Parent topic:** Product Basics

**Related topics**

Wi-Fi 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 (U.S), epson.ca/connect (Canada), or epson.com.jm/connect (Caribbean) to learn more about Epson Print and Scan App.

Parent topic: Product Basics
Related topics
Wi-Fi Networking

Using the Mopria Print Service
You can use the Mopria Print Service to print from your Android phone or tablet (Android v4.4 or later) to your Epson product or any Mopria-certified product from other manufacturers. You can download the Mopria Print Service from Google Play.

Note: For details on the Mopria Print Service, click here (U.S) or click here (Canada).

1. Connect your Epson product to your wireless network. See the link below.
2. On your Android device, download the Mopria Print Service from Google Play.
   Note: On some Samsung Galaxy devices, Mopria may come preinstalled.
3. Go to Settings on your Android device, select Printing, and enable the Mopria Print Service.
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 select Print. Then select All printers, select your Epson product, adjust your print settings, and print.

Parent topic: Product Basics
Related topics
Wi-Fi Networking
Network Security Recommendations

To help deter unauthorized access to your product over a network, you should protect your network environment using appropriate security measures.

Security measures such as these can help deter threats such as loss of user data, use of telephone and fax lines, and other intrusions:

- **Enable security on your wireless LAN**
  Enable the appropriate security on the wireless LAN you plan to use with your product. Network security such as a network password can deter interception of traffic over the wireless LAN. Your router may already have a default password enabled by your Internet service provider (ISP). See your ISP and router documentation for instructions on how to change the default password and better secure your network.

- **Connect your product only to a network protected by a firewall**
  Connecting your product directly to the Internet may leave it vulnerable to security threats. Instead, connect it to a router or other network connection protected by a firewall. Your router may already have a firewall set up by your Internet service provider; check with your ISP for confirmation. For best results, set up and use a private IP address for your network connection.

- **Change the default administrator password on your product**
  If your product has an option to set an administrator password, change the default administrator password to deter access by unauthorized users to personal data stored on your product, such as IDs, passwords, and contact lists.

Parent topic: Wi-Fi Networking
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 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 by downloading it from the Epson website. 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 home button, if necessary.
2. Select the icon.
   You see a screen like this:

   ![Network Connection Settings](image)

3. Select **Wi-Fi (Recommended).**
4. Select **Start Setup** or **Change Settings.**
5. Select **Wi-Fi Setup Wizard.**
You see a screen like this:

![Select Access Point screen]

6. Select the name of your wireless network or press the + button to enter the name manually. If you are entering the name manually, use the displayed keyboard to enter your network name.

![Keyboard screen]

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

- To move the cursor, press the left or right arrows.
- To change the case of letters, select .
• To delete the previous character, select .
• To enter numbers and symbols, select AB1#.
• To enter a space, select .
• To finish entering your network name or password, select OK.

7. Select the Enter Password field and use the displayed keyboard to enter your network password.

![Keyboard Input](image)

8. When you are finished, confirm the displayed network settings and select Start Setup to begin setup.

9. Do one of the following:
   • If setup was successful, select Print Check Report to print a network setup report or OK to finish with the setup.
   • If setup was unsuccessful, select Print Check Report to print a network setup report or Re-enter to re-enter your network name and password again.

10. Press the home button to return to the Home screen.

The Wi-Fi icon is displayed on the LCD screen and indicates your wireless connection status. If the product is not connected to the network, you may have selected the wrong network name or entered the password incorrectly. Repeat these steps to try again.

If you are printing from a computer, make sure you installed the network software as described on the Start Here sheet.
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. In Wi-Fi Direct Mode, the product itself acts as a network access point for up to 4 devices.

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

Enabling Wi-Fi Direct Mode

Parent topic: Wi-Fi Networking

Enabling Wi-Fi Direct Mode

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

1. Press the home button, if necessary.
2. Select the Wi-Fi icon.
   You see a screen like this:

3. Select **Wi-Fi Direct**.
4. Select **Start Setup**.
5. Select **Start Setup** again.
   You see a screen like this:
6. Use your computer or wireless device to select the Wi-Fi network name (SSID) displayed on the LCD screen, then enter the password shown.

7. When you are finished, scroll down on the product's LCD screen and select **OK**.

   **Note:** You can also scan the QR Code on the LCD screen to view online setup instructions.

8. Press the home button to return to the Home screen.

   The Wi-Fi Direct icon is displayed on the LCD screen and indicates if Wi-Fi Direct is enabled on the product.

   If you are printing from a computer, make sure you installed the network software as described on the *Start Here* sheet.

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

**Related references**

*Status Icon Information*

---

### 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 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 home button, if necessary.

2. Select the Wi-Fi icon.
You see a screen like this:

![Network Connection Settings](image)

3. Select **Wi-Fi (Recommended)**.
4. Select **Start Setup** or **Change Settings**.
5. Select **Push Button Setup (WPS)**.
6. Follow the instructions on the LCD screen to complete WPS setup.
7. Press the home button to return to the Home screen.

The Wi-Fi icon is displayed on the LCD screen and indicates your wireless connection status. If the product is not connected to the network, repeat these steps to try again.

If you are printing from a computer, make sure you installed the network software as described on the *Start Here* sheet.

**Parent topic:** Wi-Fi Protected Setup (WPS)

**Related references**

- Status Icon Information

**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 home button, if necessary.
2. Select **Settings**.
You see a screen like this:

3. Select **Network Settings**.
4. Select **Network Status**.
5. Select **Print Status Sheet**.
6. Press the start button to print the status sheet.

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

**Parent topic:** [Wi-Fi 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](#)
- [Connecting to a New Wi-Fi Router](#)
- [Disabling Wi-Fi Features](#)

**Parent topic:** [Wi-Fi 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.
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

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.
   • Mac: 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 home button, if necessary.

2. Select the icon.

   You see a screen like this:

3. Select Wi-Fi (Recommended).

4. Select Change Settings.

5. Select Others.

6. Select Disable Wi-Fi.
7. Select **Start Setup** to disable Wi-Fi.

8. When finished, press the home button to return to the Home screen.

**Parent topic:** Changing or Updating Network Connections

**Related tasks**

- Printing a Network Status Sheet
Loading Paper

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

Loading Paper in the Cassette
Paper Loading Capacity
Turning Off the Paper Setting Alert
Double-sided Printing Capacity
Available Epson Papers
Borderless Paper Type Compatibility
Paper or Media Type Settings - Printing Software
Selecting the Paper Settings - Control Panel

Loading Paper in the Cassette

You can load paper up to this size in the paper cassette: Legal (8.5 × 14 inches [216 × 356 mm]).

Note: Before loading paper, make sure your product is not currently printing, scanning, or copying.

1. Open the front cover.
2. Pull out the paper cassette until it stops.

3. Squeeze the tab on the right edge guide and slide the edge guides outward.
4. Do one of the following:
   • Insert paper into the cassette with the glossy or printable side facedown and slide it in until it stops.

   ![Illustration of inserting paper into a cassette]

   **Note:** Make sure the paper is loaded against the rear of the cassette.

   • For legal-size paper, extend the legal paper guide and load paper using the guide line as shown.

   ![Illustration of extending the legal paper guide]
• Insert up to 10 envelopes with the printable side facedown and flap edge right, as shown.

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

Note: Make sure the paper fits under the tabs on the edge guides.

6. Slide the cassette back into the product until it stops.
7. Select the size and type of the paper you loaded on the product LCD screen and select OK.
8. Extend the output tray.

![Image of extending output tray]

**Note:** 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 and printable side facedown.
- Make sure the paper is under the tabs on the edge guides and not sticking out from the rear end of the cassette.
- 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.
- Load letterhead or pre-printed paper top edge first.
- Check the paper package for any additional loading instructions.

**Parent topic:** Loading Paper

**Related references**

- Paper Loading Capacity
- Paper Specifications
- Printable Area Specifications

**Paper Loading Capacity**

See the table here for the loading capacity of the paper cassette.
### Paper Type and Loading Capacity

<table>
<thead>
<tr>
<th>Paper type</th>
<th>Loading capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plain paper</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]) size or smaller: 150 sheets</td>
</tr>
<tr>
<td>Copy paper</td>
<td>Letter (8.5 × 14 inches [216 × 356 mm]) size: 1 sheet</td>
</tr>
<tr>
<td>Letterhead</td>
<td></td>
</tr>
<tr>
<td>Epson Bright White Paper</td>
<td>120 sheets</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>100 sheets</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td></td>
</tr>
<tr>
<td>Epson Ultra Premium Presentation Paper Matte</td>
<td>20 sheets</td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td>If paper feeds incorrectly, or printing is uneven or smeared, load 1 sheet at a time.</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Glossy</td>
<td></td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Glossy</td>
<td></td>
</tr>
<tr>
<td>Epson Premium Photo Paper Semi-gloss</td>
<td></td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Luster</td>
<td></td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td>1 sheet</td>
</tr>
<tr>
<td>Epson Brochure &amp; Flyer Paper Matte Double-sided</td>
<td></td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer paper</td>
<td></td>
</tr>
<tr>
<td>Envelopes</td>
<td>10 envelopes</td>
</tr>
</tbody>
</table>

**Parent topic:** [Loading Paper](#)

### Turning Off the Paper Setting Alert

The paper setting alert warns you when the paper settings do not match the paper you loaded. You can turn off this feature from the product's control panel.

**Note:** You cannot turn on this setting if the Paper Configuration setting is disabled.

1. Press the home button, if necessary.
2. Select **Settings**.
3. Select **Guide Functions**.
   You see a screen like this:

   ![Guide Functions screen](image)

   - **Paper Mismatch**: On

4. Select **Paper Mismatch**.
5. Set the **Paper Mismatch** setting to **Off**.

**Parent topic:** Loading Paper

**Related tasks**

- **Selecting the Paper Settings - Control Panel**

### Double-sided Printing Capacity

You can print double-sided using Auto or Manual mode on the paper types and sizes listed here.
<table>
<thead>
<tr>
<th>Paper type</th>
<th>Size</th>
<th>Double-sided printing capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Auto</td>
</tr>
<tr>
<td>Plain paper</td>
<td>Letter (8.5 x 11 inches [216 x 279 mm]) or A4 (8.3 x 11.7 inches [210 x 297 mm]) size or smaller</td>
<td>150 sheets</td>
</tr>
<tr>
<td>Copy paper</td>
<td>Legal (8.5 x 14 inches [216 x 356 mm])</td>
<td>—</td>
</tr>
<tr>
<td>Epson Bright White Paper</td>
<td>Letter (8.5 x 11 inches [216 x 279 mm])</td>
<td>120 sheets</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td>Letter (8.5 x 11 inches [216 x 279 mm])</td>
<td>—</td>
</tr>
<tr>
<td>Epson Brochure &amp; Flyer Paper Matte Double-sided</td>
<td>Letter (8.5 x 11 inches [216 x 279 mm])</td>
<td>—</td>
</tr>
</tbody>
</table>

You cannot print double-sided on the following paper types:

- Epson Presentation Paper Matte
- Epson Premium Presentation Paper Matte
- Epson Ultra Premium Presentation Paper Matte
- Epson Photo Paper Glossy
- Epson Premium Photo Paper Glossy
- Epson Premium Photo Paper Semi-gloss
- Epson Ultra Premium Photo Paper Glossy
- Epson Ultra Premium Photo Paper Luster
- Epson Iron-on Cool Peel Transfer paper
- Epson Photo Quality Self-adhesive Sheets
- Letterhead
- Envelopes
Available Epson Papers

You can purchase genuine Epson ink, maintenance boxes, and paper at epson.com (U.S. sales), epson.ca (Canadian sales), or epson.com.jm (Caribbean sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

<table>
<thead>
<tr>
<th>Paper Type</th>
<th>Size</th>
<th>Part number</th>
<th>Sheet count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epson Bright White Paper</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041586</td>
<td>500</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041062</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Legal (8.5 × 14 inches [216 × 356 mm])</td>
<td>S041067</td>
<td>100</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte</td>
<td>8 × 10 inches (203 × 254 mm)</td>
<td>S041467</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041257</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042180</td>
<td>100</td>
</tr>
<tr>
<td>Epson Ultra Premium Presentation Paper Matte</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041341</td>
<td>50</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041568</td>
<td>50</td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S041809</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042038</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041141</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041649</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041271</td>
<td>100</td>
</tr>
<tr>
<td>Paper Type</td>
<td>Size</td>
<td>Part number</td>
<td>Sheet count</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-------------------------------------------</td>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Epson Premium Photo Paper</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S041727</td>
<td>100</td>
</tr>
<tr>
<td>Glossy</td>
<td>16:9 wide (4 × 7.1 inches [102 × 181 mm])</td>
<td>S042109</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>5 × 7 inches (127 × 178 mm)</td>
<td>S041464</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>8 × 10 inches (203 × 254 mm)</td>
<td>S041465</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S042183</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S041667</td>
<td>50</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S042181</td>
<td>60</td>
</tr>
<tr>
<td>Glossy</td>
<td></td>
<td>S042174</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>5 × 7 inches (127 × 178 mm)</td>
<td>S041945</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>8 × 10 inches (203 × 254 mm)</td>
<td>S041946</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S042182</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S042175</td>
<td>50</td>
</tr>
<tr>
<td>Epson Premium Photo Paper</td>
<td>4 × 6 inches (102 × 152 mm)</td>
<td>S041982</td>
<td>40</td>
</tr>
<tr>
<td>Semi-gloss</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041331</td>
<td>20</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041405</td>
<td>50</td>
</tr>
<tr>
<td>Luster</td>
<td></td>
<td>S041913</td>
<td>250</td>
</tr>
<tr>
<td>Epson Brochure &amp; Flyer Paper</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S042384</td>
<td>150</td>
</tr>
<tr>
<td>Matte Double-sided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer paper</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041153</td>
<td>10</td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td>Letter (8.5 × 11 inches [216 × 279 mm])</td>
<td>S041106</td>
<td>10</td>
</tr>
</tbody>
</table>

Parent topic: Loading Paper

**Borderless Paper Type Compatibility**

You can print borderless photos on compatible paper types in compatible sizes:
Borderless Paper Types

- Epson Bright White Paper
- Epson Photo Paper Glossy
- Epson Premium Photo Paper Glossy
- Epson Ultra Premium Photo Paper Glossy
- Epson Ultra Premium Photo Paper Luster
- Epson Premium Photo Paper Semi-gloss
- Epson Presentation Paper Matte
- Epson Premium Presentation Paper Matte
- Epson Ultra Premium Presentation Paper Matte
- Epson Premium Presentation Paper Matte Double-sided
- Epson Brochure & Flyer Paper Matte Double-sided

Borderless Paper Sizes

- 4 × 6 inches (102 × 152 mm)
- 5 × 7 inches (127 × 178 mm)
- 16:9 wide (4 × 7.1 inches [102 × 181 mm])
- A4 (8.3 × 11.7 inches [210 × 297 mm])
- Letter (8.5 × 11 inches [216 × 279 mm])

Parent topic: Loading Paper

Paper or Media Type Settings - Printing Software

<table>
<thead>
<tr>
<th>For this paper</th>
<th>Select this paper Type or Media Type setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plain paper</td>
<td>Plain Paper / Bright White Paper</td>
</tr>
<tr>
<td>Epson Bright White Paper</td>
<td></td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer paper</td>
<td></td>
</tr>
<tr>
<td>Envelopes</td>
<td>Envelope</td>
</tr>
</tbody>
</table>

63
For this paper | Select this paper Type or Media Type setting
--- | ---
Epson Ultra Premium Photo Paper Glossy | Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy | Premium Photo Paper Glossy
Epson Ultra Premium Photo Paper Luster | Photo Paper Glossy
Epson Photo Paper Glossy | Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss | Premium Photo Paper Semi-Gloss
Epson Presentation Paper Matte | Premium Presentation Paper Matte
Epson Premium Presentation Paper Matte | Premium Presentation Paper Matte
Epson Ultra Premium Presentation Paper Matte | Premium Presentation Paper Matte

**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:** Loading Paper

**Related references**

- [Paper Type Settings - Control Panel](#)
- [Selecting the Paper Settings - Control Panel](#)

**Selecting the Paper Settings - Control Panel**

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

1. Press the home button, if necessary.
2. Select **Settings > Printer Settings > Paper Source Settings**.
You see a screen like this:

![Paper Source Setting](image)

3. Make sure the **Paper Configuration** setting is set to **On**.

   **Note:** Disabling this feature turns off the automatic display of the paper settings selection screen after you load paper in the cassette. If this setting is disabled, you cannot use AirPrint and you cannot turn on the **Paper Mismatch** setting.

4. Select **Paper Setup**.
   You see a screen like this:
5. Do one of the following to select your paper settings:
   • Select a **Paper Size** and **Paper Type** setting.
   • Select **Favorite Paper Settings** to select from a list of saved presets.

   **Note:** You can change your preset settings by highlighting a preset and pressing the right arrow button.

   • Select the icon to change back to your previous paper settings.

**Paper Type Settings - Control Panel**

**Parent topic:** [Loading Paper](#)

**Related tasks**

[Turning Off the Paper Setting Alert](#)

### Paper Type Settings - Control Panel

Select a **Paper Type** setting that matches the paper you loaded.

<table>
<thead>
<tr>
<th>Paper type loaded</th>
<th>Paper Type setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plain paper</td>
<td>Plain Paper</td>
</tr>
<tr>
<td>Epson Bright White Paper</td>
<td></td>
</tr>
<tr>
<td>Epson Photo Quality Self-adhesive Sheets</td>
<td></td>
</tr>
<tr>
<td>Epson Iron-on Cool Peel Transfer paper</td>
<td></td>
</tr>
<tr>
<td>Envelopes</td>
<td>Envelope</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Glossy</td>
<td>Ultra Glossy</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Glossy</td>
<td>Prem. Glossy</td>
</tr>
<tr>
<td>Epson Photo Paper Glossy</td>
<td>Glossy</td>
</tr>
<tr>
<td>Epson Premium Photo Paper Semi-gloss</td>
<td>Prem. Semi-Gloss</td>
</tr>
<tr>
<td>Epson Ultra Premium Photo Paper Luster</td>
<td></td>
</tr>
<tr>
<td>Paper type loaded</td>
<td>Paper Type setting</td>
</tr>
<tr>
<td>-------------------------------------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Epson Presentation Paper Matte</td>
<td>Prem. Matte</td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte</td>
<td></td>
</tr>
<tr>
<td>Epson Ultra Premium Presentation Paper Matte</td>
<td></td>
</tr>
<tr>
<td>Epson Premium Presentation Paper Matte Double-sided</td>
<td></td>
</tr>
<tr>
<td>Epson Brochure &amp; Flyer Paper Matte Double-sided</td>
<td></td>
</tr>
</tbody>
</table>

**Parent topic:** Selecting the Paper Settings - Control Panel
Placing Originals on the Product

Follow the instructions here to place your original documents or photos on the product.

**Caution:** Do not place anything on top of your product or use its cover as a writing surface to avoid damaging it.

**Placing Originals on the Scanner Glass**

You can place originals up to this size on the scanner glass: Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]).

1. Open the document cover.
2. Do one of the following to place your originals:
   • **Single sheet**: Place your original facedown on the scanner glass with the top facing into the corner. Slide the original to the edges of the indicated corner.

   ![Diagram of single sheet placement]

   • **ID card**: Place an ID card 0.2 inch (5 mm) away from the corner mark on the scanner glass as shown.

   ![Diagram of ID card placement]

   • **Multiple photos for copying**: You can place multiple photos of different sizes on the scanner glass to make separate copies. Make sure your photos are at least 0.2 inch (5 mm) away from
each other and from the corner mark on the scanner glass. You can place photos up to this size: 4 × 6 inches (102 × 152 mm).

• **Multiple photos for scanning**: You can place multiple photos of different sizes on the scanner glass and save them separately using Photo Mode in Epson Scan 2. Make sure your photos are at least 0.6 inch × 0.6 inch (15 × 15 mm) in size, and placed away from each other and from the corner mark on the scanner glass as shown.

1 0.2 inch (4.5 mm)
2 0.8 inch (20 mm)

**Note**: To view multiple scanned photos in Epson Scan 2, select the **Thumbnail** checkbox in the preview window.
3. Close the document cover gently to keep your original in place.

   **Caution:** Do not push down on the document cover or scanner glass or you may damage the product.

Remove your originals after scanning. If you leave the originals on the scanner glass for a long time, they may stick to the glass surface.

**Parent topic:** Placing Originals on the Product

**Related tasks**

Scanning in Epson Scan 2
Copying

See the information here to copy documents or photos using your product.

Note: Copies may not be exactly the same size as your originals.

Copying Documents or Photos
Copying Restored Photos
Copying Books, ID Cards, or Borderless Photos
Copying Options

Copying Documents or Photos
You can copy documents or photos onto various sizes and types of paper, including Epson special papers.

1. Place your original document or photo on the scanner glass.
2. Load the paper you want to print on.
3. Press the home button, if necessary.
4. Select Copy.

You see a screen like this:
5. To print more than one copy, press the + and – buttons to increase or decrease the number of copies.

   **Note:** You can also select **Copies** and use the displayed numeric keypad to select the number of copies (up to 99).

6. Change any of the displayed settings as necessary.
7. Select the **Advanced Settings** tab to view and change additional copy settings, if necessary.
8. Select **Preview** to preview your copy on the LCD screen.
9. When you are ready to copy, press the start button.

   **Note:** To cancel printing, press the stop button.

**Parent topic:** Copying

**Related references**

- Copying Options
- **Related tasks**
- Placing Originals on the Scanner Glass

### Copying Restored Photos

You can restore the colors in faded photos and make copies of them.

1. Place your originals on the scanner glass.
2. Load the paper you want to print on.
3. Select **Various prints**
4. Select **Various copies**.
You see a screen like this:

5. Select **Copy/Restore Photos**.
6. Make sure the **Restore Color** setting is set to **On**.
7. Select your other paper and print settings as necessary, then press the right arrow button.
8. Select **Start Scanning**.
   
   Your originals are scanned and a preview appears on the LCD screen.
9. If you need to edit the copy, press the \( \text{\textendash} \) reset button and change any of these settings as necessary:
   
   • **Photo Adjustments**: Select **Fix Photo On** to improve the color, contrast, and sharpness of flawed photos.
   • **Filter**: Select **B&W** to apply a monochrome filter.
   • **Crop/Zoom**: Zoom in and enlarge a part of the photo and crop it.
10. To print more than one copy, press the + and – buttons to increase or decrease the number of copies.

   **Note:** You can also select **Copies** and use the displayed numeric keypad to select the number of copies (up to 99).
11. When you are ready to copy, press the start button.

**Note:** To cancel printing, press the stop button.

**Parent topic:** Copying

**Related references**

Copying Options

**Related tasks**

Placing Originals on the Scanner Glass

**Copying Books, ID Cards, or Borderless Photos**

You can copy two pages of a book or both sides of an ID card onto a single sheet of paper. You can also copy a photo and print it without any borders.

1. Place your originals on the scanner glass.
2. Load the paper you want to print on.
3. Press the home button, if necessary.
4. Select **Various prints**
5. Select **Various copies**.
   
   You see a screen like this:
6. Select one of these options:
   • **ID Card** to scan and copy both sides of an ID card onto one side of paper.
   • **Book Copy** to copy two facing pages of a book onto a single sheet of paper.

   **Note:** Make sure the first page of your original is placed on the scanner glass as described on the LCD screen and press the **OK** button.

   • **Borderless Copy** to make a copy without margins around the edges.

7. To print more than one copy, press the + and – buttons to increase or decrease the number of copies.

   **Note:** You can also select **Copies** and use the displayed numeric keypad to select the number of copies (up to 99).

8. Change any of the displayed settings as necessary.

9. Select the **Advanced Settings** tab to view and change additional copy settings, if necessary.

10. Select **Preview** to preview your copy on the LCD screen.

11. When you are ready to copy, press the ✸ start button.

   **Note:** To cancel printing, press the ✻ stop button.

12. Follow any on-screen instructions to place the rest of your originals and select **Start Scanning**.

**Parent topic:** Copying

**Related references**

Copying Options

**Related tasks**

Placing Originals on the Scanner Glass

---

**Copying Options**

Select the copying options you want to use for your copies.

**Note:** Not all options or settings may be available, depending on other copying settings.
<table>
<thead>
<tr>
<th>Copying option</th>
<th>Available settings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color mode</td>
<td>B&amp;W</td>
<td>Select whether to copy the original in color or black and white</td>
</tr>
<tr>
<td></td>
<td>Color</td>
<td></td>
</tr>
<tr>
<td>2-Sided</td>
<td>1&gt;1-Sided</td>
<td>Select to make 2-sided copies. When you select 1&gt;2-Sided, scroll down and also select the orientation and binding edge for your originals or copies.</td>
</tr>
<tr>
<td></td>
<td>1&gt;2-Sided</td>
<td></td>
</tr>
<tr>
<td>Density selector</td>
<td>Varying levels</td>
<td>Adjusts the lightness or darkness of copies</td>
</tr>
</tbody>
</table>

**Advanced Settings**

<table>
<thead>
<tr>
<th>Copying option</th>
<th>Available settings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Setting</td>
<td>Various settings</td>
<td>Selects the paper size and paper type</td>
</tr>
<tr>
<td>Reduce/Enlarge</td>
<td>Actual Size</td>
<td>Copies the original at its full size or 100% magnification</td>
</tr>
<tr>
<td></td>
<td>Auto Fit Page</td>
<td>Automatically sizes the image to fit the paper size you selected</td>
</tr>
<tr>
<td></td>
<td>45%-&gt;195% and other conversions</td>
<td>Automatically converts from one size to another</td>
</tr>
<tr>
<td>Paper Size</td>
<td>Various sizes</td>
<td>Select the paper size you loaded</td>
</tr>
<tr>
<td>Paper Type</td>
<td>Various paper types</td>
<td>Specifies the paper type you loaded</td>
</tr>
<tr>
<td>Paper Cassette</td>
<td>Cassette</td>
<td>View your paper source settings</td>
</tr>
<tr>
<td>Multi-Page</td>
<td>Single Page</td>
<td>Copies each page of the original onto an individual sheet</td>
</tr>
<tr>
<td></td>
<td>2-up</td>
<td>Copies 2 page documents onto one sheet. Scroll down and select the document orientation and layout order settings as necessary.</td>
</tr>
<tr>
<td>Quality</td>
<td>Standard</td>
<td>Adjusts the quality of your copies</td>
</tr>
<tr>
<td></td>
<td>Best</td>
<td></td>
</tr>
</tbody>
</table>

Parent topic: Copying
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 the Built-in Epson Driver - Windows 10 S
Printing on a Mac
Printing From a Chromebook
Cancelling Printing Using a Product Button

Related tasks
Checking for Software Updates

Printing with Windows

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

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

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. 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, but you cannot use the Borderless setting.

5. If you are printing a borderless photo, select Borderless. You can click Settings to access additional options for borderless printing.

   **Note:** You must select a compatible borderless paper type and size to print without borders. Check the borderless paper compatibility list for details.

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. Select a Color option:
   - To print a color document or photo, select the Color setting.
   - To print text and graphics in black or shades of gray, select the Black/Grayscale setting.

10. To print on both sides of the paper, select a 2-Sided Printing option.

11. 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.

12. To print multiple copies and arrange their print order, select the Copies options.

13. To reduce noise during printing when you select Plain Paper/Bright White Paper, turn on Quiet Mode (printing will be slower).

14. To preview your job before printing, select Print Preview.

15. To save your print job as a project that can be modified and combined with other print jobs, select Job Arranger Lite.

---

**Print Quality Options - Windows**

**Multi-Page Printing Options - 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.

Standard - Vivid
For text and graphics with good quality and print speed.

High
For photos and graphics with high print quality.

More Settings
Opens a window that lets you choose among levels of speed and quality.

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.
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.

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.
   - **Manual (Long-edge binding)** to print your double-sided print job by printing one side and prompting you to flip the paper over on the long edge to print the other side (recommended for paper types that do not support automatic duplexing).
   - **Manual (Short-edge binding)** to print your double-sided print job by printing one side and prompting you to flip the paper over on the short edge to print the other side (recommended for paper types that do not support automatic duplexing).

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.
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

Related tasks
Selecting Basic Print Settings - 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. Select one of the following Color Correction options:
   - Select Automatic to automatically adjust the sharpness, brightness, contrast, and color saturation for your image.
• Select **Custom** and click the **Advanced** button to manually adjust the color correction settings or turn off color management in your printer software.

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

  **Note:** You can also select **Color Universal Print** settings.

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

   • **Anti-Copy Pattern**: adds a watermark that only appears when your printout is copied

     **Note:** This setting is not available for all types of printing.

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

**Custom Color Correction Options - Windows**
**Image Options and Additional Settings - Windows**
**Header/Footer Settings - Windows**

**Parent topic:** Printing with Windows

**Related tasks**

**Selecting Basic Print Settings - Windows**
Custom Color Correction Options - Windows

You can select any of the available options in the Color Correction window to customize the image colors for your print job.

**Color Controls**

Lets you select a **Color Mode** setting, individual settings for **Brightness**, **Contrast**, **Saturation**, and **Density**, and individual color tones. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

**Fix Photo**

Improves the color, contrast, and sharpness of flawed photos.

**Note:** Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.
ICM
Lets you manage color using installed color printing profiles.

No Color Adjustment
Turns off color management in your printer software so you can manage color using only your application software.

Parent topic: Selecting Additional Layout and Print Options - 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.

Fix Red-Eye
Reduces or removes red-eye in photos.

Print Text in Black
Prints colored text in black.

For Color Text
Prints colored text on a background pattern or underlined.

For Color Graphs and Images
Prints colored graphics and images with overlay patterns.

For Color Text, Graphs, and Images
Prints colored text, graphics, and images with overlay patterns.

Enhancement Options
Specifies Color Universal Print enhancement settings for text, graphics, and images.

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.

You can select to print the following information:
• User Name
• Computer Name
• Date
• Date/Time
• Document Name
• Collate Number (copy number)

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

   ![Printing Presets]

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 icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click.
2. Select Printer Settings.
3. Click the Maintenance tab.

You see the maintenance options:
4. Click the **Extended Settings** button.
   You see this window:

   ![Extended Settings Window](image)

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.

   **Extended Settings - Windows**

   **Parent topic:** [Printing with Windows](#)

   **Extended Settings - Windows**

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

   **Enable EPSON Status Monitor 3**
   Enables product monitoring for ink and paper supplies and other issues.

   **Separator Page**
   Before each document, prints a separator page containing the title, user, date, and time.

   **Remove white borders**
   Removes white margins that may appear when you print borderless photos.
Always Spool RAW Datatype
Increases print speed and may solve other printing problems.

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

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

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

Change Standard Resolution
Reduces the resolution of print data to correct printing problems.

Refine screening pattern
Prints graphics with a finer screening pattern.

Allow Applications to Perform ICM Color Matching
Allows applications to perform ICM color matching.

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.

Output 1 page documents facedown in 2-Sided mode
Outputs single-sided pages in a 2-sided print job facedown instead of faceup.

Output documents for filing
Outputs all landscape, portrait, 1-sided, and 2-sided documents in the same orientation for easier filing.

Barcode mode
Reduces bleeding when printing barcodes on plain paper, letterhead paper, recycled paper, preprinted paper, envelopes, and thick paper.

Parent topic: Selecting Extended Settings - 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:

![Print window]

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

Checking Print Status - Windows

Parent topic: Printing with Windows

Related tasks
Selecting Basic Print Settings - Windows
Checking Print Status - Windows

During printing, you see this window showing the progress of your print job. It allows you to control printing and check ink cartridge status.

- To cancel printing, click Cancel.
- To see print jobs waiting to print, click Print Queue.
- To check ink status, click Consumables Status.

Parent topic: Printing Your Document or Photo - 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 icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
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 icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select Printer Settings.
You see the printer settings window.

3. Click the **Maintenance** tab.

   You see the maintenance options:

   ![Maintenance tab](image)

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 icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .

2. Select **Software Update Settings**.

You see this window:

![Software Update Settings](image)

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

**Printing with the Built-in Epson Driver - Windows 10 S**

You can print with the built-in Epson printer driver using any printing program on Windows 10 S, as described in these sections.

**Note:** The built-in Epson driver in Windows 10 S does not include all the available print settings for your product. To print with additional settings, download and install the Epson Print and Scan utility from the Windows Store. You cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.
Selecting Print Settings - Windows 10 S

Select the settings for your print job in your Windows 10 S application.

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 a window like this:
4. Select the type of paper you loaded as the Media setting.

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

5. Click the Advanced button.
You see a window like this:

![Advanced Options Window]

6. Select the size of the paper you loaded as the Paper Size setting.
7. To print multiple copies, select or enter the number as the Copy Count setting.
8. To print multiple copies of multi-page documents in sets, select the Collated checkbox.
9. Click OK.
You return to the printing preferences window.
10. Select the **Layout** tab.

11. Select the orientation of your document as the **Orientation** setting.
12. To print double-sided, select one of the **Print on Both Sides** options, depending on how you want to orient the page layout. The icon next to each option shows the layout.

![Print on Both Sides options](image)

13. Click **OK** to save your settings.
   
   You see your application’s **Print** window.

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

**Parent topic:** [Printing with the Built-in Epson Driver - Windows 10 S](#)

### Printing on a Mac

You can print with your product using any Mac 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 - Mac](#)
- [Selecting Page Setup Settings - Mac](#)
Selecting Basic Print Settings - Mac

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 your version of the Mac operating system 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 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.

10. Select the Print Quality setting you want to use.
11. Select the Borderless checkbox if you want to print a borderless photo. If the option is grayed out, change the Media Type setting to a paper type that supports borderless printing.
12. Select any of the available print options.

   Print Quality Settings - Mac
   Print Options - Mac

   **Parent topic:** Printing on a Mac

   **Related references**
   Paper or Media Type Settings - Printing Software
Print Quality Settings - Mac

You can select any of the **Print Quality** settings 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 photo paper.

**Normal**
For everyday text and image printing.

**Normal - Vivid**
For everyday text and image printing with good quality and print speed.

**Fine**
For text and graphics with good quality and print speed.

**Quality**
For photos and graphics with good quality and print speed.

**Best Quality**
For the best print quality, but the slowest print speed.

Parent topic: Selecting Basic Print Settings - Mac

Print Options - Mac

You can select any of the print options to customize your print. Some options may be unavailable, depending on other settings you have chosen.

**Expansion**
If you selected a borderless paper size setting, this option adjusts the image expansion settings to control printing at the edges of borderless prints.

**Grayscale**
Prints text and graphics in black or shades of gray.

**Mirror Image**
Lets you flip the printed image horizontally.
Note: If you select the Min option for the Expansion setting, you may see white borders on your printed photo.

Parent topic: Selecting Basic Print Settings - Mac

Selecting Page Setup Settings - Mac

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

![Paper Size and Orientation Options]

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. If you are printing a borderless photo, select the Borderless checkbox or a paper size with a Borderless option. You can also select a custom setting to create a custom paper size, but the Quality setting will be limited to Normal.

   Note: You must select a compatible borderless paper type and size to print without borders. Check the borderless paper compatibility list for details.

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 on a Mac
Selecting Print Layout Options - Mac

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 on a Mac
Selecting Double-sided Printing Settings - Mac

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

![Two-sided Printing Settings](image)

**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 Mac OS version 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 - Mac

Parent topic: Printing on a Mac

Double-sided Printing Options and Adjustments - Mac

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 - Mac

Managing Color - Mac

You can adjust the Color Matching and Color Options 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.
3. Select **Color Options** from the pop-up menu in the print window.

![Color Options menu](image)

**Note:** The available settings on the Color Options menu depend on the option you selected on the Color Matching menu.

4. Select one of the available options.

**Color Matching and Color Options - Mac**

**Parent topic:** Printing on a Mac

**Color Matching and Color Options - Mac**

You can select from these settings on the **Color Matching** and **Color Options** menus.

**Color Matching Settings**

**EPSON Color Controls**

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

**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.
Color Options Settings

Manual Settings
Lets you select manual color adjustments. Click the arrow next to Advanced Settings and select settings for Brightness, Contrast, Saturation, and individual color tones. You can also select a color Mode setting for printing photos and graphics and the Fix Red-Eye setting to reduce or remove red-eye in photos. Depending on the selected color mode, you can also adjust the midtone density using the Gamma setting.

Fix Photo
Improves the color, contrast, and sharpness of flawed photos. Click the arrow next to Advanced Settings and select the Fix Red-Eye setting to reduce or remove red-eye in photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject’s face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off Fix Photo to retain the special color effects.

Off (No Color Adjustment)
Turns off color management in your printer software so you can manage color using only your application software.

Note: An ICC profile is required if color management is turned off.

Parent topic: Managing Color - Mac

Selecting Printing Preferences - Mac
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:

![Printing Preferences - Mac](image)

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

**Printing Preferences - Mac**

**Parent topic:** Printing on a Mac

**Printing Preferences - Mac**

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

**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.

**Permit temporary black printing**

Allows you to print using black ink when color ink is expended.

**High Speed Printing**

Speeds up printing but may reduce print quality.
Output documents for filing
Outputs all landscape, portrait, 1-sided, and 2-sided documents in the same orientation for easier filing.

Remove white borders
Removes white margins that may appear when you print borderless photos.

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.

Parent topic: Selecting Printing Preferences - Mac

Printing Your Document or Photo - Mac
Once you have selected your print settings, you are ready to print.
Click Print at the bottom of the print window.
Parent topic: Printing on a Mac
Related tasks
Selecting Basic Print Settings - Mac
Checking Print Status - Mac

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:

   ![Print Status Window]

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

   • To cancel printing, click the print job and click \[\text{Delete}\] or Delete.
   
   • To pause a print job, click the print job and click \[\text{Hold}\] or Hold. To resume a print job, click the paused print job and click \[\text{Resume}\] or Resume.
   
   • To pause printing for all queued print jobs, click \[\text{Pause}\] or Pause Printer.
   
   • To display other printer information, click \[\text{Settings}\] or Supply Levels.

Parent topic: Printing Your Document or Photo - Mac

Printing From 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.
8. To print to the connected product, select the print command in your Chrome app.

Your product is now linked to your Google Account and can be accessed from any Chromebook where you are logged in, as long as you have Internet access. Visit Epson Support for Google Cloud Print (U.S) or Epson Support for Google Cloud Print (Canada) for more information on using Google Cloud Print, or the Google Cloud Print website for a list of supported apps.

**Parent topic:** Printing from a Computer

**Related tasks**

Using Google Cloud Print

**Related topics**

Wi-Fi Networking
Cancelling Printing Using a Product Button

If you need to cancel printing, press the ☐️ stop button.

Parent topic: Printing from a Computer
Scanning

You can scan your originals and save them as digital files.
Starting a Scan
Scanning in Epson Scan 2
Scanning to Online Destinations Using Easy Photo Scan

Starting a Scan

After placing your originals on your product for scanning, start scanning using one of these methods.
Starting a Scan Using the Product Control Panel
Starting a Scan Using the Epson Scan 2 Icon
Starting a Scan from a Scanning Program
Starting a Scan from a Smart Device

Parent topic: Scanning
Related tasks
Placing Originals on the Scanner Glass

Starting a Scan Using the Product Control Panel

You can scan an image to a variety of destinations using your product's control panel.

1. Make sure you installed the product software and connected the product to your computer or network.
   
   Note: Restart your computer after installing the product software to enable scanning from the control panel.

2. Place your original on the product for scanning.
3. Press the 🏠 home button, if necessary.
4. Select Scan.
5. Select one of the following **Scan to** options:
   - **Memory Device** saves your scan file on a USB device or memory card and lets you select the file format, quality, and other settings.
   - **Computer** lets you scan to a connected computer using your saved scan settings.
   - **Cloud** sends your scanned files to a destination that you have registered with Epson Connect.
   - **Computer (WSD)** lets you manage network scanning in Windows 10, Windows 8.x, Windows 7, or Windows Vista (English only). To use this feature, you must first set up WSD (Web Services for Devices) on the computer.

6. Follow the instructions in the links below to complete your scan.

   - Scanning to a Memory Device
   - Scanning to a Connected Computer
   - Scanning to the Cloud
   - Scanning Using Web Services for Devices (WSD) - Windows
   - Control Panel Scanning Options
   - Changing Default Scan Job Settings

**Parent topic:** Starting a Scan

**Related tasks**

- Placing Originals on the Scanner Glass
Scanning to a Memory Device

You can scan an original and save the scanned image to a memory card.

1. Insert a memory card into your product's memory card slot.
2. Place your original on the product for scanning.
3. Press the home button, if necessary.
4. Select Scan.

You see a screen like this:

![Scan to Memory Device screen](image)

5. Select Memory Device.
You see a screen like this:

![Scan settings screen]

6. Change any of the displayed settings on the Scan tab as necessary.
7. Select the Advanced Settings tab to view and change additional scan settings, if necessary.
8. On the Scan tab, press the start button to start scanning.

Your product scans your original and saves the scanned file to a memory device.

Parent topic: Starting a Scan Using the Product Control Panel

Related references
Control Panel Scanning Options

Related topics
Using Memory Cards with Your Product

Scanning to a Connected Computer

You can scan an original and save it to a connected computer using your product's control panel. The computer must be connected using a USB cable or connected to the same network as your product.

You can save the scanned file as a JPEG or PDF file, or attach it to an email. You can also set up custom scan settings using Event Manager and automatically scan using those settings on your product control panel.

Note: Be sure you have installed Epson Scan 2 and Event Manager on your computer before scanning to your computer.
1. Place your original on the product for scanning.
2. Press the home button, if necessary.
3. Select **Scan**.
   
   You see a screen like this:

   ![Scan screen](image)

   ![Scan to options](image)

4. Select **Computer**.
   
   You see a screen like this:

   ![Scan to Computer](image)

   ![Save as PDF](image)

**Note:** Select **OK** to close the information screen, if necessary.
5. Select **Select a computer** and choose one of the following options:
   • If your computer is connected to your product over a network, select a connected computer from the displayed list. (If the computer is not listed, select **Search Again**.)
   • If you computer is connected to your product using a USB cable, select **USB Connection**.

6. Select **Save as PDF** and choose one of the following options:
   • **Save as JPEG** to save the scanned image as a JPEG file.
   • **Save as PDF** to save the scanned document or image as a PDF file.
   • **Attach to email** to open the default email software on your computer and save the scanned document or images as a JPEG email attachment.
   • **Follow custom setting** to save the scanned document or image using custom settings you have selected using the Event Manager custom scan settings option.

   **Note:** You can customize the settings for each of the options above using Event Manager.

7. Press the ◇ start button to start scanning.
   Your product scans your original and saves the scanned file to your computer.

Parent topic: Starting a Scan Using the Product Control Panel

Related references

Control Panel Scanning Options

**Scanning to the Cloud**

You can use the control panel to send your scanned files to a destination that you have registered with Epson Connect.

**Note:** Make sure to set up your product using Epson Connect before using this feature.

1. Place your original on the product for scanning.
2. Press the ◄ home button, if necessary.
3. Select **Scan**.
You see a screen like this:

4. Select **Cloud**.
   
   You see a screen like this:

   ![Scan tab screen]

5. Change any of the displayed settings on the **Scan** tab as necessary.
6. Select the **Advanced Settings** tab to view and change additional scan settings, if necessary.
7. On the **Scan** tab, press the start button to start scanning.
   
   Your product scans your original and saves the scanned file to the selected destination.
You can scan originals to a computer from the product control panel using WSD (Web Services for Devices) for network scanning in Windows 10, Windows 8.x, Windows 7, or Windows Vista (English only).

**Note:** To use this feature on Windows 7 or Windows Vista, you must first set up WSD on the computer. See Windows help for instructions.

1. Make sure you installed the product software and connected the product to your computer or network.
2. Place your original on the product for scanning.
3. Press the home button, if necessary.
4. Select Scan.
   
   You see a screen like this:
5. Select **Computer (WSD)**.
6. Select a computer.
7. Press the start button to start scanning.
   Your product scans your original and saves the scanned file to the selected computer.

**Parent topic:** Starting a Scan Using the Product Control Panel

**Related references**

Control Panel Scanning Options

Select the options you want to use for scanning.

**Note:** Not all options or settings may be available, depending on the **Scan to** option selected.

<table>
<thead>
<tr>
<th>Scan to setting</th>
<th>Available options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Mode</td>
<td>B&amp;W</td>
<td>Select whether to scan images in color or black and white</td>
</tr>
<tr>
<td></td>
<td>Color</td>
<td></td>
</tr>
<tr>
<td>File Format</td>
<td>JPEG</td>
<td>Select for photos</td>
</tr>
<tr>
<td></td>
<td>PDF</td>
<td>Select for documents</td>
</tr>
<tr>
<td>Original Type</td>
<td>Text</td>
<td>Specifies the type of original you are scanning</td>
</tr>
<tr>
<td></td>
<td>Photo</td>
<td></td>
</tr>
<tr>
<td>Resolution</td>
<td>200dpi</td>
<td>Select for documents</td>
</tr>
<tr>
<td></td>
<td>300dpi</td>
<td>Select for photos</td>
</tr>
<tr>
<td></td>
<td>600dpi</td>
<td>Select for highest quality printing</td>
</tr>
<tr>
<td>Scan Settings</td>
<td>Letter</td>
<td>Select the page size for documents, then select the orientation of the original</td>
</tr>
<tr>
<td></td>
<td>A4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Auto Cropping</td>
<td>Select for photos with dark edges</td>
</tr>
<tr>
<td></td>
<td>Max Area</td>
<td>Select for most photos</td>
</tr>
<tr>
<td>Contrast</td>
<td>Varying levels</td>
<td>Adjusts the lightness or darkness of scanned images</td>
</tr>
</tbody>
</table>

**Parent topic:** Starting a Scan Using the Product Control Panel
Changing Default Scan Job Settings

You can view or change the default scan job settings your product uses when you scan to your computer. You do this using the Event Manager program.

1. Do one of the following to open Event Manager:
   - **Windows 10**: Click and select EPSON Software > Event Manager.
   - **Windows 8.x**: Navigate to the Apps screen and select Event Manager.
   - **Windows (other versions)**: Click or Start > All Programs or Programs > EPSON Software > Event Manager.
   - **Mac**: Open the Applications folder, click Epson Software, and select Event Manager.

2. Open the Scanner (Windows) or Select Scanner (Mac) drop-down list and select your product, if necessary.

3. Click Make Job Settings.

4. Open the Edit Job Settings drop-down list and select the scan job settings you want to view or change.

5. Change the settings as necessary.

6. Click OK.

7. Click Close to close the Event Manager window.

Parent topic: Starting a Scan Using the Product Control Panel

Starting a Scan Using the Epson Scan 2 Icon

You can start the Epson Scan 2 program to select scan settings, scan, and save the scanned image to a file.

**Note**: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

- **Windows 10**: Click and select EPSON > Epson Scan 2.
- **Windows 8.x**: Navigate to the Apps screen and select Epson Scan 2.
- **Windows (other versions)**: Click or Start, and select All Programs or Programs. Select EPSON > Epson Scan 2 > Epson Scan 2.
• **Mac**: Open the **Applications** folder, open the **Epson Software** folder, and select **Epson Scan 2**. You see an Epson Scan 2 window like this:
Parent topic: Starting a Scan

Starting a Scan from a Scanning Program

You can start Epson Scan 2 from a TWAIN-compliant scanning program to select scan settings, scan, and open the scanned image in the program.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

1. Open your scanning program and select its scanning option. (See your scanning program help for instructions.)
2. Select your product.

Note: In certain programs, you may need to select your product as the "source" first. If you see a Select Source option, choose it and select your product. With Windows, do not select a WIA option for your product; not all scan functions will be available.
You see an Epson Scan 2 window like this:
Parent topic: Starting a Scan

Starting a Scan from a Smart Device

You can start a scan from a smart device using the Epson iPrint app. You can save the scanned document to your device or a cloud service, e-mail it, or print it.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

Note: Your device must be connected to the same wireless network as your Epson product.

1. Download the Epson iPrint app from your device's app store or from Epson's website.
2. Place your original on the product for scanning.
3. Open the Epson iPrint app and select your product.
4. Select the scan settings and scan your original.
5. Save your scanned image to a file or cloud location.

Parent topic: Starting a Scan

Related tasks
Using the Epson iPrint Mobile App

Scanning in Epson Scan 2

Epson Scan 2 automatically scans your document and saves the scanned file in PDF format in your operating system's Documents or My Documents folder, or opens it in your scanning program. You can select settings, preview, and change the scanned file settings as necessary.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

1. Start Epson Scan 2.
You see this window:
2. Select the **Mode** setting that matches the type of original you are scanning.
3. Select the **Document Source** setting that matches where you placed your original.
4. Select the **Document Size** setting that matches the size of your original. You can select **Customize** to enter a custom size, if necessary.
5. Select the image type of your original and how you want it scanned as the **Image Type** setting.
6. Select the **Resolution** setting you want to use for your scan.
7. Click the **Preview** button.
   Epson Scan 2 previews your original and displays the results in the Epson Scan 2 window.
8. Select any of the additional settings that you want to use on the Main Settings tab.
9. Do one of the following:
   - If you’re scanning in Document Mode, select any of the additional settings that you want to use on the Main Settings tab.
   - If you’re scanning in Photo Mode, select the **Color Management** and **Thumbnail Options** settings as necessary.
10. Click the **Advanced Settings** tab and select any settings that you want to use.
11. Select the format in which you want to save your scanned file as the **Image Format** setting. If necessary, select **Options** and select any desired format options.

12. Enter the file name for your scanned file in the **File Name** field. If necessary, select **Settings** to modify the file name settings.

13. Select the location in which you want to save your scanned file as the **Folder** setting. If necessary, select **Select** to create a new folder.

14. Click **Scan**.
   The product scans your original and saves the scanned file in the location you specified.

**Additional Scanning Settings - Main Settings Tab**
You can select these additional scanning settings on the Epson Scan 2 Main Settings tab. Not all adjustment settings may be available, depending on other settings you have chosen.

**Rotate**
Rotates the original image clockwise to the desired angle before scanning it. Select **Auto** to allow your product to automatically rotate the image based on the orientation of the text (may take longer to scan).

**Correct Document Skew**
Corrects skewed originals, image contents, or both.

**Add or edit pages after scanning**
Lets you add, remove, or edit the pages in a scan, including rotating pages and changing the page order.

**Note:** To save multiple pages in a single file, you must select a file format that supports multiple pages such as **PDF** or **Multi-TIFF**. If you select another file format, each scanned image or page is saved as a separate file.

**Parent topic:** Scanning in Epson Scan 2
**Additional Scanning Settings - Advanced Settings Tab**

You can select these additional scanning settings on the Epson Scan 2 Advanced Settings tab. Not all adjustment settings may be available, depending on other settings you have chosen.

**Color Restoration**
- Restores the colors in faded photos automatically.

**Backlight Correction**
- Removes shadows from photos that have too much background light.

**Dust Removal**
- Removes dust marks from your originals automatically.

**Remove Background**
- Removes the background of the originals.

**Text Enhancement**
- Sharpens the appearance of letters in text documents.

**Auto Area Segmentation**
- Makes black and white images clearer and text recognition more accurate by separating the text from the graphics.

**Threshold**
- Adjusts the level at which black areas in text and line art are delineated, improving text recognition in OCR (Optical Character Recognition) programs.

**Color Enhance**
- Enhances the shades of the color you select in the scanned image. This setting is available only if you select **Grayscale** or **Black & White** as the Image Type setting.

**Brightness**
- Adjusts the overall lightness and darkness of the scanned image.

**Contrast**
- Adjusts the difference between the light and dark areas of the overall scanned image.

**Saturation**
- Adjusts the density of colors in the overall image.

**Gamma**
- Adjusts the midtone density of the scanned image.

**Unsharp Mask**
- Makes the edges of certain image areas clearer. Turn off this option to leave softer edges.
**Descreening**  
Removes the ripple pattern that might appear in subtly shaded image areas, such as skin tones. This option improves results when scanning magazines or newspapers. (The results of descreening do not appear in the preview image, only in your scanned image.)

**Edge Fill**  
Corrects shadowing around the edges of the image by filling the shadows with black or white.

**Dual Image Output**  
Scans the original image twice using different output settings (Windows only).

**Parent topic:** Scanning in Epson Scan 2

### Saving Scanned Documents as a Searchable PDF Using Epson Scan 2

You can scan a document and save the text in a searchable PDF. In a searchable PDF, text is recognized using Optical Character Recognition (OCR) and then embedded in the scanned original.

**Note:** The required Epson Scan 2 OCR Component is installed automatically when you install your product software as instructed on the *Start Here* sheet. If you install your scanner software programs individually, be sure to also install this component if you want to perform OCR.

1. Load your original in the product for scanning.
2. Start Epson Scan 2.
3. Select your scan settings.
4. Click **Preview** and adjust the area you want to scan, if necessary.
5. Select **Searchable PDF** as the Image Format setting.
6. Select **Options** from the Image Format list.
You see this window:

7. Select any of the options on the **General** tab.
8. Select the **Text** tab.
9. Make sure the language used in the document text is selected as the **Text Language** setting.
10. Select the **Security** tab if you want to add a password to the PDF or protect printing or editing properties.
11. Click **OK**.
12. Confirm the **File Name** setting and select a **Folder** setting for your document.
13. Click **Scan**.
   
   The scanned image is saved as a searchable PDF.

**Parent topic:** Scanning in Epson Scan 2

**Image Format Options**

You can select different image formats and related options. For details on available options, click the ? icon on the Epson Scan 2 Image Format Options window. Not all image formats have options.
Bitmap (*.bmp)
A standard image file format for most Windows programs.

JPEG (*.jpg)
An image format that lets you highly compress image data. However, the higher the compression, the lower the image quality. (The TIFF format is recommended when you need to modify or retouch your scanned image.)

PNG (*.png)
An image format that does not lose quality during editing.

TIFF (*.tif)
A file format created for exchanging data between many programs, such as graphic and DTP software.

Multi-TIFF (*.tif)
A TIFF file format when multiple pages are saved to the same file, allowing you to edit the images using a compatible program.

PDF (*.pdf)
A document format that is readable by Windows and Mac systems using Adobe Reader, Acrobat, or other programs. You can save multi-page documents in one PDF file.

Searchable PDF (*.pdf)
A document format that is readable by Windows and Mac systems using Adobe Reader, Acrobat, or other programs. You can save multi-page documents in one PDF file. Recognized text in the scanned document can be searched.

Parent topic: Scanning in Epson Scan 2

Scan Resolution Guidelines
The Resolution setting, measured in dpi (dots per inch), controls the amount of detail captured in your scans. Increasing the resolution raises the amount of detail captured but comes with the following disadvantages:

• Larger file sizes
• It takes longer to scan your originals, send/receive your scans by email or fax, and to print your scans
• The image may become too large to fit on your display or print on paper

If you plan to enlarge a scanned image so you can print it at a larger size, you may need to increase the resolution from the default resolution set by Epson Scan 2. Follow these guidelines to determine the resolution setting you need:

• You will scan the image at its original size but enlarge it later in an image-editing program.
Increase the Epson Scan 2 Resolution setting in your scan. Increase the resolution by the same amount you will increase the image size to retain a high image quality. 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.

- You will scan the image at 100% or smaller size.

Select the Epson Scan 2 Resolution setting based on how you will use the scanned image:

- Email/view on a computer screen/post on the web: 96 to 200 dpi
- Print/fax/convert to editable text (OCR)/create searchable PDF: 200 to 300 dpi

Parent topic: Scanning in Epson Scan 2

Scanning to Online Destinations Using Easy Photo Scan

You can scan documents or photos and upload them to Facebook and other online destinations, such as photo-sharing sites, web servers, or network folders using Easy Photo Scan.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

Scanning Using Easy Photo Scan
Uploading Scanned Images to Facebook
Uploading Scanned Images to Google Photos
Uploading Scanned Images to Evernote
Uploading Scanned Images to SugarSync
Uploading Scanned Images to a Web Folder
Uploading Scanned Images to Email
Saving Scanned Images to a Folder
Epson JPEG File Settings
Epson TIFF and Multi-TIFF File Settings

Parent topic: Scanning
1. Place your original on your product for scanning.
2. Do one of the following to open Easy Photo Scan:
   - **Windows 10**: Click and select Epson Software > Easy Photo Scan. Select your product and click OK, if necessary.
   - **Windows 8.x**: Navigate to the Apps screen and select Easy Photo Scan. Select your product and click OK, if necessary.
   - **Windows (other versions)**: Click or Start, and select All Programs or Programs. Select Epson Software > Easy Photo Scan. Select your product and click OK, if necessary.
   - **Mac**: Open the Applications folder, select Epson Software, and select Easy Photo Scan. Select your product and click OK, if necessary.

   You see a window like this:

   ![Easy Photo Scan window]

   3. Click the Scan icon.

   Your scanning program launches.

   4. Click Scan in the window that appears to scan your original.
The scanned image is displayed in the Easy Photo Scan window with an automatically generated name.

**Note:** You may need to close the scanning program window to display Easy Photo Scan.

5. To edit the name of the file, select the image thumbnail at the bottom of the screen, click the icon, and enter the new filename.

6. To edit the scanned image, click the Edit icon and select one of the displayed options.

**Note:** See the Easy Photo Scan help for additional information on image editing options.

7. Repeat these steps for each image you want to upload.

8. When you finish scanning, click one of the destination icons to upload the images.

**Note:** You may need to click the arrow next to the icons in order to see all of them. The available icons may vary, depending on the software version you are using.

Parent topic: Scanning to Online Destinations Using Easy Photo Scan

Related tasks
- Uploading Scanned Images to Facebook
- Uploading Scanned Images to Google Photos
- Uploading Scanned Images to Evernote
- Uploading Scanned Images to SugarSync
- Uploading Scanned Images to a Web Folder
- Uploading Scanned Images to Email

**Uploading Scanned Images to Facebook**

You can configure a Facebook account for use with Easy Photo Scan and upload your scanned images to it.

1. Scan your original using Easy Photo Scan.
2. Click the icon.
   
   You see a window like this:

   ![Transfer Settings Window]

   **Note:** If you have already configured a Facebook account in Easy Photo Scan, you can select the Setting Name or Destination Name for the account, click Login if necessary, and click Send to upload your images.

3. Click Login.
4. On the Application Authentication screen, log in to your Facebook account.

   **Note:** To enable automatic image uploading, select the option for staying logged in.
5. Select an album from the **Album** list.  

**Note:** If you cannot select an album, make sure the Setting Name is set to **(No Selection)**, click **Login** to log in to your Facebook account, and try again. If you want to create a new album, you must create it directly in Facebook.

6. Select the image format for the uploaded files from the **File** or **File Type** list.

7. If there are options for the selected file format, click **Options** or **Option** and select the options you want.

8. If you also want to save the images to a local folder, select the **Copy the image(s) to a local folder** checkbox and select a folder.

9. If you want to save the current settings, click **Edit**, or the **Setting Name** or **Destination Name** field, and select **Save As**. Enter a name for the setting and click **OK**.

10. Click **Send** to upload the images to your Facebook account, or click **Cancel** to cancel the operation.

**Parent topic:** Scanning to Online Destinations Using Easy Photo Scan

**Related references**

Epson JPEG File Settings  
Epson TIFF and Multi-TIFF File Settings

**Related tasks**

Saving Scanned Images to a Folder

**Uploading Scanned Images to Google Photos**

You can configure a Google Photos account for use with Easy Photo Scan and upload your scanned images.

1. Scan your original using Easy Photo Scan.

2. Click the icon.
You see a window like this:

![Transfer Settings window](image)

**Note:** If you have already configured a Google Photos account in Easy Photo Scan, you can select the **Setting Name** or **Destination Name** for the account, click **Login** if necessary, and click **Send** to upload your images.

3. Click **Login**.
4. On the Application Authentication screen, log into your Google account.
5. Click **Accept** to allow Easy Photo Scan to upload images to your account. An authentication code is generated.
6. Copy the authentication code into the **Please enter authentication code** field and click **OK**.
7. Select an album from the **Album** list.

   **Note:** If you cannot select an album, make sure the Setting Name is set to **(No Selection)**, click the **Login** button to log into your Google Photos account, and try again. If you want to create a new album, you must create it directly in Google Photos.

8. Select an **Image Size** option for the uploaded images.

9. Select the image format for the uploaded files from the **File** or **File Type** list.

10. If there are options for the selected file format, click **Options** or **Option** and select the options you want.

11. If you also want to save the images to a local folder, select the **Copy the image(s) to a local folder** checkbox and select a folder.

12. If you want to save the current settings, click **Edit**, or the **Setting Name** or **Destination Name** field, and select **Save As**. Enter a name for the setting and click **OK**.

13. Click **Send** to upload the images to your Google Photos account, or click **Cancel** to cancel the operation.

**Parent topic:** Scanning to Online Destinations Using Easy Photo Scan

**Related references**

- **Epson JPEG File Settings**
- **Epson TIFF and Multi-TIFF File Settings**

**Related tasks**

- **Saving Scanned Images to a Folder**

**Uploading Scanned Images to Evernote**

You can configure an Evernote account for use with Easy Photo Scan and upload your scanned images to it (Windows only).

**Note:** You must install Evernote before you can use it with Easy Photo Scan.

1. Scan your original using Easy Photo Scan.
2. Click the icon.
You see a window like this:

![Transfer Settings window]

**Note:** If you have already configured an Evernote account in Easy Photo Scan, you can select the **Setting Name** or **Destination Name** for the account and click **Send** to upload your images.

3. Select a notebook from the **Notebook** list.

   **Note:** If you want to create a new notebook, you must create it directly in Evernote.

4. Select the image format for the uploaded files from the **File** or **File Type** list.

5. If there are options for the selected file format, click **Options** or **Option** and select the options you want.

6. If you also want to save the images to a local folder, select the **Copy the image(s) to a local folder** checkbox and select a folder.
7. If you want to save the current settings, click Edit, or the Setting Name or Destination Name field, and select Save As. Enter a name for the setting and click OK.

8. Click Send to upload the images to your Evernote account, or click Cancel to cancel the operation.

Parent topic: Scanning to Online Destinations Using Easy Photo Scan

Related references
Epson JPEG File Settings
Epson TIFF and Multi-TIFF File Settings

Related tasks
Saving Scanned Images to a Folder
Uploading Scanned Images to SugarSync

You can configure a SugarSync account for use with Easy Photo Scan and upload your scanned images.

1. Scan your original using Easy Photo Scan.

2. Click the icon.
You see a window like this:

![Transfer Settings window](image)

**Note:** If you have already configured a SugarSync account in Easy Photo Scan, you can select the **Setting Name** or **Destination Name** for the account and click **Send** to upload your images.

3. Enter the account information in the **E-Mail Address** and **Password** fields.

4. Select a **Place** option for the uploaded images.

   **Note:** In SugarSync, the Magic Briefcase is now called "My SugarSync". Uploads to the Magic Briefcase appear in the My SugarSync folder.

5. Enter a folder name in the **Folder** field.

   If you enter the name of an existing folder, the images are uploaded to that folder. If the folder does not exist, a new folder with that name is created.
6. If you want to replace existing files with the same name with the uploaded images, click the **Overwrite file(s) with the same name** checkbox.

7. Click **Check Connection** to test whether the SugarSync account information is correct.

8. Select the image format for the uploaded files from the **File** or **File Type** list.

9. If there are options for the selected file format, click **Options** or **Option** and select the options you want.

10. If you also want to save the images to a local folder, select the **Copy the image(s) to a local folder** checkbox and select a folder.

11. If you want to save the current settings, click **Edit**, or the **Setting Name** or **Destination Name** field, and select **Save As**. Enter a name for the setting and click **OK**.

12. Click **Send** to upload the images to your SugarSync account, or click **Cancel** to cancel the operation.

**Parent topic:** Scanning to Online Destinations Using Easy Photo Scan

**Related references**

- Epson JPEG File Settings
- Epson TIFF and Multi-TIFF File Settings

**Related tasks**

- Saving Scanned Images to a Folder

**Uploading Scanned Images to a Web Folder**

You can upload your scanned images to a Web Folder (WebDAV) using Easy Photo Scan.

1. Scan your original using Easy Photo Scan.

2. Click the **Web Folder** icon.
You see a window like this:

![Transfer Settings Window](image)

Note: If you have already configured a Web Folder account in Easy Photo Scan, you can select the Setting Name or Destination Name for the account and click Send to upload your pictures.

3. Enter the Web Folder URL in the Address field.
4. Enter the login information in the User Name and Password fields.
5. If you want to replace existing files with the same name with the uploaded images, click the Overwrite file(s) with the same name checkbox.
6. Click Check Connection to test whether the account information is correct.
7. Select the image format for the uploaded files from the File or File Type list.
8. If there are options for the selected file format, click Options or Option and select the options you want.
9. If you also want to save the images to a local folder, select the **Copy the image(s) to a local folder** checkbox and select a folder.

10. If you want to save the current settings, click **Edit**, or the **Setting Name** or **Destination Name** field, and select **Save As**. Enter a name for the setting and click **OK**.

11. Click **Send** to upload the images to your Web Folder, or click **Cancel** to cancel the operation.

**Parent topic:** Scanning to Online Destinations Using Easy Photo Scan

**Related references**
- Epson JPEG File Settings
- Epson TIFF and Multi-TIFF File Settings

**Related tasks**
- Saving Scanned Images to a Folder

**Uploading Scanned Images to Email**

You can save your scanned images to a local network folder and send them by email using Easy Photo Scan.

**Note:** With Windows, Easy Photo Scan supports Microsoft Outlook 2000/2002/2003/2007/2010 (x86)/2013 (x86) and Windows Mail/Windows Live Mail. If you do not have one of these email applications, Easy Photo Scan saves the images, but the email application does not open.

1. Scan your original using Easy Photo Scan.
2. Click the icon.

   You see a window like this:
**Note:** On a Mac, you also enter an email address and email text in the window. If you have already configured email settings in Easy Photo Scan, you can select them using the **Destination Name** field.

3. Select the image format for the saved files from the **File** or **File Type** list.

4. If there are options for the selected file format, click **Options** or **Option** and select the options you want.

5. Do one of the following:
   - **Windows**: Click **Browse** to choose the folder where you want to save the images. Then click **OK** to save the images to the folder and launch your email program, or click **Cancel** to cancel the operation.
   - **Mac**: If you also want to save the images to a local folder, select the **Copy the image(s) to a local folder** checkbox and select a folder. Then click **Send**, or click **Cancel** to cancel the operation.

**Parent topic:** Scanning to Online Destinations Using Easy Photo Scan

**Related references**
- Epson JPEG File Settings
- Epson TIFF and Multi-TIFF File Settings

**Related tasks**
- Saving Scanned Images to a Folder

**Saving Scanned Images to a Folder**

You can save your scanned images to a local network folder using Easy Photo Scan.

1. Scan your original using Easy Photo Scan.

2. Click the 📦 icon.
You see a window like this:

![Folder dialog box]

3. Select the image format for the saved files from the **File** or **File Type** list.
4. If there are options for the selected file format, click **Options** and select the options you want.
5. Click **Browse** or the **Save in field** to choose the folder where you want to save the images.
6. Click **OK** to save the images to the folder, or click **Cancel** to cancel the operation.

**Parent topic:** Scanning to Online Destinations Using Easy Photo Scan

**Epson JPEG File Settings**

You can select from the following settings in the JPEG settings window in Easy Photo Scan.

**Note:** The available settings may vary, depending on the operating system you are using.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Quality Options</td>
<td>Specifies the compression level. The file size increases with higher quality.</td>
</tr>
<tr>
<td>Encoding</td>
<td>Specifies the encoding method. <strong>Standard:</strong> Images are rendered from the top to the bottom when displayed on a web browser. <strong>Progressive:</strong> Images are rendered in low resolution in a web browser, then replaced with a higher resolution.</td>
</tr>
</tbody>
</table>
### Setting ICC Profile

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embed ICC Profile</td>
<td>Allows the ICC profile (information on color reproducibility of scanned image) to be embedded in the image. Programs that use color management software will display the colors of the image using the ICC profile.</td>
</tr>
</tbody>
</table>

**Parent topic:** [Scanning to Online Destinations Using Easy Photo Scan](#)

### Epson TIFF and Multi-TIFF File Settings

You can select from the following settings in the TIFF settings window in Easy Photo Scan.

**Note:** The available settings may vary, depending on the operating system you are using.

![EPSON TIFF Plug-in Settings](image)

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Byte Order</td>
<td>Specifies the operating system where the scanned image will be used.</td>
</tr>
<tr>
<td>Setting</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Compression</td>
<td>Specifies the compression format and level for Color/Grayscale and B&amp;W images. The file size increases with higher quality.</td>
</tr>
<tr>
<td>Embed ICC Profile</td>
<td>Allows the ICC profile (information on color reproducibility of scanned image) to be embedded in the image. Programs that use color management software will display the colors of the image using the ICC profile.</td>
</tr>
</tbody>
</table>

Parent topic: Scanning to Online Destinations Using Easy Photo Scan
Using Memory Cards with Your Product

Follow the instructions here to work with a memory card inserted into your product.

Inserting a Memory Card
Printing from a Memory Card
Transferring Photos on a Memory Card

Inserting a Memory Card

Insert a memory card into the memory card slot on your product as described here.

1. Make sure the memory card and the files on it are compatible with your product before inserting the card.
2. Insert your memory card into the slot, making sure the card is oriented correctly.

![Memory Card Insertion Diagram]

**Note:** Do not force the card all the way into the slot. Insert it only until it meets resistance.

The memory card access light flashes and then stays lit.

**Caution:** Do not remove a memory card or turn off your product while the memory card access light is flashing or you may lose data from the memory card.

Memory Card Types
Memory Card File Specifications
Removing a Memory Card

Parent topic: Using Memory Cards with Your Product

Memory Card Types

You can insert these types of memory cards in your product.

Note: Cards marked with an asterisk (*) require an adapter; consult your adapter documentation for details on using it.

You can insert the following cards in the memory card slot:

• SD
• SDHC
• SDXC
• miniSD*
• miniSDHC*
• microSD*
• microSDHC*
• microSDXC*

Parent topic: Inserting a Memory Card

Memory Card File Specifications

You can insert memory cards in your product containing files that meet these specifications.

<table>
<thead>
<tr>
<th>File format</th>
<th>JPEG with the Exif version 2.31 standard taken with digital camera using DCF (Design rule for Camera File system) version 1.0 or 2.0 compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image size</td>
<td>80 × 80 pixels to 10200 × 10200 pixels</td>
</tr>
<tr>
<td>File size</td>
<td>Up to 2GB</td>
</tr>
<tr>
<td>Number of files</td>
<td>Up to 9990</td>
</tr>
</tbody>
</table>

Note: DCF 2.0 files stored in a camera's built-in memory are not supported.
Removing a Memory Card

After you finish working with a memory card, check to make sure it is safe to remove it from your product.

**Caution:** Do not remove a memory card or turn off your product while the memory card access light is flashing or you may lose data from the memory card.

1. Make sure the memory card access light is not flashing.

2. If your product is connected to your computer using a USB cable, do one of the following:
   - **Windows:** Open the *My Computer*, *Computer*, *Windows Explorer*, or *File Explorer* utility. Then right-click the name of your memory card (listed as a removable disk) and select **Eject**.
   - **Mac:** Drag the removable disk icon for your memory card from the desktop or computer window into the trash.

3. Push in the memory card, then pull it straight out of its slot as shown above.

Parent topic: Inserting a Memory Card

Printing from a Memory Card

See these sections to print photos from a memory card inserted into your product:
Viewing and Printing Photos
See these sections to view and print photos displayed on your product's LCD screen.

Viewing and Printing Photos From the LCD Screen

Memory Card Print Settings

Parent topic: Printing from a Memory Card

Viewing and Printing Photos From the LCD Screen
You can select photos for printing as you view them on the LCD screen.

1. Load photo paper in your product.
2. Insert a memory card into your product's memory card slot.
3. Press the home button, if necessary.
4. Select Print Photos.
5. Select Print.
You see a screen like this:

![Select Photo]

6. Do one of the following to select your photos:
   - Select the thumbnail images of the photos you want to print by pressing the + and – buttons. Each photo you select has a number on it to indicate the number of prints you selected.
   - Press OK button to enlarge a thumbnail image. To select an image for print, press the + or – buttons. Press the left or right arrow buttons to scroll through and select additional photos.
   - To select all photos or a group of photos, select the icon. Use the menu options to browse, select, and change the display order of the photos.

7. Select **Print Settings** and select your paper and print settings as necessary.

8. Press the right arrow button.
You see a screen like this:

9. Press the right or left arrow buttons to scroll through the photos you selected, if necessary.

10. If you need to edit a photo, press the reset button.

You see an image like this:
**Note:** Press the reset button again to switch between Correction Off and Correction On. If Correction On is selected, any color corrections you make to a photo are displayed on the screen. If Correction Off is selected, any color corrections you make are not displayed on the screen but will be applied to your printouts.

1. Adjusts the cropping area. Press the arrow buttons to move the cropping area. Press the + or – buttons to change the frame size. Press the reset button to rotate the frame.
2. Applies a sepia or monochrome filter to the photo.
3. Lets you adjust brightness, sharpness, and saturation if necessary.

11. For each image, press the + or – buttons to change the number of copies as necessary.
12. When you are ready to print, press the start button.

**Note:** To cancel printing, press the stop button.

**Parent topic:** Viewing and Printing Photos

**Related references**

Memory Card Print Settings

**Related tasks**

Inserting a Memory Card

**Memory Card Print Settings**

Select the memory card options you want to use when printing photos displayed on the LCD screen.

**Note:** Not all options or settings may be available, depending on other memory card settings.

<table>
<thead>
<tr>
<th>Print settings</th>
<th>Available options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Size</td>
<td>Various paper sizes</td>
<td>Indicates the size of paper you have loaded</td>
</tr>
<tr>
<td>Paper Type</td>
<td>Various paper types</td>
<td>Indicates the type of paper you have loaded; see the list of paper types for copying (available options depend on the selected Paper Size setting)</td>
</tr>
<tr>
<td>Paper Cassettes</td>
<td>Cassette</td>
<td>Displays the paper settings for the cassette</td>
</tr>
</tbody>
</table>
### Print settings

<table>
<thead>
<tr>
<th>Available options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borderless</td>
<td>Expands the image to the edge of the paper (slight cropping may occur)</td>
</tr>
<tr>
<td>With Border</td>
<td>Leaves a small margin around the image</td>
</tr>
</tbody>
</table>

### Expansion

<table>
<thead>
<tr>
<th>Standard</th>
<th>Expands images correctly for most borderless prints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>Expands images slightly less for borderless prints</td>
</tr>
<tr>
<td>Minimum</td>
<td>Expands images the least for borderless prints (you may see some white border)</td>
</tr>
</tbody>
</table>

### Fit Frame

<table>
<thead>
<tr>
<th>On</th>
<th>Automatically crops the photo to fit into the selected photo layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>Turns off automatic cropping</td>
</tr>
</tbody>
</table>

### Date

| Various date formats | Prints the date the photo was taken on the photo in the format you select |

Parent topic: Viewing and Printing Photos

**Printing Photo Layouts from a Memory Card**

You can print one or more photos from a memory card in special layouts on various sizes of photo paper.

**Note:** Photos are placed automatically in the layout. If you want to manually select where they appear in the layout, see the Printing Photos with a Template topic instead.

1. Load photo paper in your product.
2. Insert a memory card into your product's memory card slot.
3. Press the home button, if necessary.
4. Select Print Photos.
5. Select **Layout Print**.

![Select Layout](image)

6. Select one of the displayed layout options.

You see a screen like this:

![Print Settings](image)

7. Select your paper and print settings as necessary.
8. Press the right arrow button.
9. Do one of the following to select your photos:
   - Select the thumbnail images of the photos you want to print by pressing the + and – buttons. Each photo you select has a number on it to indicate the number of prints you selected.
• Press **OK** button to enlarge a thumbnail image. To select an image for print, press the + or – buttons. Press the left or right arrow buttons to scroll through and select additional photos.

• To select all photos or a group of photos, select the stylized icon. Use the menu options to browse, select, and change the display order of the photos.

10. Select **Preview and Print**.
11. Press the right or left arrow buttons to scroll through the photos you selected, if necessary.
12. If you need to edit a photo, press the reset button.

You see an image like this:

![Clear Edit button](image.png)

**Note:** Press the reset button again to switch between **Correction Off** and **Correction On**. If **Correction On** is selected, any color corrections you make to a photo are displayed on the screen. If **Correction Off** is selected, any color corrections you make are not displayed on the screen but will be applied to your printouts.

1 Adjusts the cropping area. Press the arrow buttons to move the cropping area. Press the + or – buttons to change the frame size. Press the reset button to rotate the frame.
2 Applies a sepia or monochrome filter to the photo.
3 Lets you adjust brightness, sharpness, and saturation if necessary.
13. For each image, press the + or – buttons to change the number of copies as necessary.
14. When you are ready to print, press the start button.

   **Note:** To cancel printing, press the stop button.

**Parent topic:** Printing from a Memory Card

**Related references**

- Memory Card Print Settings
- **Related tasks**
  - Inserting a Memory Card

---

### Printing ID Photos from a Memory Card

You can print ID photos from a memory card. Two copies of one photo are printed at different sizes onto this size photo paper: 4 × 6 inches (102 × 152 mm).

1. Load photo paper in your product.
2. Insert a memory card into your product’s memory card slot.
3. Press the home button, if necessary.
4. Select **Print Photos**.
5. Select **Print photo ID**.

   You see a screen like this:
6. Select the photo you want to print.
7. Select **Print Settings** and select your paper and print settings as necessary.
8. Press the right arrow button.
   You see a screen like this:

![Screen with Print Options]

9. If you need to edit a photo, press the reset button.
   You see an image like this:

![Image with Editing Options]
**Note:** Press the reset button again to switch between **Correction Off** and **Correction On**. If **Correction On** is selected, any color corrections you make to a photo are displayed on the screen. If **Correction Off** is selected, any color corrections you make are not displayed on the screen but will be applied to your printouts.

1. Adjusts the cropping area. Press the arrow buttons to move the cropping area. Press the + or – buttons to change the frame size. Press the reset button to rotate the frame.
2. Applies a sepia or monochrome filter to the photo.
3. Lets you adjust brightness, sharpness, and saturation if necessary.

10. Press the + or – buttons to change the number of copies as necessary.
11. When you are ready to print, press the start button.

**Note:** To cancel printing, press the stop button.

**Parent topic:** Printing from a Memory Card

**Related references**

- Memory Card Print Settings

**Related tasks**

- Inserting a Memory Card

**Printing Photos with a Template**

You can print one or more photos from a memory card in special layouts on various sizes of photo paper. You can have the product automatically place the photos in the layout or you can manually place them yourself.

1. Load photo paper in your product.
2. Insert a memory card into your product's memory card slot.
3. Press the home button, if necessary.
4. Select Print Photos.
5. Select Print with template.
You see a screen like this:

6. Select one of the displayed template options.
   You see a screen like this:

   ![Select Layout Screen]

   - Paper Size: 4 x 6 in
   - Paper Type: Glossy
   - Paper Cassettes: Cassette

7. Select your paper and print settings as necessary.
8. Press the right arrow button.
9. Do one of the following:
   - If you selected a single photo template, select the photo you want to print. Select **Preview and Print** and go to step 10.
• If you selected a multiple photo template, you see a screen like this:

![Place Photos screen](image)

• To place photos in the template automatically, select **Automatic Layout**, select the photos you want to print, and select **Preview and Print**.

• To place photos in the layout template, select the icon and follow the instructions on the LCD screen to select and place photos in your template.

10. When you see the Preview screen, confirm your selected photos and make any changes as necessary.

11. When you are ready to print, press the start button.

   **Note:** To cancel printing, press the stop button.

**Parent topic:** Printing from a Memory Card

**Related references**

Memory Card Print Settings

**Related tasks**

Inserting a Memory Card

**Transferring Photos on a Memory Card**

You can transfer photos to and from a memory card inserted into a memory card slot on your product.

Setting Up File Sharing for Photo Transfers from Your Computer
Transferring Photos from a Memory Card to Your Computer

Parent topic: Using Memory Cards with Your Product

Setting Up File Sharing for Photo Transfers from Your Computer

Before you transfer photos from a computer to a memory card inserted into a memory card slot on your product, you may need to set up your product's file sharing settings.

Caution: Remove the memory card before you change this setting or you may lose data from the memory card. Do not remove a memory card or turn off your product while the memory card access light is flashing or you may lose data from the memory card.

1. Remove any memory cards from the product.
2. Press the home button, if necessary.
3. Select Settings.

5. Select your connection type.

Parent topic: Transferring Photos on a Memory Card

Related tasks
Removing a Memory Card
Transferring Photos from a Memory Card to Your Computer

You can transfer photos to and from a memory card inserted into a memory card slot on your product and a computer connected to your product.

Note: Do not transfer photos to and from a memory card while you are printing from the memory card.

1. Make sure your product is connected to a computer.
2. Insert a memory card into a memory card slot on your product.
3. Do one of the following to access your memory card files from your computer:
   - **Windows**: Open the Computer, My Computer, Windows Explorer, or File Explorer utility, then select the removable disk icon.
   - **Mac with a USB connection**: Look for the removable disk icon on your desktop or computer window, then select it.
   - **Mac with a network connection**: Select the hard drive icon on your desktop or computer window, select your product in the SHARED section of the sidebar (you may need to widen the sidebar to see the name), then select the MEMORYCARD icon.
4. Select the folder that contains your photos.
5. Drag the photos you want to transfer to the desired folder on your computer or on your memory card.

Note: Your product's LCD screen does not update to display new photos transferred to the memory card. Wait until the memory card access light stops flashing, then remove and insert the memory card to update the photos displayed.

Parent topic: Transferring Photos on a Memory Card

Related tasks

Inserting a Memory Card
Printing Personalized Projects

You can print calendars, lined paper, graph paper, or stationery with a photo background.

Printing Calendar Pages
Printing Lined Paper, Graph Paper, and Music Sheets
Printing Personalized Note Paper

Printing Calendar Pages

You can create and print a weekly or monthly calendar page.

1. Load plain paper in either Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]) size.
2. Press the home button, if necessary.
   You see a screen like this:

4. Select Schedule.
5. Select one of the calendar format options.
   **Note**: View the images for each option to preview the design layout.

6. Select your paper and print settings as necessary.
7. Press the right arrow button.
8. If you selected **Monthly**, select the year and month, and select **OK**.
9. Press the + or – buttons to change the number of copies as necessary.
10. When you are ready to print, press the ◄ start button.

**Note:** To cancel printing, press the ☐ stop button.

**Parent topic:** Printing Personalized Projects

**Related references**

- Memory Card Print Settings

**Related tasks**

- Inserting a Memory Card

### Printing Lined Paper, Graph Paper, and Music Sheets

You can print music sheets, wide-rule or narrow-rule notebook paper, and graph paper.

1. Load plain paper in either Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]) size.
2. Press the ◄ home button, if necessary.
3. Press the arrow buttons to select **Various prints**.

You see a screen like this:
4. Select **Ruled paper**.
5. Select one of the layout options.
   
   **Note:** View the images for each option to preview the design layout.

6. Select your paper and print settings as necessary.
7. Press the right arrow button.
8. Press the + or – buttons to change the number of copies as necessary.
9. When you are ready to print, press the ◇ start button.
   
   **Note:** To cancel printing, press the ◆ stop button.

**Parent topic:** Printing Personalized Projects

**Related references**

- Memory Card Print Settings

**Related tasks**

- Inserting a Memory Card

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**Printing Personalized Note Paper**

You can print lined or unlined note paper with one of your own photos in the background.

1. Load plain paper in either Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]) size.
2. Insert a memory card into your product's memory card slot.
3. Press the ◀ home button, if necessary.
4. Select **Various prints**.
You see a screen like this:

5. Select **Writing Papers**.
6. Select one of the layout options.

   **Note:** View the images for each option to preview the design layout.

7. Select your paper and print settings as necessary.
8. Press the right arrow button.
9. Select the photo you want to include in the background.
10. Select **Preview and Print** or **Use This Photo**.
11. Press the + or – buttons to change the number of copies as necessary.
12. When you are ready to print, press the ◇ start button.

   **Note:** To cancel printing, press the ◆ stop button.

**Parent topic:** Printing Personalized Projects
**Related references**
Memory Card Print Settings

**Related tasks**
Inserting a Memory Card
Replacing Ink Cartridges and Maintenance Boxes

The maintenance box stores ink that gets flushed from the system during print head cleaning. When an 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 Cartridge and Maintenance Box Status
Purchase Epson Ink Cartridges and Maintenance Box
Removing and Installing Ink Cartridges
Printing with Black Ink and Expended Color Cartridges
Conserving Low Black Ink with Windows
Maintenance Box Replacement

Check Cartridge and Maintenance Box Status

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

Checking Cartridge and Maintenance Box Status on the LCD Screen
Checking Cartridge and Maintenance Box Status - Windows
Checking Cartridge and Maintenance Box Status - Mac

Parent topic: Replacing Ink Cartridges and Maintenance Boxes

Checking Cartridge and Maintenance Box Status on the LCD Screen

You can check the status of the cartridges and maintenance box using the product's LCD screen.

1. Press the home button, if necessary.
2. Select the icon.
You see a screen like this:

![Supply Status Screen](image)

**Note:** The displayed ink and maintenance box levels are approximate.

3. For more information, select **Print Supply Status Sheet**.

**Parent topic:** Check Cartridge and Maintenance Box Status

**Related tasks**
- Removing and Installing Ink Cartridges

**Checking Cartridge and Maintenance Box Status - 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 and double-click the 📒 icon for your product in the right side of the Windows taskbar, or click the up arrow and double-click 📒. Then click **Details**.
You see this window:

![EPSON Status Monitor 3](image)

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

   **Note:** If any of the cartridges 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 Cartridge and Maintenance Box Status
Related tasks
Removing and Installing Ink Cartridges

Checking Cartridge and Maintenance Box Status - Mac

You can check the status of your ink cartridges 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 any ink cartridge as indicated on the screen.

   **Note:** If any of the cartridges 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 Cartridge and Maintenance Box Status

   **Related tasks**
   Removing and Installing Ink Cartridges

**Purchase Epson Ink Cartridges and Maintenance Box**

You can purchase genuine Epson ink, maintenance boxes, and paper at epson.com (U.S. sales), epson.ca (Canadian sales), or epson.com.jm (Caribbean sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

   **Note:** This printer is designed for use with Epson cartridges only, not third-party cartridges or ink. Other brands of ink supplies are not compatible and, if described as compatible, may not function properly or continuously. Such restrictions can be avoided with some other printers such as Epson EcoTank cartridge-free printers.

The included initial cartridges are designed for reliable printer setup and cannot be used as replacement cartridges or resold. After setup, the remaining ink is available for printing. Yields are based on ISO 24711 in default mode, printing continuously. Yields vary due to print images, settings, and temperatures. Printing infrequently or primarily with one color reduces yields. All cartridges must be installed with ink for printing and printer maintenance. For print quality, some ink remains in replaced cartridges.

   **Ink Cartridge and Maintenance Box Part Numbers**

**Parent topic:** Replacing Ink Cartridges and Maintenance Boxes

**Ink Cartridge and Maintenance Box Part Numbers**

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

Maintenance box part number: T04D100
Note: For best printing results, use up a cartridge within 6 months of opening the package.

<table>
<thead>
<tr>
<th>Ink color</th>
<th>Part number</th>
<th>Standard-capacity</th>
<th>High-capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>202</td>
<td>202XL</td>
<td></td>
</tr>
<tr>
<td>Cyan</td>
<td>202</td>
<td>202XL</td>
<td></td>
</tr>
<tr>
<td>Magenta</td>
<td>202</td>
<td>202XL</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td>202</td>
<td>202XL</td>
<td></td>
</tr>
</tbody>
</table>

Parent topic: Purchase Epson Ink Cartridges and Maintenance Box
Related references
Ink Cartridge Specifications

Removing and Installing Ink Cartridges
Make sure you have your replacement cartridges handy before you begin. You must install new cartridges immediately after removing the old ones.

Caution: Leave your old cartridges in the product until you are ready to replace them to prevent the print head nozzles from drying out. Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

Note: If you remove a low or expended ink cartridge, you cannot re-install and use the cartridge.

1. Turn on your product.
   • If an ink cartridge is expended, you see a message on the LCD screen. Note which cartridges need to be replaced and follow the on-screen instructions or the instructions below to replace the cartridge.
   • If you are replacing a cartridge before you see a message on the LCD screen, press the home button if necessary, and select Maintenance > Ink Cartridge(s) Replacement > Next > Start.

Note: You can also select How To to view ink replacement instructions on the LCD screen.
2. Lift up the scanner unit until it clicks.

**Caution:** Do not move the print head by hand; otherwise, you may damage your product. Do not touch the flat white cable or translucent film inside the product.
3. Squeeze the tab on the cartridge and lift the cartridge straight up to remove it.

Note: Dispose of used cartridges 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.

4. If you are replacing the black ink cartridge, gently shake the new black ink cartridge four or five times. Do not shake the color ink cartridges.
Caution: Do not shake the cartridges after opening the packages, or ink may leak.

5. Remove the cartridge from the package.

Caution: Do not touch the areas shown here. Doing so may prevent normal operation and printing.
6. Remove the yellow tape from the cartridge.

**Caution:** Do not remove any other labels or seals, or the ink cartridge may leak or become unusable.

7. Insert the new cartridge into the holder and push it down until it clicks into place.
8. When you finish replacing the cartridges, lower the scanner unit.

![Scanner Unit Lowered](image)

9. Select **Completed** on the LCD screen.

   The print head moves to its home position and the product starts charging the ink. This takes a few minutes. When you see a completion message on the screen, ink replacement is finished.

   **Caution:** Do not turn off the product while ink is charging or you may not be able to print.

   **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 Ink Cartridges and Maintenance Boxes

**Related concepts**

Purchase Epson Ink Cartridges and Maintenance Box

**Related references**

Ink Cartridge Safety Instructions

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**Printing with Black Ink and Expended Color Cartridges**

When a color ink cartridge is expended, you can temporarily continue printing using black ink. Replace the expended color cartridge as soon as possible for future printing.
Printing with Expended Color Cartridges - Control Panel

If you see a message on the control panel to replace a color ink cartridge, you can temporarily print or copy in black ink.

Note the following restrictions when using this feature:
• You can print or copy only on plain paper or envelopes
• You can print or copy only in black or grayscale
• You cannot select borderless printing or copying

1. When you see a message on the LCD screen to replace a color ink cartridge, select Proceed.
   You see a message that you can temporarily print with black ink.

2. Select Proceed again.

3. If you want to print or copy in black only, select No, remind me later.
   The current print job is canceled.

4. Press the home button, if necessary.

5. Try printing or copying again.

Parent topic: Printing with Black Ink and Expended Color Cartridges

Printing with Expended Color Cartridges - Windows

If you see a message during printing telling you that you can temporarily print in black ink with an expended color cartridge, you can cancel your print job and select settings to print on plain paper or on an envelope.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

Note: To use this feature, Epson Status Monitor must be enabled.
1. Click **Cancel** or **Cancel Print** to cancel your print job.

   **Note**: If the message screen appears on another computer on a network, you may need to cancel the print job using the product control panel.

2. Load plain paper or an envelope in your product.
3. Access the print settings in your print application.
4. Click the **Main** tab.
5. Select **Plain Paper/Bright White Paper** or **Envelope** as the paper type setting.
6. Select the **Black/Grayscale** checkbox.
7. Click **OK**.
8. Print your document.
   Epson Status Monitor 3 displays a print message.
9. Click **Print in Black** to print your document.

**Parent topic**: Printing with Black Ink and Expended Color Cartridges

### Printing with Expended Color Cartridges - Mac

If printing stops, you can cancel your print job and select settings to temporarily print with only black ink on plain paper or on an envelope.

1. Click the printer icon in the Dock.

2. If you see a message telling you that you can temporarily print with only black ink, click the **Delete** or **button to cancel your print job. If you see an error message, click **OK**.

   **Note**: If the message screen appears on another computer on a network, you may need to cancel the print job using the product control panel.

3. In the Apple menu or the Dock, select **System Preferences**.
4. Select **Print & Fax, Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
5. Select **Driver** or **Options**.
You see a screen like this:

![Printer Settings Screen]

6. Select **On** as the **Permit temporary black printing** setting.
7. Click **OK**.
8. Close the utility window.
9. Load plain paper or an envelope in your product.
10. Access the print settings in your print application.
11. Select **Print Settings** from the pop-up menu.
12. Select **Plain Paper/Bright White Paper** or **Envelope** as the paper type setting.
13. Select the **Grayscale** option.
14. Click **Print** to print your document.

**Parent topic:** Printing with Black Ink and Expended Color Cartridges
Conserving Low Black Ink with Windows

The following window appears when black ink runs low and there is more color ink.

![EPSON Status Monitor 3](image)

**Note:** The window appears only when you have selected **Plain Paper/Bright White Paper** as the paper type setting, and depends on other selected print settings. To use this feature, Epson Status Monitor must be enabled.

- Click **Yes** to use a mixture of color inks to create black, or **No** to continue using the remaining black ink for the document you are printing.
- Click **Disable this feature** to continue using the remaining black ink.

**Note:** If you disable this feature, it remains disabled until you install a new black ink cartridge.

**Parent topic:** Replacing Ink Cartridges and Maintenance Boxes

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

Maintenance Box Replacement

The maintenance box stores surplus ink that gets collected during printing or print head cleaning. When you see a message on the LCD screen, follow the on-screen instructions to replace the maintenance box.
Note the following precautions when replacing the maintenance box:

- Do not remove the maintenance box or its cover except when replacing the maintenance box.
- Do not touch the green chip on the side of the maintenance box.
- Do not tilt the maintenance box after removing it or ink may leak.
- Do not touch the openings in the maintenance box or you may get ink on you.
- Do not drop the maintenance box or subject it to strong shocks.
- If you cannot replace the cover, the maintenance box may not be installed correctly. Remove and reinstall the maintenance box.
- Do not store the maintenance box in high or freezing temperatures.

**Caution:** Do not reuse a maintenance box that has been removed and left uninstalled for a long period. Keep the maintenance box away from direct sunlight.

**Note:** The maintenance box is a user-replaceable part and is not covered by the product warranty.

**Parent topic:** Replacing Ink Cartridges and Maintenance Boxes

**Related concepts**
- Purchase Epson Ink Cartridges and Maintenance Box

**Related tasks**
- Viewing Animations
Adjusting Print Quality

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

**Note:** If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

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

- **Print Head Maintenance**
- **Aligning the Print Head Using the Product Control Panel**
- **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 an ink cartridge is expended, and may not be able to clean it when a cartridge is low. You must replace the cartridge first.

- **Print Head Nozzle Check**
- **Print Head Cleaning**

**Parent topic:** Adjusting Print Quality

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. Load a few sheets of plain paper in the product.
2. Press the home button, if necessary.
3. Select Maintenance.
   You see a screen like this:
   ![Maintenance screen]
4. Select Print Head Nozzle Check.
   You see a screen like this:
   ![Print Head Nozzle Check screen]
5. Select Print.
The nozzle pattern prints.

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

**Print head is clean**

![Picture of a clean print head pattern]

**Print head needs cleaning**

![Picture of a need cleaning print head pattern]

7. Do one of the following:
   - If there are no gaps, select O.
   - If there are gaps or the pattern is faint, select X and continue.

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

**Caution:** Never turn off the product or open the front cover during a cleaning cycle or you may not be able to print.

If you don’t see any improvement after cleaning the print head up to 4 times, wait at least 6 hours without printing or longer if printing. Then try cleaning the print head again. If quality still does not improve, contact Epson.

**Parent topic:** Print Head Nozzle Check
Related tasks
Cleaning the Print Head Using the Product Control Panel

Related topics
Replacing Ink Cartridges and Maintenance Boxes

Checking the Nozzles Using a Computer Utility

You can check the print head nozzles 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 icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
   - **Mac**: 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 Nozzle Check.
You see a window like this:

4. Click **Print**.
5. Check the printed pattern to see if there are gaps in the lines.

   **Print head is clean**

   ![Pattern image]

   **Print head needs cleaning**

   ![Pattern image]

6. 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

**Related topics**

Replacing Ink Cartridges and Maintenance Boxes

**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 an ink cartridge is expended, and may not be able to clean it when a 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

Cleaning the Print Head Using the Product Control Panel
You can clean the print head using the control panel on your product.
1. Load a few sheets of plain paper in the product.
2. Press the home button, if necessary.
3. Select Maintenance.
   You see a screen like this:

4. Select Print Head Cleaning.
You see a screen like this:

![Print Head Cleaning screen](image)

5. Select **Start** to clean the print head.
   When the cleaning cycle is finished, you see a message on the screen.

   **Caution:** Never turn off the product or open the front cover during a cleaning cycle or you may not be able to print.

6. Select **Check**.
7. Select **Print** to print a nozzle check pattern and confirm that the print head is clean.
   If you don’t see any improvement after cleaning the print head up to 4 times, wait at least 6 hours without printing or longer if printing. Then try cleaning the print head again. If quality still does not improve, contact Epson.

**Parent topic:** Print Head Cleaning

**Related tasks**  
Checking the Nozzles Using the Product Control Panel

**Related topics**  
Replacing Ink Cartridges and Maintenance Boxes

### Cleaning the Print Head Using a Computer Utility

You can clean 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 icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click.
   - **Mac**: 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 **Head Cleaning**.
   You see a window like this:

   ![Head Cleaning Window]

4. Click **Start** to begin the cleaning cycle.
   The power light flashes throughout the cleaning cycle and stays on when the cleaning cycle is finished.
Caution: Never turn off the product or open the front cover during a cleaning cycle or you may not be able to print.

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

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

   **Print head is clean**

   ![Print head is clean](image)

   **Print head needs cleaning**

   ![Print head needs cleaning](image)

   - 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, wait at least 6 hours without printing or longer if printing. Then try cleaning the print head again. If quality still does not improve, contact Epson.

**Parent topic:** Print Head Cleaning

**Related tasks**

Checking the Nozzles Using a Computer Utility
Aligning the Print Head Using the Product Control Panel

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.

1. Load a few sheets of plain paper in the product.
2. Press the home button, if necessary.
3. Select Maintenance.
   You see a screen like this:

4. Select Print Head Alignment.
5. If your printout contains misaligned vertical lines or blurry, continue with the next step. If your printout contains horizontal banding, go to step 12.
6. Select Basic Alignment and follow the on-screen instructions to print an alignment sheet.
7. Check the printed pattern on the alignment sheet and select the pattern with the least misaligned vertical line.

8. Select **Vertical Alignment** and follow the on-screen instructions to print an alignment sheet.

9. Check the printed pattern on the alignment sheet and for each set of patterns, select the number representing the pattern with the least amount of separation or overlap.

10. Select **Ruled Line Alignment** and follow the on-screen instructions to print an alignment sheet.

11. Check the printed pattern on the alignment sheet and for each set of patterns, select the number representing the pattern with the least misaligned vertical line.
12. Select **Horizontal Alignment** and follow the on-screen instructions to print an alignment sheet.
13. Check the printed pattern on the alignment sheet and select the number representing the pattern with the least amount of separation or overlap.

14. Continue following the rest of the on-screen instructions to finish with the alignment.

**Parent topic:** Adjusting Print Quality

### 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 plain paper in this size: Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]).
2. Press the home button, if necessary.
3. Select **Maintenance**.
   
   You see a screen like this:
4. Scroll down and select **Paper Guide Cleaning**.
5. Follow the on-screen instructions to clean the paper guide.
6. Repeat these steps as necessary until the paper comes out clean.

**Parent topic:** Adjusting Print Quality

**Related tasks**
- Cleaning the Paper Rollers
- Cleaning the Print Head Path
Cleaning and Transporting Your Product

See these sections if you need to clean or transport your product.

Cleaning Your Product
Cleaning the Paper Rollers
Cleaning the Print Head Path
Transporting Your Product

Cleaning Your Product

To keep your product working at its best, you should clean it several times a year.
Close the output tray and front cover when you are not using the product to protect it from dust.

Caution: Do not use a hard brush, alcohol, or paint thinner to clean the product or you may damage it. Do not use oil or other lubricants inside the product or let water get inside it.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Remove all the paper.
5. Clean the scanner glass with a soft, lint-free cloth (microfiber is recommended), moistened with a little glass cleaner.

Caution: Do not spray glass cleaner directly on the glass and do not press the glass surface with any force.

6. Clean the outer case and control panel with a soft, dry cloth. Do not use liquid or chemical cleansers.

Parent topic: Cleaning and Transporting Your Product

Cleaning the Paper Rollers

If you encounter issues with paper feeding from the cassettes, clean the paper rollers inside your product.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Slide out the paper cassette and remove any loaded paper.

![Diagram of printer with paper cassette removed]

5. Place the product on its side as shown.

![Diagram of printer on its side]

**Warning:** Be careful not to trap your fingers under the product.
6. Use a soft, moist cloth to clean the cassette rollers shown here. Gently rotate the rollers to clean them completely.

7. Return the product to its normal position.

   **Caution:** Do not leave the product on its side for an extended period of time. Ink may leak.

8. Replace the paper, slide in the paper cassette, and connect the power cable and any interface cables.

**Parent topic:** [Cleaning and Transporting Your Product](#)

**Related tasks**

- [Cleaning the Paper Guide](#)
- [Cleaning the Print Head Path](#)

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**Cleaning the Print Head Path**

If the print quality has not improved after aligning the print head and cleaning the paper guide, the print head path inside the product may be smeared with ink.

To clean the print head path, use the following:

- Several cotton swabs
- ¼ cup (59 ml) water containing 2 to 3 drops of mild dish detergent
- A small flashlight
**Caution:** Do not use any other liquid to clean the print head path or you may damage your product.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Lift up the scanner unit.

5. Using the flashlight, check the translucent film shown here for ink smears.
1. Translucent film
2. Print head rail

**Caution:** Do not touch the flat white cable or the print head rail; otherwise, you may not be able to print. Do not wipe off the grease on the rail.

6. Moisten a cotton swab with the water and detergent mixture and squeeze out any excess moisture. Use it to lightly wipe ink off the translucent film.

**Caution:** Do not press too hard on the film or you may dislocate the anchor springs and damage the product.

7. Use a new, dry cotton swab to dry the translucent film.
8. Repeat steps 6 and 7 as necessary to clean all ink smears.
9. When the translucent film is dry, close the scanner unit.
10. Plug in the power cable and reconnect any interface cables.

**Parent topic:** Cleaning and Transporting Your Product

**Related tasks**
- Aligning the Print Head Using the Product Control Panel
- Cleaning the Paper Guide
- Cleaning the Paper Rollers
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 or turning it upside down. Also avoid placing the product on its side for an extended period of time. Ink may leak.
- Leave the ink cartridges installed. Removing the cartridges can dry out the print head and may prevent the product from printing.
- Do not carry the product by its control panel; this may damage the product.

**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. Lift up the scanner unit and check to see if the print head is in the far right position (the home position). If not, turn on the product, wait for the print head to move, then turn the product off again.

![Image of ink cartridge holder secured with tape]

**Caution:** Do not place tape on the white flat cable inside the product; otherwise, you may damage your product.

4. Lower the scanner unit.
5. Remove all the paper from the product.
6. Remove any memory cards inserted in the product.
7. Unplug the power cable.
8. Disconnect any connected cables.
9. Close all parts on the product as shown.

![Image of product with parts closed]
10. Place the product in its original packing materials, if possible, or use equivalent materials with cushioning around the product.

Keep the product level during transportation. Be sure to remove the tape from the ink cartridge holder before turning on your product. If print quality has declined when you print again, clean and align the print head.

**Parent topic:** Cleaning and Transporting Your Product

**Related concepts**

- Print Head Nozzle Check
- Print Head Cleaning

**Related tasks**

- Aligning the Print Head Using the Product Control Panel
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 Copying Problems
Solving Paper Problems
Solving Problems Printing from a Computer
Solving Page Layout and Content Problems
Solving Print Quality Problems
Solving Scanning Problems
Solving Scanned Image Quality Problems
Solving Memory Card Problems
Uninstall Your Product Software
Where to Get Help

Checking for Software Updates

It's a good idea to check Epson's support website occasionally for free updates to your product software. Visit epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean) and select your product.

Note: Epson periodically provides firmware updates to address issues of security, performance, minor bug fixes and ensure your printer functions as designed. Your printer was designed to work only with genuine Epson ink cartridges, therefore some updates may affect the functionality of third-party ink.

• 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 icon for your product in the right side of the Windows taskbar, or clicking the up arrow and right-clicking .
• 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**.

• **macOS 10.12.x or 10.13.x**: You can manually update the software by opening the **App Store**, selecting **Updates**, searching for a software update option for Epson Software, and selecting **Update**.

Parent topic: **Solving Problems**

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**Product Status Messages**

You can often diagnose problems with your product by checking the messages on its LCD screen. You can also press the ☰️ help button to see help information and how-to instructions on the screen.

<table>
<thead>
<tr>
<th>LCD screen message</th>
<th>Condition/solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printer error. Turn on the printer again. See your documentation for more details.</td>
<td>A fatal error has occurred. Turn the product off and then back on again. If the error continues, check for a paper jam or any protective material inside the product. If there is no paper jam or protective material, contact Epson for support.</td>
</tr>
<tr>
<td>Paper out in XX.</td>
<td>Load paper in the paper cassette and insert the cassette all the way in.</td>
</tr>
<tr>
<td>You need to replace Ink Cartridge(s).</td>
<td>The ink cartridge is expended. Replace the cartridge.</td>
</tr>
<tr>
<td>The printer's borderless printing ink pad is nearing the end of its service life. It is not a user-replaceable part. Please contact Epson support.</td>
<td>The ink pad is near the end of its service life and the message will be displayed until the ink pad is replaced. Contact Epson for support. (To resume printing, press the OK button.)</td>
</tr>
<tr>
<td>LCD screen message</td>
<td>Condition/solution</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>The printer's borderless printing ink pad has reached the end of its service life. It is not a user-replaceable part. Please contact Epson support.</td>
<td>The ink pad is at the end of its service life. Turn off the product and contact Epson for support.</td>
</tr>
<tr>
<td>Paper Configuration is set to Off. Some features such as paper size and type settings may be unavailable. For details, see your documentation.</td>
<td>The Paper Configuration setting must be enabled to use AirPrint.</td>
</tr>
<tr>
<td>The combination of the IP address and subnet mask is invalid. See your documentation for more details.</td>
<td>There is a problem with the network connection to your product. Check the solutions in this guide.</td>
</tr>
<tr>
<td>To use cloud services, update the root certificate from the Epson Web Config utility.</td>
<td>Access your product's built-in Web Config utility and update the root certificate for your product.</td>
</tr>
<tr>
<td>Check that the printer driver is installed on the computer and that the port settings for the printer are correct.</td>
<td>Make sure the printer port is selected correctly on the Port tab of the Printer Properties screen (Windows) or the <strong>System Properties &gt; USB</strong> list (Mac). Select <strong>USBXXX</strong> for a USB connection or <strong>EpsonNet Print Port</strong> for a network connection.</td>
</tr>
<tr>
<td>Check that the printer driver is installed on the computer and that the USB port settings for the printer are correct.</td>
<td></td>
</tr>
</tbody>
</table>

221
<table>
<thead>
<tr>
<th>LCD screen message</th>
<th>Condition/solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recovery mode</td>
<td>An error has occurred during firmware updating. Connect your product using a USB cable and try updating the firmware again. If you still receive this error message, contact Epson for support.</td>
</tr>
</tbody>
</table>

**Note:** The ink pads in the printer collect, distribute, and contain the ink that is not used on printed pages. During the life of your product it may reach a condition where either satisfactory print quality cannot be maintained or the ink pads have reached the end of their usable life. The Epson Status Monitor, your LCD screen, or lights on the control panel will advise you when these parts need replacing. If this happens during the standard warranty of the product, the exchange of the product or replacement of the pads is covered under the standard warranty. If the product is out of warranty, the pads can be replaced by any Epson authorized service provider. The waste ink pads are not a user-replaceable part.

**Parent topic:** Solving Problems

**Related references**

- Paper Jams Inside the Product
- Where to Get Help

**Related tasks**

- Selecting the Paper Settings - Control Panel
- Accessing the Web Config Utility

**Related topics**

- Loading Paper
- Replacing Ink Cartridges and Maintenance Boxes

**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 there are no errors on the LCD screen.
3. Load plain paper in the product.
4. Press the home button, if necessary.
5. Select Maintenance.
You see a screen like this:

![Screen showing maintenance options](image)

6. Select **Print Head Nozzle Check**.
7. Select **Print**.
   The nozzle pattern prints.
8. 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 manual or try uninstalling and reinstalling your printer software.
   - If the page prints but the nozzle check pattern has gaps, clean 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 Maintenance
- Uninstall Your Product Software

**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.
1. Press the home button, if necessary.
2. Select Settings.
3. Scroll down and select Restore Default Settings.
   You see a screen like this:

   ![Restore Default Settings options]

4. Select one of these options:
   - **Network Settings**: Resets all network settings
   - **All Except Network Settings**: Resets all settings except for network settings
   - **All Settings**: Resets all control panel settings
   You see a confirmation screen.
5. Select Yes to reset the selected settings. (Select No 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.

- **Product Does Not Turn On or Off**
- **Noise After Ink Installation**
- **Software Installation Problems**

Parent topic: Solving Problems
Product Does Not Turn On or Off

If you cannot turn the product on or off, try these solutions:

• If you cannot turn on your product, make sure the power cord is securely connected and hold down the power button a little longer.

• If you cannot turn off your product, hold down the power button a little longer. If you still cannot turn off your product, unplug the power cord, plug the power cord back in, then turn your product on and off again using the power button.

Parent topic: Solving Setup Problems

Noise After Ink Installation

If you hear noises from your product after installing ink, check the following:

• The first time you install the ink cartridges, 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.

• If the product's print head stops moving or making noise, and the charging process has not finished after approximately 5 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

Related references
Where to Get Help

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
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 Mac Printer Window
Cannot Print Over a Network
Cannot Scan Over a Network

Parent topic: Solving Problems
Related tasks
Printing a Network Status Sheet

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-xxxxxxxx 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 references
Status Icon Information

Related topics
Wi-Fi 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.

• Check to see if your wireless router or access point has an enabled Privacy Separator function that is preventing detection of your device over the network. See your router or access point documentation for instructions on disabling the Privacy Separator function.

Parent topic: Solving Network Problems

Related concepts
Uninstall Your Product Software

Related references
Status Icon Information

Related topics
Wi-Fi Networking

**Product Does Not Appear in Mac Printer Window**

If your product does not appear in the Mac 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 on your product's LCD screen is not lit, 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 lit 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 references
Status Icon Information

Related topics
Wi-Fi Networking

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. 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.
Network 5 GHz. See your router documentation or contact your internet service provider 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.

Parent topic: Solving Network Problems

Related tasks
Printing a Network Status Sheet

Related topics
Wi-Fi Networking

Cannot Scan Over a Network

If you cannot start Epson Scan 2 for scanning over a network, try these solutions:

- If you cannot scan from your product control panel, make sure you restarted your computer after installing the product software. Make sure the Event Manager program is not being blocked by your firewall or security 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.

- If you are scanning a large original at a high resolution, a network communication error may occur. Try scanning again at a lower resolution.

- If network communication was interrupted while starting Epson Scan 2, exit Epson Scan 2, wait a few seconds, and restart it. If Epson Scan 2 cannot restart, turn off your product, turn it back on, and try restarting Epson Scan 2 again.

- Check the scanner setting and reset the connection if necessary using Epson Scan 2 Utility:

  Windows 10: Click and select EPSON > Epson Scan 2 Utility. Make sure your product is selected. If necessary, select the Other tab and click Reset.

  Windows 8.x: Navigate to the Apps screen, select EPSON, and select Epson Scan 2 Utility. Make sure your product is selected. If necessary, select the Other tab and click Reset.
Windows (other versions): Click or Start > All Programs or Programs > EPSON > Epson Scan 2 > Epson Scan 2 Utility. Make sure your product is selected. If necessary, select the Other tab and click Reset.

Mac: Open the Applications folder, click Epson Software, and click Epson Scan 2 Utility. Make sure your product is selected. If necessary, select the Other tab and click Reset.

* You may need to disable the firewall and any anti-virus software on your wireless router or access point.

Parent topic: Solving Network Problems

Solving Copying Problems

Check these solutions if you have problems copying with your product.

Product Makes Noise, But Nothing Copies

Product Makes Noise When It Sits for a While

Parent topic: Solving Problems

Product Makes Noise, But Nothing Copies

If your product makes a noise, but nothing copies, 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.
* If the nozzle check page does not print, but the product's power is on, make sure your product software is installed correctly.
* Make sure your product is level (not tilted).

Parent topic: Solving Copying Problems

Related concepts

Print Head Maintenance

Product Makes Noise When It Sits for a While

Your product is performing routine maintenance. This is normal.

Parent topic: Solving Copying Problems

Solving Paper Problems

Check these sections if you have problems using paper with your product.
Paper Feeding Problems
If you have problems feeding paper, try these solutions:

• Make sure the paper cassette is inserted all the way in the printer.
• If paper does not feed correctly, remove and reload it in the cassette and adjust the edge guides. Make sure the paper stack is not above the tab on the edge guides inside the cassette.
• 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.
  • Follow any special loading instructions that came with the paper.

Parent topic: Solving Paper Problems
Related references
Paper Loading Capacity
Paper Specifications
Paper Jams Inside the Product
Paper Ejection Problems
Related tasks
Loading Paper in the Cassette

Paper Jams Inside the Product
If you see a message that paper has jammed in the product, follow the on-screen instructions to locate and remove the jammed paper.
Take the following precautions when removing jammed paper from the product:

- Remove the jammed paper carefully. Using too much force may damage the product.
- Unless specifically instructed, avoid tilting the product, placing it on its side, or turning it upside down, as ink may spill.

**Warning:** Never touch the buttons on the control panel while your hand is inside the product. If the product starts operating, it may cause an injury. Do not touch any protruding parts inside the product.

**Parent topic:** Solving Paper Problems  
**Related references**  
Paper Feeding Problems  
Paper Ejection Problems  

**Related topics**  
Loading Paper

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### 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 or Media Type Settings - Printing Software  
Paper Type Settings - Control Panel  
Paper Feeding Problems  
Paper Jams Inside the Product  

**Related tasks**  
Selecting the Paper Settings - Control Panel  

**Related topics**  
Loading Paper
Solving Problems Printing from a Computer

Check these sections if you have problems while printing from your computer.

**Note:** When printing using AirPrint, the available print settings are different from those covered in this manual. See the Apple website for details.

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 and connected to your computer.
- 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.
- Make sure the printer status is not offline or pending.
- 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 any stalled print jobs.
- On a Mac, make sure the printer is not paused.

**Parent topic:** Solving Problems Printing from a Computer

**Related references**

Product Status Messages
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**: Click \(\text{\textbullet}\) and select \(\text{\textbullet}\) (Settings) > Devices > Printers & scanners. Select your product name and select Manage > Printing preferences.
   - **Windows 8.x**: Navigate to the Apps screen and select Control Panel > Hardware and Sound > Devices and Printers. Right-click your product name, select Printing Preferences, and select your product name again if necessary.
   - **Windows 7**: Click \(\text{\textbullet}\) and select Devices and Printers. Right-click your product name, select Printing Preferences, and select your product name again if necessary.
   - **Windows Vista**: Click \(\text{\textbullet}\), select Control Panel, and click Printer under Hardware and Sound. Right-click your product name, select Printing Preferences, and select your product name again if necessary.

2. Click the Maintenance tab.
3. Click the Extended Settings button.
4. Select Enable EPSON Status Monitor 3 and click OK.
5. Click the Monitoring Preferences button.
6. Click the checkbox for the option that adds the shortcut icon to the taskbar.
7. 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.
- Make sure Quiet Mode is turned off.
- 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.
• If you are printing over a wireless network, factors such as interference, network traffic, or weak signal strength may affect your printing speed.

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:
• **High Speed Copies**
• **Always Spool RAW Datatype**
• **Page Rendering Mode**
• **Print as Bitmap**

**Windows:** Select **Printer Properties**, click the **More Options** tab, and make sure the **High Speed** setting is enabled.

**Mac:** Select **System Preferences**, select **Printers & Scanners**, and select your product. Select **Options & Supplies**, select **Options** (or **Driver**), and enable the **High Speed Printing** setting.

If printing is still slow and you are using Windows 7 or Windows Vista, try the following:

1. Click and select **Computer** or **My Computer**. Double-click the C: drive and open these folders: **ProgramData > EPSON > PRINTER**.

   **Note:** If you do not see the ProgramData folder, open the **Organize** menu and select **Folder and search options**. In the window that appears, click the **View** tab, select **Show hidden files, folders, and drives** in the Advanced settings list, and click **OK**.

2. Right-click the **EPAUDF01.AUD** file and select **Delete**.
3. Restart your computer and try printing again.
Solving Page Layout and Content Problems

Check these sections if you have problems with the layout or content of your printed pages.

Note: When printing using AirPrint, the available print settings are different from those covered in this manual. See the Apple website for details.

Inverted Image
Too Many Copies Print
Blank Pages Print
Incorrect Margins on Printout
Border Appears on Borderless Prints
Incorrect Characters Print
Incorrect Image Size or Position
Slanted Printout

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.)
Related tasks
Selecting Additional Layout and Print Options - Windows
Selecting Basic Print Settings - Mac
Selecting Print Layout Options - Mac

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 Basic Print Settings - Windows
Selecting Basic Print Settings - Mac

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, if available.

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 Maintenance
Related tasks
Selecting Basic Print Settings - Windows
Selecting Extended Settings - Windows
Printing Your Document or Photo - Windows
Selecting Basic Print Settings - Mac
Selecting Printing Preferences - Mac
Printing Your Document or Photo - Mac
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 product.
- When placing originals on the scanner glass, align the corner of the original with the corner indicated by the arrow. If the edges of the copy are cropped, move the original slightly away from the corner.
- Clean the scanner glass and the document cover. If there is dust or stains on the glass, the copy area may extend to include the dust or stains.

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 - Mac
Selecting the Paper Settings - Control Panel
Loading Paper in the Cassette
Placing Originals on the Scanner Glass
Cleaning Your Product

Border Appears on Borderless Prints

If you see a border on borderless prints, try these solutions:

- Make sure you are printing on a compatible borderless paper type and size.

  Note: For custom paper sizes, make sure you select a supported borderless page width.

- Windows: Make sure you selected the Borderless setting in your printer software.

- Mac: Make sure you selected the Borderless checkbox or a paper size with a Borderless option in your printer software.

- Adjust the Expansion setting to adjust the amount of image expansion on the edges of borderless prints.

- Make sure the image size and the paper size are set correctly; if the image is small, the enlargement may not be enough to cover the paper.
• Access the Extended Settings (Windows) or Printing Preferences (Mac) and select **Remove White Borders**.

**Parent topic:** Solving Page Layout and Content Problems

**Related references**

Borderless Paper Type Compatibility
Print Options - Mac

**Related tasks**

Selecting Basic Print Settings - Windows
Selecting Extended Settings - Windows
Selecting Basic Print Settings - Mac
Selecting Printing Preferences - Mac

**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 your computer entered sleep mode the last time you printed, the next print job after your computer exits sleep mode may contain garbled characters. Print your document again.
• If incorrect characters still appear in your prints, try connecting your product using a different cable.
• **Windows or Mac:** Make sure you are using the printer software for this product. Check the product name at the top of the driver window.

**Parent topic:** Solving Page Layout and Content Problems

**Related tasks**

Printing Your Document or Photo - Windows
Printing Your Document or Photo - Mac

**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 you selected the correct paper size on the control panel.
• Make sure your paper is positioned correctly for feeding into the printer.
• Slide the edge guides against the edges of the paper.
• Clean the scanner glass and document cover.
• If the edges of a copy are cropped, slightly move the original away from the edges of the scanner glass.
• Make sure you selected the correct margins for your paper size in your printing program.

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 - Mac
- Selecting the Paper Settings - Control Panel
- Loading Paper in the Cassette
- Cleaning Your Product
- Placing Originals on the Scanner Glass

**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**

- Loading Paper in the Cassette
- Selecting Basic Print Settings - Windows
- Selecting Basic Print Settings - Mac
- Aligning the Print Head Using the Product Control Panel
Solving Print Quality Problems

Check these sections if your printouts have problems with print quality, but your image looks fine on your computer screen.

Note: When printing using AirPrint, the available print settings are different from those covered in this manual. See the Apple website for details.

White or Dark Lines in Printout
Blurry or Smeared Printout
Faint Printout or Printout Has Gaps
Grainy Printout
Incorrect Colors

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.
• Adjust the print quality in the product software.
• You may need to replace the ink cartridges.

Parent topic: Solving Print Quality Problems

Related concepts
Print Head Maintenance

Related tasks
Selecting Basic Print Settings - Windows
Selecting Basic Print Settings - Mac
Selecting the Paper Settings - Control Panel
Loading Paper in the Cassette
Blurry or Smeared Printout

If your printouts are blurry or smeared, 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 letterhead paper, make sure the paper size setting matches the size of paper you loaded. If you select a paper size that is too large for the paper you loaded, the product may print beyond the edges of the paper and cause ink to smear.
- Make sure you loaded the printable side of the paper correctly for your product.
- Remove each sheet from the output tray as it is printed.
- Avoid handling printouts on glossy paper right after printing to allow the ink to set.
- 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. Adjust the density and/or ink drying time settings.
- 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 Maintenance
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 cartridges may be old or low on ink, and you may need to replace them.
- 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 Maintenance

Related tasks
Loading Paper in the Cassette
Aligning the Print Head Using the Product Control Panel
Cleaning the Paper Guide

Related topics
Replacing Ink Cartridges and Maintenance Boxes
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 size in an image-editing program, you need to increase the image resolution setting to retain a high image quality. Increase the image resolution by the same amount you increase the image size. For example, if the image resolution is 300 dpi (dots per inch) and you will double the image size for printing, 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 Maintenance

**Related tasks**

- Loading Paper in the Cassette
- Selecting Basic Print Settings - Windows
- Selecting Basic Print Settings - Mac
- Aligning the Print Head Using the Product Control Panel

Incorrect Colors

If your printouts have incorrect colors, try these solutions:

- Make sure the paper type setting matches the paper you loaded.
• Make sure the Black/Grayscale or Grayscale setting is not selected in your printer software.
• If you selected Standard-Vivid (Windows) or Normal-Vivid (Mac) as the quality setting in the printer software, try selecting Standard (Windows) or Normal (Mac) instead.
• Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
• The ink cartridges may be old or low on ink, and you may need to replace them.
• After you print, the colors in your printout need time to set as the ink dries. During this time, the colors may look different than you expect. To speed up drying time, do not stack your printouts on top of each other.
• Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible. Try using the color management options in your printer software.
• For best results, use genuine Epson paper.

Parent topic: Solving Print Quality Problems
Related concepts
Print Head Maintenance
Related tasks
Selecting Basic Print Settings - Windows
Selecting Basic Print Settings - Mac
Selecting the Paper Settings - Control Panel
Related topics
Replacing Ink Cartridges and Maintenance Boxes

Solving Scanning Problems
Check these solutions if you have problems scanning with your product.

Scanning Software Does Not Operate Correctly
Cannot Start Epson Scan 2
Scanning is Slow

Parent topic: Solving Problems
Scanning Software Does Not Operate Correctly

If your scanning software does not operate correctly, try these solutions:

• Make sure your computer has adequate memory and meets the system requirements for your operating system.

• Make sure your computer is not running in a power-saving mode, such as sleep or standby. If so, wake your system and restart your scanning software.

• If you upgraded your operating system but did not reinstall your scanning software, try reinstalling it.

• In Windows, make sure your product is listed as a valid device in the Scanners and Cameras control panel.

Parent topic: Solving Scanning Problems

Cannot Start Epson Scan 2

If you cannot start Epson Scan 2, try these solutions:

• Make sure your product is turned on and any interface cables are securely connected at both ends.

• Make sure Epson Scan 2 is selected as your scanning program.

• Make sure your computer is not running in a power-saving mode, such as sleep or standby. If so, wake your system and restart Epson Scan 2.

• Check the connection setting and test the connection using Epson Scan 2 Utility:
  
  **Windows 10:** Click and select EPSON > Epson Scan 2 Utility. Make sure the correct product is selected. If necessary, select the Other tab and click Reset.

  **Windows 8.x:** Navigate to the Apps screen and select Epson Scan 2 Utility. Make sure the correct product is selected. If necessary, select the Other tab and click Reset.

  **Windows (other versions):** Click or Start > All Programs or Programs > EPSON > Epson Scan 2 > Epson Scan 2 Utility. Make sure the correct product is selected. If necessary, select the Other tab and click Reset.

  **Mac:** Open the Applications folder, click Epson Software, and click Epson Scan 2 Utility. Make sure the correct product is selected. If necessary, select the Other tab and click Reset.

• Make sure you do not have multiple versions of Epson Scan 2 installed. If you do, uninstall both versions and install one version.

• If you upgraded your operating system but did not reinstall Epson Scan 2, try reinstalling it.

Parent topic: Solving Scanning Problems
Scanning is Slow

If scanning becomes slow, try these solutions:

- Scan your original at a lower resolution, if possible.
- Make sure your system meets the requirements for your operating system. If you are scanning a high-resolution image, you may need more than the minimum requirements. If necessary, increase your system's memory or reduce the resolution.
- If you are scanning over a wireless network, factors such as interference, network traffic, or weak signal strength may affect your scanning speed.

Parent topic: Solving Scanning Problems

Related concepts
- Scan Resolution Guidelines

Solving Scanned Image Quality Problems

Check these sections if a scanned image on your computer screen has a quality problem.

- Image Consists of a Few Dots Only
- Line of Dots Appears in All Scanned Images
- Straight Lines in an Image Appear Crooked
- Image is Distorted or Bluony
- Image Colors are Patchy at the Edges
- Image is Too Dark
- Back of Original Image Appears in Scanned Image
- Ripple Patterns Appear in an Image
- Scanned Image Colors Do Not Match Original Colors
- Scanned Image Edges are Cropped

Parent topic: Solving Problems
Image Consists of a Few Dots Only

If your scanned image consists only of a few dots, try these solutions:

• Make sure you placed your original for scanning facing the correct way.
• If the Image Type setting is Black & White, adjust the Threshold and scan again.

Parent topic: Solving Scanned Image Quality Problems

Related tasks
Placing Originals on the Scanner Glass
Scanning in Epson Scan 2

Line of Dots Appears in All Scanned Images

If a line of dots appears in all your scanned images, clean the scanner glass with a soft, dry, lint-free cloth or use a small amount of glass cleaner on the cloth, if necessary. Paper towels are not recommended.

Caution: Do not spray glass cleaner directly on the scanner glass.

Parent topic: Solving Scanned Image Quality Problems

Related tasks
Cleaning Your Product

Straight Lines in an Image Appear Crooked

If straight lines in an original appear crooked in a scanned image, make sure to place your original straight when you scan it.

Parent topic: Solving Scanned Image Quality Problems

Related tasks
Placing Originals on the Scanner Glass

Image is Distorted or Blurry

If a scanned image appears distorted or blurry, try these solutions:

• Do not move your original or your product during scanning.
• Your product will not operate properly while tilted at an angle. Place your product on a flat, stable surface that extends beyond its base in all directions.
• Adjust these Epson Scan 2 settings (if available) and try scanning again:
  • Increase the Resolution setting.
  • If the Image Type setting is Black & White, adjust the Threshold setting.
  • If the Image Type setting is Color or Grayscale, select the Unsharp Mask setting.
  • If the Image Type setting is Black & White, select Text Enhancement. If the Image Type setting is Color or Grayscale, change the Text Enhancement setting to High.

Parent topic: Solving Scanned Image Quality Problems

Related tasks
Placing Originals on the Scanner Glass
Scanning in Epson Scan 2

Image Colors are Patchy at the Edges
If you are scanning a thick or warped original, cover its edges with paper to block external light as you scan it.

Parent topic: Solving Scanned Image Quality Problems

Image is Too Dark
If your scanned image is too dark, try these solutions:
• If the Image Type is set to Color or Grayscale, adjust the Brightness setting.
• Check the brightness and contrast settings of your computer monitor.

Parent topic: Solving Scanned Image Quality Problems

Related tasks
Scanning in Epson Scan 2

Back of Original Image Appears in Scanned Image
If an image from the back of a thin original appears in your scanned image, try these solutions:
• Place a piece of black paper on the back of the original and scan it again.
• Adjust these Epson Scan 2 settings (if available) and try scanning again:
  • Select the Advanced Settings tab and adjust the Brightness setting.
  • If the Image Type is set to Black & White, select Text Enhancement. If the Image Type is set to Color or Grayscale, change the Text Enhancement setting to High.
Ripple Patterns Appear in an Image

You may see a ripple pattern (called a moiré) in scanned images of printed documents. This is caused by interference from differing pitches in the scanner's screen and your original's halftone screen. To reduce this effect, adjust these Epson Scan settings (if available) and try scanning again:

- Select the Descreening setting.
- Select a lower Resolution setting.

Scanned Image Colors Do Not Match Original Colors

Printed colors can never exactly match the colors on your computer monitor because printers and monitors use different color systems: monitors use RGB (red, green, and blue) and printers typically use CMYK (cyan, magenta, yellow, and black).

Check the color matching and color management capabilities of your computer, display adapter, and the software you are using to see if they are affecting the palette of colors you see on your screen.

To adjust the colors in your scanned image, adjust these Epson Scan 2 settings (if available) and try scanning again:

- If the Image Type setting is Color or Grayscale, adjust the Contrast setting.
- If the Image Type setting is Black & White or Grayscale, adjust the Color Enhance setting.

Scanned Image Edges are Cropped

If the edges of a scanned image are cropped, make sure your original is placed correctly for scanning. If necessary, move your original away from the edges of the scanner glass slightly.
Solving Memory Card Problems

Check these solutions if you have problems using memory cards with your product.

- Memory Card Does Not Fit Into a Slot
- Cannot View or Print Photos from a Memory Card or Device
- Cannot Transfer Photos to or from a Memory Card or Device

Parent topic: Solving Problems
Related tasks
Inserting a Memory Card

Memory Card Does Not Fit Into a Slot

If a memory card does not fit properly in a slot, do not force it in. You may need to use an adapter with your memory card.

Parent topic: Solving Memory Card Problems
Related tasks
Inserting a Memory Card

Cannot View or Print Photos from a Memory Card or Device

If you cannot view or print photos from a memory card or USB device inserted in your product, try these solutions:

- Make sure your memory card or device is compatible with the product.
- Make sure the files on your memory card or device are in the correct format.
- If you have too many photos on your memory card or device, you may not see all the photos you expect or may be prompted to select a group of photos by date. Reduce the number of photos on your card or select one group of photos at a time. Check the specifications for the maximum number of photos.

Parent topic: Solving Memory Card Problems
Related references
Memory Card Types
Memory Card File Specifications
Cannot Transfer Photos to or from a Memory Card or Device

If you have problems transferring photos to or from a memory card or USB device inserted in your product, try these solutions:

- Make sure your memory card or device is compatible with the product.
- Make sure your product is securely connected to your computer.
- If you are transferring photos to a memory card, check the memory card's write-protect tab to make sure it is set to allow writing to the card.
- Make sure that the file sharing setting for your product is set correctly.

Parent topic: Solving Memory Card Problems

Related references
Memory Card Types
Memory Card File Specifications

Related tasks
Setting Up File Sharing for Photo Transfers from Your Computer

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 Product Software - Windows
Uninstalling Product Software - Mac

Parent topic: Solving Problems

Uninstalling Product Software - Windows

You can uninstall and then re-install your product software to solve certain problems.

1. Turn off the product.
2. Disconnect any interface cables.
3. Do one of the following:

- **Windows 10**: Click \(\text{\textasciitilde}\) and select (Settings) > Apps > Apps & features. Then select the program you want to uninstall and select Uninstall.

- **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.

  Select your product again, if necessary, then select OK, and click Yes to confirm the uninstallation.

- **Windows (other versions)**: Click \(\text{\textasciitilde}\) 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 and click OK. Then follow any on-screen instructions.

4. Do one of the following to uninstall Epson Event Manager, then follow any on-screen instructions:

- **Windows 10/8.x**: Select Epson Event Manager and click Uninstall.

- **Windows 7/Windows Vista**: Open the Windows Control Panel utility. Select Programs and Features. (In Classic view, select Programs and click Uninstall a program.) Select Epson Event Manager and click Uninstall/Change.

5. Do one of the following to uninstall Epson Scan 2, then follow any on-screen instructions:

- **Windows 10**: Select Epson Scan 2 and click Uninstall.

- **Windows 8.x/Windows 7/Windows Vista**: Select Epson Scan 2 and click Uninstall/Change.

6. Restart your computer, then see the Start Here sheet to 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 - Mac**

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 epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean) and select your product.
2. Click **Downloads**.
3. Select your operating system, click **Utilities**, locate the Uninstaller utility, and click **Download**.
4. Run the file you downloaded.
5. Double-click the **Uninstaller** icon.
6. In the Epson Uninstaller screen, select the checkbox for each software program you want to uninstall.
7. Click **Uninstall**.
8. Follow the on-screen instructions to uninstall the software.
9. 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

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### 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.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean) and select your product 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) 276-4382, 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday
• Canada: (905) 709-3839, 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 (U.S. sales), epson.ca (Canadian sales), or epson.com.jm (Caribbean sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

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 (U.S) or this site (Canada) for information on how to return your Epson products for proper disposal.

Windows System Requirements
Mac System Requirements
Paper Specifications
Printable Area Specifications
Scanning Specifications
Ink Cartridge Specifications
Memory Card Specifications
Dimension Specifications
Electrical Specifications
Environmental Specifications
Interface Specifications
Network Interface Specifications
Safety and Approvals Specifications

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 Server 2016
• Windows Server 2012 R2
• Windows Server 2012
• Windows Server 2008 R2
• Windows Server 2008
• Windows Server 2003 R2
• Windows Server 2003 SP2 or later

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean), select your product, and select Downloads.

Parent topic: Technical Specifications

Mac System Requirements
To use your product and its software, your Mac should use one of these operating systems:
• macOS 10.13.x
• macOS 10.12.x
• 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: For the latest product software available for your operating system, visit the Epson support site at epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean), select your product, and select Downloads.

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])
Folio (8.5 × 13 inches [216 × 330 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)
Executive (7.25 × 10.5 inches [184 × 267 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
17 lb (64 g/m²) to 24 lb (90 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)

Printable Area Specifications

Note: When printing borderless, quality may decline in the expanded printable area.
### Single sheets

1. Top/bottom/left/right: 0.12 inch (3 mm) minimum
2. Top reduced quality area: 1.61 inches (41 mm) minimum
3. Bottom reduced quality area: 1.46 inches (37 mm) minimum

### Borderless

1. Top reduced quality area: 1.73 inches (44 mm) minimum
2. Bottom reduced quality area: 1.57 inches (40 mm) minimum
Envelopes

1. Left/right: 0.12 inch (3 mm) minimum
2. Top/Bottom: 0.20 inch (5 mm) minimum
3. Left reduced quality area: 0.70 inch (18 mm) minimum
4. Right reduced quality area: 1.61 inches (41 mm) minimum

Parent topic: Technical Specifications

Scanning Specifications

- **Scanner type**: Flatbed, color
- **Photoelectric device**: CIS
- **Effective pixels**: 10200 × 14040 pixels at 1200 dpi
- **Document size**: Maximum: 8.5 × 11.7 inches (216 × 297 mm)
  
  Scanner glass: US letter or A4
- **Scanning resolution**: 1200 dpi (main scan)
  
  2400 dpi (sub scan)
- **Output resolution**: 50 to 9600 in 1 dpi increments
### Image data

**Color:**
- 48 bits per pixel (16 bits per pixel per color) internal
- 24 bits per pixel (8 bits per pixel per color) external

**Grayscale:**
- 16 bits per pixel internal
- 8 bits per pixel external

**Black and white:**
- 16 bits per pixel internal
- 1 bit per pixel external

### Light source

LED

### Parent topic: Technical Specifications

**Ink Cartridge Specifications**

**Note:** This printer is designed for use with Epson cartridges only, not third-party cartridges or ink. Other brands of ink supplies are not compatible and, if described as compatible, may not function properly or continuously. Such restrictions can be avoided with some other printers such as Epson EcoTank cartridge-free printers.

The included initial cartridges are designed for reliable printer setup and cannot be used as replacement cartridges or resold. After setup, the remaining ink is available for printing. Yields are based on ISO 24711 in default mode, printing continuously. Yields vary due to print images, settings, and temperatures. Printing infrequently or primarily with one color reduces yields. All cartridges must be installed with ink for printing and printer maintenance. For print quality, some ink remains in replaced cartridges.

<table>
<thead>
<tr>
<th>Color</th>
<th>Black, Cyan, Magenta, Yellow</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cartridge life</strong></td>
<td>Opened package: 6 months</td>
</tr>
<tr>
<td></td>
<td>Unopened package: do not use if the date on the package has expired</td>
</tr>
</tbody>
</table>
**Temperature**

Storage: –22 to 104 °F (–30 to 40 °C)
1 month at 104 °F (40 °C)
Ink freezes at 3.2 °F (–16 °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

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### Memory Card Specifications

**Note:** Cards marked with an asterisk (*) require an adapter; consult your adapter documentation for details on using it.

**Compatible types and maximum capacities**

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD</td>
<td>2GB</td>
</tr>
<tr>
<td>SDHC</td>
<td>32GB</td>
</tr>
<tr>
<td>SDXC</td>
<td>64GB</td>
</tr>
<tr>
<td>miniSD*</td>
<td>2GB</td>
</tr>
<tr>
<td>miniSDHC*</td>
<td>32GB</td>
</tr>
<tr>
<td>microSD*</td>
<td>2GB</td>
</tr>
<tr>
<td>microSDHC*</td>
<td>32GB</td>
</tr>
<tr>
<td>microSDXC*</td>
<td>64GB</td>
</tr>
</tbody>
</table>

**Media format**

JPEG taken by digital cameras that are DCF (Design rule for Camera File system) version 1.0 or 2.0 compliant; photos stored in built-in digital camera memory are not supported

**Parent topic:** Technical Specifications
Dimension Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>7.4 inches (187 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>14.8 inches (375 mm)</td>
</tr>
<tr>
<td>Depth (Stored)</td>
<td>13.7 inches (347 mm)</td>
</tr>
<tr>
<td>Depth (Printing)</td>
<td>19.8 inches (503 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approximately 12.1 lb (5.5 kg)</td>
</tr>
<tr>
<td>(without ink cartridges or power cord)</td>
<td></td>
</tr>
</tbody>
</table>

Parent topic: Technical Specifications

Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply rating</td>
<td>100 to 240 V</td>
</tr>
<tr>
<td>Rated frequency range</td>
<td>50 to 60 Hz</td>
</tr>
<tr>
<td>Rated current</td>
<td>0.4 to 0.2 A</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Standalone copying: Approximately 12 W (ISO/IEC24712)</td>
</tr>
<tr>
<td></td>
<td>Ready mode: Approximately 5.3 W</td>
</tr>
<tr>
<td></td>
<td>Sleep mode: Approximately 0.7 W</td>
</tr>
<tr>
<td></td>
<td>Power off mode: Approximately 0.2 W</td>
</tr>
</tbody>
</table>

Parent topic: Technical Specifications

Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature (Operating)</td>
<td>50 to 95 °F (10 to 35 °C)</td>
</tr>
<tr>
<td></td>
<td>Storage: –4 to 104 °F (–20 to 40 °C)</td>
</tr>
<tr>
<td></td>
<td>1 month at 104 °F (40 °C)</td>
</tr>
<tr>
<td>Humidity (Operating)</td>
<td>20 to 80% RH</td>
</tr>
<tr>
<td></td>
<td>Storage: 5 to 85% RH</td>
</tr>
<tr>
<td>(without condensation)</td>
<td></td>
</tr>
</tbody>
</table>
Interface Specifications

Interface type
Hi-Speed USB (Device Class for computers)

Network Interface Specifications

Wireless LAN standard
IEEE 802.11 b/g/n; complies with either IEEE 802.11 b/g or IEEE 802.11 b/g/n, depending on purchase location

Wireless security
WPA2-PSK (AES); complies with WPA2 with support for WPA/WPA2 Personal
WEP (64/128 bit)

Frequency band
2.4 GHz

Communication mode
Infrastructure mode

Wi-Fi Direct (Simple AP); not supported for IEEE 802.11b

Security protocol
SSL/TLS
HTTPS Server/Client, IPPS

Maximum radio frequency power transmitted
19.8 dBm (EIRP)

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 contains the following wireless module:

- Manufacturer: Askey Computer Corporation.
- Type: WLU6320-D69 (RoHS)

This product conforms to Part 15 of FCC Rules and RSS-210 of the IC Rules. Epson cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

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
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](U.S) or [this site](Canada) for information on how to return your Epson products for proper disposal.

- Important Safety Instructions
- Important Privacy Notice (Printer Serial Number)
- FCC Compliance Statement
- Binding Arbitration and Class Waiver
- Trademarks
- Copyright Notice

**Important Safety Instructions**

Before using your Epson product, read and follow these safety instructions.

- General Product Safety Instructions
- Ink Cartridge Safety Instructions
- Wireless Connection Safety Instructions
- LCD Screen Safety Instructions

**Parent topic:** Notices

**General Product Safety Instructions**

- Be sure to follow all warnings and instructions marked on the product.
- Use only the type of power source indicated on the product's label.
- Use only the power cord that comes with the product. Use of another cord may cause fires or shock. Do not use the cord with any other equipment.
- Make sure the AC power cord meets the relevant local safety standard.
- Place the product near a wall outlet where the plug can be easily unplugged.
- Avoid plugging the product 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. Place it to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of it and do not allow it to be stepped on or run over. Be careful to keep the cord straight at each end.

• If you use an extension cord with the product, 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 product using the power button, and wait until the power light stops flashing before unplugging the product or cutting off power to the electrical outlet.

• If you will not be using the product for a long period, unplug the power cord from the electrical outlet.

• Place the product 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.

• Allow space behind the product for the cables, and space above the product so that you can fully raise the document cover.

• Leave enough space in front of the product 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 or store the product outdoors.

• Do not place the product near excessive heat sources or in direct sunlight.

• Leave enough room around the product for sufficient ventilation. Do not block or cover openings in the case or insert objects through the slots.

• Keep the product away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.

• Keep your product at least 8.7 inches (22 cm) away from cardiac pacemakers to prevent your product's radio waves from affecting the operation of the pacemaker.

• When connecting the product 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 product.

• Do not touch the translucent film inside the product.

• Do not move the print head by hand; this may damage the product.

• Do not put your hand inside the product while it is printing.

• Do not spill liquid on the product or use the product with wet hands.
• Do not use aerosol products that contain flammable gases inside or around the product. Doing so may cause fire.
• Do not press too hard on the document table when placing originals.
• Do not open the scanner section while the product is copying, printing, scanning, or performing any other functions.
• Be careful not to trap your fingers when closing the document cover or scanner.
• Except as specifically explained in your documentation, do not attempt to service or disassemble the product yourself.
• Unplug the product 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.
• Leave the ink cartridges installed. Removing the cartridges can dehydrate the print head and may prevent the product from printing.
• Before transporting the product, make sure that the print head is in the home (far right) position and the ink cartridges are in place.
• When storing or transporting the product, 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.
• Make sure to install all ink cartridges. The printer only works when all ink cartridges are properly installed.
• 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

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

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 or subject it to heavy impacts.
• Do not use a pointy or sharp object, such as a pen or your fingernail, to operate the LCD screen.
• If the LCD screen chips or cracks, do not touch or attempt to remove the broken pieces; contact Epson for support.

Parent topic: Important Safety Instructions
Important Privacy Notice (Printer Serial Number)

As part of setup, your product’s serial number will be sent to a secure Epson server so that you can be eligible to participate in programs we may offer from time to time, including the Epson ink replenishment program. You will have a separate opportunity to consent to participating in such programs.

If you have any questions concerning this process, you can contact us by using the Privacy Feedback Form, or you can write to:

Epson America, Inc.
Attn: Privacy Coordinator
3840 Kilroy Airport Way
Long Beach, CA 90806-2469

Parent topic: Notices

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

Binding Arbitration and Class Waiver

1. DISPUTES, BINDING INDIVIDUAL ARBITRATION, AND WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS

1.1 Disputes. The terms of this Section 1 shall apply to all Disputes between you and Epson. The term “Dispute” is meant to have the broadest meaning permissible under law and includes any dispute, claim, controversy or action between you and Epson arising out of or relating to this Agreement, Epson branded products (hardware and including any related software), or other transaction involving you and Epson, whether in contract, warranty, misrepresentation, fraud, tort, intentional tort, statute, regulation, ordinance, or any other legal or equitable basis. "DISPUTE" DOES NOT INCLUDE IP CLAIMS, or more specifically, a claim or cause of action for (a) trademark infringement or dilution, (b) patent infringement, (c) copyright infringement or misuse, or (d) trade secret misappropriation (an "IP Claim"). You and Epson also agree, notwithstanding Section 1.6, that a court, not an arbitrator, may decide if a claim or cause of action is for an IP Claim.

1.2 Binding Arbitration. You and Epson agree that all Disputes shall be resolved by binding arbitration according to this Agreement. ARBITRATION MEANS THAT YOU WAIVE YOUR RIGHT TO A JUDGE OR JURY IN A COURT PROCEEDING AND YOUR GROUNDS FOR APPEAL ARE LIMITED. Pursuant to this Agreement, binding arbitration shall be administered by JAMS, a nationally recognized arbitration authority, pursuant to its code of procedures then in effect for consumer related disputes, but excluding any rules that permit joinder or class actions in arbitration (for more detail on procedure, see Section 1.6 below). You and Epson understand and agree that (a) the Federal Arbitration Act (9 U.S.C. §1, et seq.) governs the interpretation and enforcement of this Section 1, (b) this Agreement memorializes a transaction in interstate commerce, and (c) this Section 1 shall survive termination of this Agreement.

1.3 Pre-Arbitration Steps and Notice. Before submitting a claim for arbitration, you and Epson agree to try, for sixty (60) days, to resolve any Dispute informally. If Epson and you do not reach an agreement to resolve the Dispute within the sixty (60) days), you or Epson may commence an arbitration. Notice to Epson must be addressed to: Epson America, Inc., ATTN: Legal Department, 3840 Kilroy Airport Way, Long Beach, CA 90806 (the "Epson Address"). The Dispute Notice to you will be sent to the most recent address Epson has in its records for you. For this reason, it is important to notify us if your address changes by emailing us at EAILegal@ea.epson.com or writing us at the Epson Address above. Notice of
the Dispute shall include the sender's name, address and contact information, the facts giving rise to the Dispute, and the relief requested (the "Dispute Notice"). Following receipt of the Dispute Notice, Epson and you agree to act in good faith to resolve the Dispute before commencing arbitration.

1.4 Small Claims Court. Notwithstanding the foregoing, you may bring an individual action in the small claims court of your state or municipality if the action is within that court's jurisdiction and is pending only in that court.

1.5 WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS. YOU AND EPSON AGREE THAT EACH PARTY MAY BRING DISPUTES AGAINST THE OTHER PARTY ONLY IN AN INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF OR CLASS MEMBER IN ANY CLASS OR REPRESENTATIVE PROCEEDING, INCLUDING WITHOUT LIMITATION FEDERAL OR STATE CLASS ACTIONS, OR CLASS ARBITRATIONS. CLASS ACTION LAWSUITS, CLASS-WIDE ARBITRATIONS, PRIVATE ATTORNEY-GENERAL ACTIONS, AND ANY OTHER PROCEEDING WHERE SOMEONE ACTS IN A REPRESENTATIVE CAPACITY ARE NOT ALLOWED. ACCORDINGLY, UNDER THE ARBITRATION PROCEDURES OUTLINED IN THIS SECTION, AN ARBITRATOR SHALL NOT COMBINE OR CONSOLIDATE MORE THAN ONE PARTY'S CLAIMS WITHOUT THE WRITTEN CONSENT OF ALL AFFECTED PARTIES TO AN ARBITRATION PROCEEDING.

1.6 Arbitration Procedure. If you or Epson commences arbitration, the arbitration shall be governed by the rules of JAMS that are in effect when the arbitration is filed, excluding any rules that permit arbitration on a class or representative basis (the "JAMS Rules"), available at http://www.jamsadr.com or by calling 1-800-352-5267, and under the rules set forth in this Agreement. All Disputes shall be resolved by a single neutral arbitrator, and both parties shall have a reasonable opportunity to participate in the selection of the arbitrator. The arbitrator is bound by the terms of this Agreement. The arbitrator, and not any federal, state or local court or agency, shall have exclusive authority to resolve all disputes arising out of or relating to the interpretation, applicability, enforceability or formation of this Agreement, including any claim that all or any part of this Agreement is void or voidable. Notwithstanding this broad delegation of authority to the arbitrator, a court may determine the limited question of whether a claim or cause of action is for an IP Claim, which is excluded from the definition of "Disputes" in Section 1.1 above. The arbitrator shall be empowered to grant whatever relief would be available in a court under law or in equity. The arbitrator may award you the same damages as a court could, and may award declaratory or injunctive relief only in favor of the individual party seeking relief and only to the extent necessary to provide relief warranted by that party's individual claim. In some instances, the costs of arbitration can exceed the costs of litigation and the right to discovery may be more limited in arbitration than in court. The arbitrator's award is binding and may be entered as a judgment in any court of competent jurisdiction.

You may choose to engage in arbitration hearings by telephone. Arbitration hearings not conducted by telephone shall take place in a location reasonably accessible from your primary residence, or in Orange County, California, at your option.
a) Initiation of Arbitration Proceeding. If either you or Epson decides to arbitrate a Dispute, both parties agree to the following procedure:

(i) Write a Demand for Arbitration. The demand must include a description of the Dispute and the amount of damages sought to be recovered. You can find a copy of a Demand for Arbitration at http://www.jamsadr.com ("Demand for Arbitration").

(ii) Send three copies of the Demand for Arbitration, plus the appropriate filing fee, to: JAMS, 500 North State College Blvd., Suite 600 Orange, CA 92868, U.S.A.

(iii) Send one copy of the Demand for Arbitration to the other party (same address as the Dispute Notice), or as otherwise agreed by the parties.

b) Hearing Format. During the arbitration, the amount of any settlement offer made shall not be disclosed to the arbitrator until after the arbitrator determines the amount, if any, to which you or Epson is entitled. The discovery or exchange of non-privileged information relevant to the Dispute may be allowed during the arbitration.

c) Arbitration Fees. Epson shall pay, or (if applicable) reimburse you for, all JAMS filings and arbitrator fees for any arbitration commenced (by you or Epson) pursuant to provisions of this Agreement.

d) Award in Your Favor. For Disputes in which you or Epson seeks $75,000 or less in damages exclusive of attorney’s fees and costs, if the arbitrator's decision results in an award to you in an amount greater than Epson's last written offer, if any, to settle the Dispute, Epson will: (i) pay you $1,000 or the amount of the award, whichever is greater; (ii) pay you twice the amount of your reasonable attorney’s fees, if any; and (iii) reimburse you for any expenses (including expert witness fees and costs) that your attorney reasonably accrues for investigating, preparing, and pursuing the Dispute in arbitration. Except as agreed upon by you and Epson in writing, the arbitrator may not award duplicative awards of attorney’s fees and expenses.

e) Attorney's Fees. Epson will not seek its attorney's fees and expenses for any arbitration commenced involving a Dispute under this Agreement. Your right to attorney’s fees and expenses under Section 1.6d) above does not limit your rights to attorney’s fees and expenses under applicable law; notwithstanding the foregoing, the arbitrator may not award duplicative awards of attorney’s fees and expenses.

1.7 Opt-out. You may elect to opt-out (exclude yourself) from the final, binding, individual arbitration procedure and waiver of class and representative proceedings specified in this Agreement by sending a written letter to the Epson Address within thirty (30) days of your assent to this Agreement (including without limitation the purchase, download, installation of the Software or other applicable use of Epson Hardware, products and services) that specifies (i) your name, (ii) your mailing address, and (iii) your request to be excluded from the final, binding individual arbitration procedure and waiver of class and representative proceedings specified in this Section 1. In the event that you opt-out consistent with the procedure set forth above, all other terms shall continue to apply, including the requirement to provide notice prior to litigation.
1.8 Amendments to Section 1. Notwithstanding any provision in this Agreement to the contrary, you and Epson agree that if Epson makes any future amendments to the dispute resolution procedure and class action waiver provisions (other than a change to Epson's address) in this Agreement, Epson will obtain your affirmative assent to the applicable amendment. If you do not affirmatively assent to the applicable amendment, you are agreeing that you will arbitrate any Dispute between the parties in accordance with the language of this Section 1 (or resolve disputes as provided for in Section 1.7, if you timely elected to opt-out when you first assented to this Agreement).

1.9 Severability. If any provision in this Section 1 is found to be unenforceable, that provision shall be severed with the remainder of this Agreement remaining in full force and effect. The foregoing shall not apply to the prohibition against class or representative actions as provided in Section 1.5. This means that if Section 1.5 is found to be unenforceable, the entire Section 1 (but only Section 1) shall be null and void.

Parent topic: Notices

Trademarks

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Epson iPrint™ and Remote Print™ are trademarks of Seiko Epson Corporation.

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Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

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Parent topic: Notices

Copyright Notice

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9/18

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