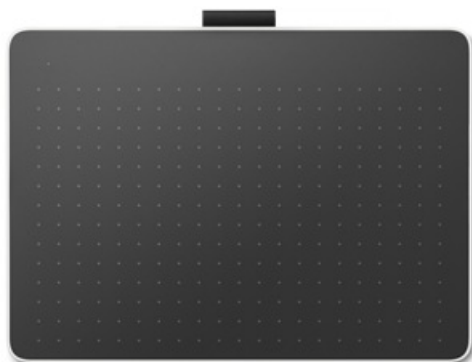


Wacom User Help

CTC6110WL



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- [Set up your device](#)
- [Work with your pen](#)
- [Customize your Wacom device](#)
- [Wacom Center](#)
- [Open Wacom Tablet Properties](#)
- [On-screen shortcuts](#)
- [Application-specific settings](#)
- [Connect wirelessly by Bluetooth](#)
- [Map your device to your display\(s\)](#)
- [Learn and connect](#)
- [Wacom Support](#)
- [Glossary](#)
- [Order parts and accessories](#)
- [Care for your device](#)
- [About this document](#)



wacom®

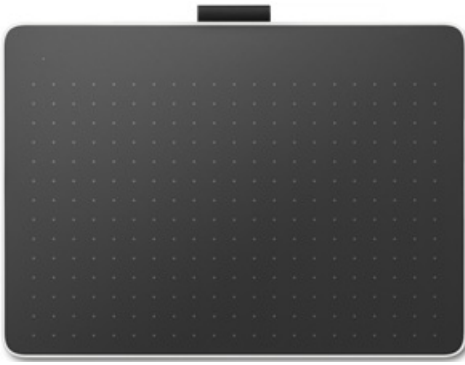
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About Wacom One



Note: "Wacom One" refers to both the Wacom One S and the Wacom One M.

Your Wacom One helps you express yourself creatively and is a great tool for working or learning from home. Use the pressure-sensitive pen included with your Wacom One to create artwork; make annotations in texts; or work with graphs, calculations, and diagrams on your computer display.

Connect your Wacom One to your [computer](#) or via [Bluetooth](#).

See [Wacom One features](#) for illustrations and information about your device.

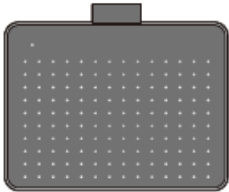
Topics on this page




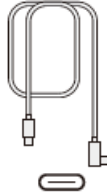
- [Included with your Wacom One](#)
- [Use the Wacom One with Android](#)
- [Find more information](#)

Included with your Wacom One

After you unpack your Wacom One, make sure that you have the items and accessories listed in the table below.

Important: The Wacom One comes with different contents, depending on the model you purchased.


Description	Image	Model	
		Standard	eStore
Wacom One device		✓	✓

Wacom One Standard pen		✓	Available for purchase on the Wacom eStore
Pen nibs		✓	Available for purchase on the Wacom eStore
Nib removal tool		✓	Not available for purchase on the Wacom eStore
USB-C cable		✓	Available for purchase on the Wacom eStore

Use the Wacom One with Android

You can use the Wacom One with many different Android smartphones and tablets. Download the **Wacom Center for Android** app to configure the Wacom One for use with your Android device.

Find more information

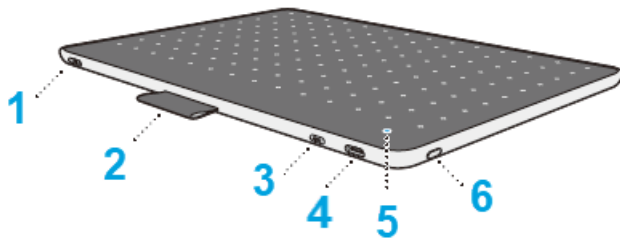
- See the Wacom Center [Learn and Connect](#) page, where you can learn skills related to the software bundled with your Wacom device.
- Access FAQs and other product information on the Wacom website:
 - [Wacom One S Getting Started](#)
 - [Wacom One M Getting Started](#)
- Review the Important Product Information, which describes safety precautions, specifications, warranties, and the license agreement for your device, available in the Help & support  section of [Wacom Center](#).

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Features of your Wacom One



Note: "Wacom One" refers to both the Wacom One S and the Wacom One M.











<p>1</p>	<p>Pen tether slot</p>	<p>Attach the pen to your Wacom One using the pen tether slot.</p> <div data-bbox="451 741 524 814" data-label="Image"> </div> <p>Note: The Pen tether is an optional feature, available in the Wacom eStore.</p>
<p>2</p>	<p>Pen holder</p>	<p>Use the tab on the top of the device to store the pen when it is not in use.</p> <div data-bbox="462 982 993 1249" data-label="Image"> </div>
<p>3</p>	<p>Mode button</p>	<p>This button is used for troubleshooting specific issues with Android devices. For more details, visit Wacom Support to search for "Android FAQs".</p>
<p>4</p>	<p>USB-C port</p>	<p>Connect your device to your computer using the USB-C cable included with your device (or purchased separately on the Wacom eStore).</p>
<p>5</p>	<p>Status LED</p>	<p>The LED lights when the device is on and brightens when the pen is near the active area. The LED also indicates Bluetooth status.</p>
<p>6</p>	<p>Power button & Bluetooth</p>	<p>Press the button to turn the device on and off and to connect wirelessly to a computer or Android device.</p> <div data-bbox="451 1654 524 1728" data-label="Image"> </div> <p>Note: When connected via USB, you do not need to use the Power button to turn the device on.</p>

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Battery and Bluetooth icon status

When you connect the Wacom One S or Wacom One M to your computer, you will see the Bluetooth and battery icons on the right side of the [main content area](#) in Wacom Center. A guide to the icons follows. See [Change the orientation of the device](#) for a guide to the "orientation" icons.

Battery		Charging
		Full power Note: If a check mark is present, charging is complete.
		Low power
		Requires charge
		No charge
		Battery status unknown
Bluetooth		Connected via Bluetooth
		Connected via cable



Tip: Click the Bluetooth icon to open connection instructions for your operating system.

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Use your device with Android or Chromebook

Your Wacom device is compatible with certain Android devices, Chromebooks, or both.

To learn more about what Android and Chromebook devices your Wacom device may be compatible with, see the [Wacom Product Compatibility](#) page.

We also suggest visiting [Wacom Support](#), where you can search the help center for "Android" or "Chromebook" to learn more.

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Set up your device

The topics that contain the specific instructions needed to help you set up your device are within this **Set up your device** section in the Table of Contents.

If you cannot already see the setup topics, click  next to **Set up your device** in the Table of Contents on the left.

The Quick Start Guide included in the product box contains images that can also help guide you through the setup process.

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Connect to your computer



Note: "Wacom One" refers to both the Wacom One S and the Wacom One M.

After you have removed your Wacom One from the box and are ready to begin using it, complete the steps below to connect to your computer. You can also reference the Quick Start Guide included in the Wacom One box.

To connect your Wacom One via Bluetooth, see the [Connect wirelessly by Bluetooth](#) instructions.

Connect using the USB-C cable

1. Connect your Wacom One to your computer or Android device using the USB cable included with your device, or purchased on the Wacom eStore.



Warning: Use the USB cable designed for your Wacom One. Other cables are not compatible and may damage your device.

2. [Install the Wacom driver](#) and start using your device.

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Install the Wacom driver

Important: Download and install the latest Wacom driver so your device is fully functional.

Topics on this page

- [Install the Wacom driver](#)
- [Update the Wacom driver from Wacom Center](#)


Install the Wacom driver

1. Go to Wacom's Product Resources page: www.wacom.com/download.
2. In the **Search to find your product resources** search bar, enter your product's name or model number.
3. Select your product from the resulting drop-down list.
4. From the resources list that displays for your device, click **Download Windows Driver** or **Download Mac Driver**, depending on your computer's operating system.
5. Follow the on-screen instructions.

Important: For **macOS**, installing the driver requires enabling Privacy & Security settings. Please see the instructions for [setting up the Wacom driver for macOS](#).

Update the Wacom driver from Wacom Center

Updated Wacom drivers are periodically made available on both Wacom's Product resources page (see instructions above) and in [Wacom Center](#) (see instructions below). Check in and update regularly so your device has the latest features and functionality.

1. [Open Wacom Center](#).
2. If a notification symbol displays next to the Global settings  icon, a Wacom driver update may be available. Click the icon to proceed to the **General settings** tab.
3. If a "Driver update" is listed in the **Software updates** section, click the **Install update** button.
4. Follow the on-screen instructions.



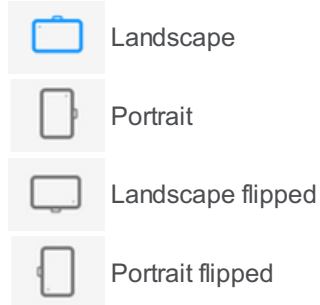
Tip: On Windows 10 and later, you can check whether there is a Wacom driver update available from the Wacom Update Utility. From the Windows Start Menu, go to **Wacom Tablet > Wacom Update Utility**. If a new Wacom driver is available, you can download and install it.

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Change the orientation of the device

Your device is in landscape orientation by default. You can change the orientation setting in Wacom Center using the steps below.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. To the right of your device in the [main content area](#), select one of the following icons:



4. Physically rotate your device so the device is positioned in the same way as the orientation you selected in the previous step.

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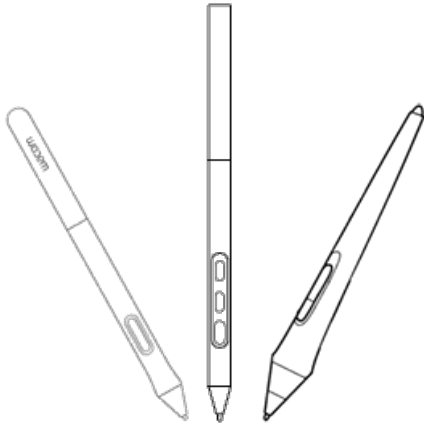
Set up your work area

- Position your device, pen, and keyboard for easy access.
- Position the device so the screen cursor follows the same direction as your pen movements on the device.
- If you are using the device as a creative tool, adjust your monitor so you can view it comfortably without eyestrain, placing it about one arm's length away from you and consider placing the device below the keyboard, centered below your monitor.

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Work with your pen

All Wacom devices include a cordless, battery-free pen that you use to interact with your device. You can hold, write, and draw as you normally would with a pen or pencil.



Pen styles vary depending on the Wacom device that you purchased.

To discover other pens and tools that can be used with your Wacom device, go to the [Wacom Store](#).

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Use your pen

Use your pen to interact with your device. This includes drawing, writing, or moving items, and activating actions that you assign to pen buttons.



Tip: Hold the pen as you would normally hold a pen or pencil. Adjust your grip so that you can press any pen buttons easily with your thumb (recommended) or index finger without accidentally pressing it.



Tip: To make it easier to access tools in applications like Adobe Photoshop, assign modifiers, such as Alt and Ctrl, to your pen buttons so that you do not have to use your keyboard keys.

Topics on this page

- [Pen tip](#)
- [Pen buttons](#)

Pen tip

- **Draw or sign:** Draw or sign with the pen tip directly on the device surface.



Note: Pens are pressure-sensitive, so the harder you press, the thicker your lines and the denser the color.

- **Move the cursor:** Move the pen while holding it slightly above the device without touching the screen surface.
- **Double-click:** Quickly tap the screen twice in the same place with the pen tip.
- **Select an item:** Tap the screen once with the pen tip.
- **Move an item:** Select the item with the pen tip, then slide the pen tip across the screen to move it.

Pen buttons

Use pen buttons to trigger [actions](#). You can change assigned pen button settings in Wacom Center by selecting your device in the [Devices sidebar](#), then selecting your Pen.



Note: Some pens do not have buttons.

If your pen button is assigned to a type of click (right-click, double-click, etc.), you activate the click differently, depending on your Pen Button Mode:

- If your Pen button mode is **Hover Click**, then hold the pen tip slightly above the surface of your device and press the pen button.
- If your Pen button mode is **Click & Tap**, press the pen button and then tap the device surface with your pen tip.

You can find these settings in Wacom Center by selecting your device in the [Devices sidebar](#), selecting your pen,

then clicking **Advanced** in the [main content area](#).

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Store your pen


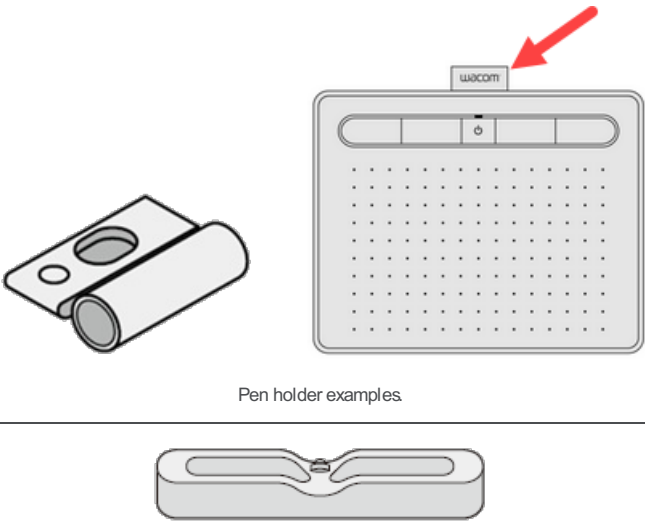
Store your pen properly to keep it in good condition and help the pen tip last longer.

Important: Store your pen so there is no pressure on the pen tip or eraser.



Tip: Do not leave the pen on the device when you are not using the pen. This might cause issues when you are using a mouse and might prevent your computer from going to sleep.

Where to store you pen

<p>If your device included a pen stand, you can store the pen with the tip down in the stand.</p>	 <p>Pen stand examples.</p>
<p>If your device has a pen holder or tray, the pen can be stored there.</p>	 <p>Pen holder examples.</p> <p>Pen tray example.</p>

If your device included a pen case, store the pen in the pen case.



Pen case example.

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Customize your pen settings

Customize your pen by assigning actions to pen buttons, adjusting the pen tip feel and pressure, and selecting how you perform a right-click.

Assign actions to the pen button and pen tip

1. [Open Wacom Center](#).
2. Select the device you use your pen with from the [Devices sidebar](#).
3. Select your pen in the Devices sidebar.
4. Select a pen button, then make a selection from the [Action sidebar](#).
5. For the pen tip, double-click the pen tip in the pen image to open the Action sidebar. Select an action for the pen to perform when you tap the device surface with the pen tip.



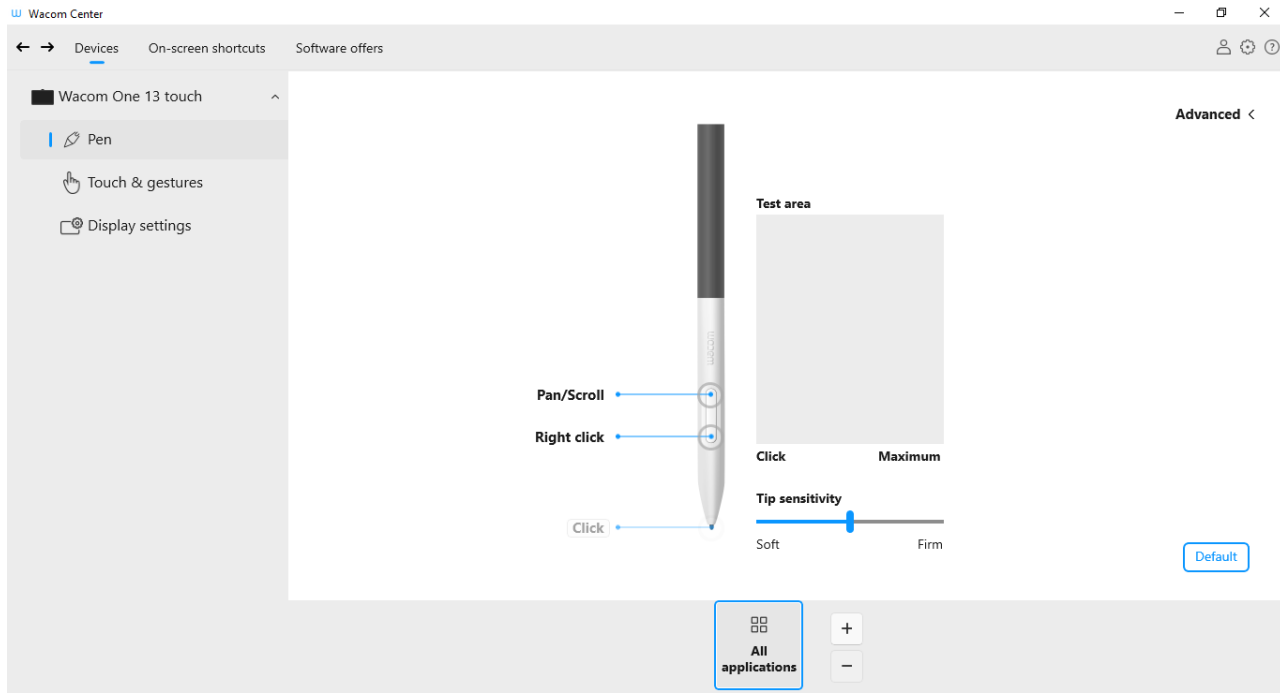
Warning: The tip must be set to **Click** in order to draw for most graphics applications.

6. To see how hard you need to press with the pen, check your current pressure by pressing down with the pen tip in the **Test area**.



Tip: Use the **Tip sensitivity** slider to change the amount of pressure you need to use the pen tip.

7. See [Advanced pen settings](#) for information on changing other pen settings, such as:
 - Tilt sensitivity
 - Double tap distance
 - Pressure
 - Pen button mode
 - Tip-up assist
 - Windows Ink



Move your screen cursor over the features in Wacom Center to learn helpful information.
The above screenshot is for descriptive purposes; it may not match your screen.

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Replace the pen nib



Tip: Replace your pen nib when it is approximately 1 mm (1/25 inch) or has a sharp edge.

Topics on this page

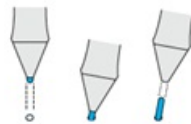
- [Replace the pen nib](#)
- [Where to find the nib remover](#)
- [Where to find replacement nibs](#)

Replace the pen nib

1. If it is included with your device, use the round, metal nib removal tool to remove your pen nib. If the metal nib removal tool is not included, use a built-in nib remover. Also see: [Where to find the nib remover](#).

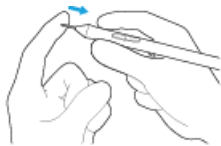


Round, metal nib removal tool



The built-in nib remover, [located in a variety of locations](#).

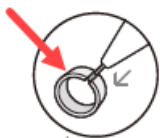
2. Get a [replacement nib](#) and slide the end of the new nib straight into the barrel of the pen.



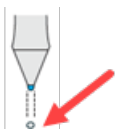
3. Push the nib in slowly and firmly until it stops.

Where to find the nib remover

Many devices come with a round, metal **nib removal tool** included in the box with your Wacom device:

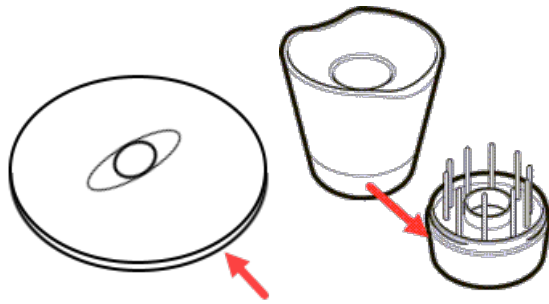


Other devices come with a **built-in nib remover**:



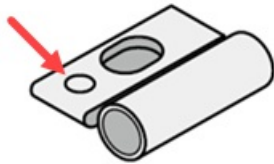
These **built-in nib removers** can be located in a variety of locations:

- On the bottom of a pen stand:



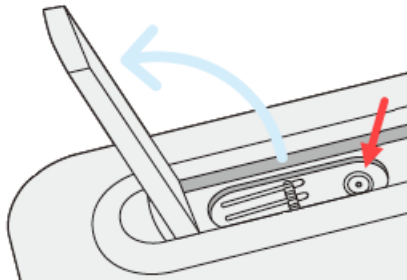
Pen stands vary depending on the Wacom device that you purchased.

- On the removable pen holder attached to the side of your device:



Pen holders vary depending on the Wacom device that you purchased.

- Underneath one of the built-in stand legs:



Built-in stand legs vary depending on the Wacom device that you purchased.

Where to find replacement nibs

The extra nibs are stored in different places for different devices. First, look in the box that your device was packaged in. If you do not see the nibs there, try these places:

- If your device included a pen case, check there.
- If your device has a removable compartment cover on the back, slide it open.
- If your device included a pen stand, unscrew the pen stand.



Tip for the Pro Pen 2 stand: To screw the stand back together, line up the dots on the bottom of the stand and the recess. Then, gently guide the bottom of the stand to the right until you feel it click into place.

- If your device includes a pen holder attachment, check there.
- If your device has built-in stand legs, the replacement nibs may be located underneath one of the legs.

If you need more nibs, you can purchase them from the [Wacom Store](#).

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Use your pen with Windows Ink

Take advantage of a wide variety of features supported by Microsoft Windows. Additional features are supported by Windows 10 & 11 and the Windows Ink Workspace.

- **Handwriting recognition:** Convert your handwritten content to typed text.
- **Digital Ink:** Use the enhanced digital mark-up and inking tools found on the Review tab in applicable applications.
- **Windows Input Panel:** Use handwriting or an on-screen keyboard to directly enter text with your Wacom pen.



Note: The Pen Flicks and press-and-hold-to-right-click features are disabled in some graphics applications.

Windows Ink is ON by default. To turn Windows Ink OFF:

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select your pen.
4. In the [main content area](#), click **Advanced**.
5. Turn **Windows Ink** off.

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Advanced pen settings

You can further customize pen tip pressure settings in Advanced settings. Options within the Advance settings let you independently change the tip pressure sensitivity, click threshold settings, your Pen button mode, and more.



Note: If your pen does not display in the [main content area](#), tap your pen to your device.




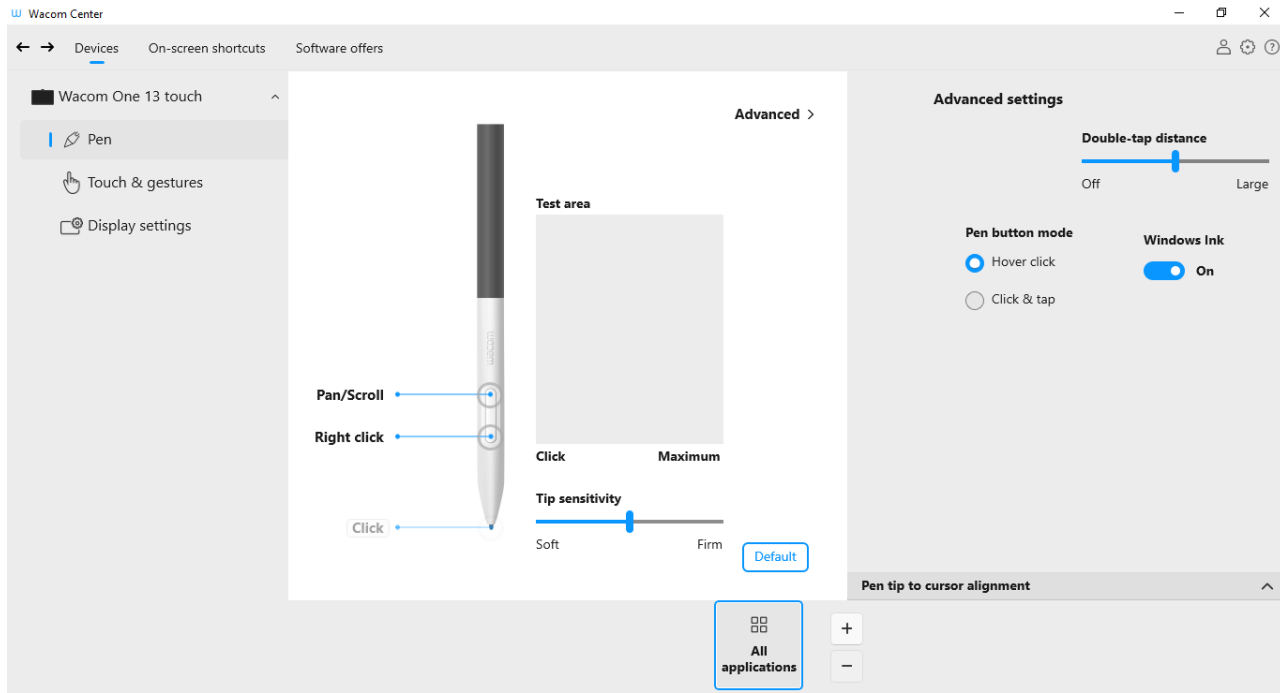
Note: The available features on your pen may vary, depending on your device.

Customize pen advanced settings

1. [Open Wacom Center](#).
2. Select the device you use your pen with in the [Devices sidebar](#), then select your pen.
3. In the [main content area](#), click **Advanced**.
4. In the Advanced settings area, make the changes to your pen settings. Descriptions for each customizable setting are listed in the table below.

<p>Tilt sensitivity</p>	<p>To change how much the tilt of your hand affects your pen strokes, drag the slider. Open an application that supports tilt to test while you are adjusting, so you can see how your changes affect your strokes.</p>
<p>Double-tap distance</p>	<p>To change the distance between your pen and the device surface during a double-click, move the slider.</p> <div data-bbox="277 1104 354 1178" style="float: left; margin-right: 10px;"> </div> <p>Tip: If you notice a delay at the beginning of brush strokes, inking strokes, or drag actions, reduce the Double-tap distance or set a pen button to double-click instead of the pen tip.</p>
<p>Tip sensitivity</p>	<p>The selected pressure sensitivity curve and click threshold settings are displayed. A curve that increases quickly makes the pen feel more sensitive. Move the pressure controls to change the settings:</p> <ul style="list-style-type: none"> • Max pressure: Determines how hard you must press the pen tip to reach maximum pressure. • Sensitivity: Changes the slope of the pressure response curve. • Click threshold: Determines the amount of force required to register pressure or generate a pen click. <p>Using your pen tip, make several strokes within the Test area section to test the results of your changes.</p> <div data-bbox="277 1713 354 1787" style="float: left; margin-right: 10px;"> </div> <p>Tip: If the pen overreacts to slight pressure, try a firmer Tip sensitivity setting.</p> <div data-bbox="277 1860 354 1934" style="float: left; margin-right: 10px;"> </div> <p>Tip: If you want a narrower range of pressure values in a pressure-sensitive</p>

	<p style="background-color: #fff9c4; padding: 5px;">application, select a soft Tip sensitivity.</p> <div style="background-color: #e0ffe0; padding: 10px; margin-top: 10px;">  <p>Note: Pressure and sensitivity settings are adjusted with the Tip Sensitivity slider in the main content area of Wacom Center. Any adjustments you make there will override changes made to the Tip Sensitivity settings in Advanced settings.</p> </div>
<p>Pen button mode</p>	<p>Select how you want to double-click or perform another click function with your pen:</p> <ul style="list-style-type: none"> • Hover click: This is the default Pen button mode setting. Hold the pen tip close to your device and press the pen button to perform a right-click or other click action (double-click, etc.). • Click & tap: If your Pen button mode is Click & Tap, press down the pen button and then touch the device surface with your pen tip to perform a right-click or other click action (double-click, etc.). This option allows for a more precise placement of pen clicks.
<p>Tip-up assist</p>	<p>This feature is turned on by default and helps you accurately place a crosshair or control point with your pen in the exact place that you are targeting, without moving the targeted location 1-2 pixels when you release pressure on the pen tip. To turn off Tip-up Assist, deselect the checkbox.</p>
<p>Windows Ink</p>	<p>This feature is turned on by default and allows you to take advantage of a wide variety of features supported by Microsoft Windows. Additional features are supported by Windows 10 and the Windows Ink Workspace:</p> <ul style="list-style-type: none"> • Handwriting recognition: Convert your handwritten content to typed text. • Digital Ink: Use the enhanced digital mark-up and inking tools found on the Review tab in applicable applications. • Windows Input Panel: Use handwriting or an on-screen keyboard to directly enter text with your Wacom pen.



ⓘ Move your screen cursor over the features in Wacom Center to learn helpful information.
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Customize your Wacom device

You can set a customizable component of your device to perform a specific action. Customizable components can include ExpressKeys, pen buttons, the pen tip, and Touch & gestures. Actions can include mouse clicks, keyboard shortcuts (Ctrl+Z, etc.), navigation (scroll up or down, etc.), and more.



Note: The customizable components and actions available may vary, depending on your device.

Topics on this page

- [Assign an action](#)
- [Set a pen button to zoom in](#)

Assign an action

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).



Note: Any customizations apply to this device only, except for On-screen shortcuts, which apply to all devices.

3. Select a customizable component (pen, ExpressKeys, etc.).
4. In the [main content area](#), click the currently assigned action next to the component you want to customize. The [Action sidebar](#) will open.
5. Select the [action](#) you want to assign.
6. Engage the component that you customized and the action that you assigned is performed.

Set a pen button to zoom in

The following example describes how to customize a pen button to **Zoom in**. Use these instructions as a guide to help you create your own customizations.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select your pen.
4. In the [main content area](#), click the currently assigned action next to the pen button you want to customize.
5. In the [Action sidebar](#), select **Zoom in** under "Navigation".
6. Press the pen button and your application zooms in.



Tip: You can create settings for your pen, ExpressKeys, etc. that apply only in a specific application. See [Application-specific settings](#) for more information.

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What actions can I assign?

You can change the [actions](#) assigned to pen buttons, ExpressKeys, On-screen shortcuts, Touch & gestures, Touch rings, and other [customizable components](#) from [Wacom Center](#). Then, when you use that component, such as pressing a pen button or ExpressKey, the action you assigned is performed.







Note: The customizable components available on your device may vary from those listed above.







Note: The actions available for each customizable component will vary.

Action name	Action performed
4th click or 5th click	Performs a 4th or 5th mouse button click (only applies if your mouse has more than 3 buttons).
Arrow keys	<p>Only applies to Pen gestures. Allows you to move incrementally up, down, left, or right by moving the pen tip while pressing a pen button or ExpressKey. The exact behavior depends on the active application.</p> <div data-bbox="300 947 375 1020" data-label="Image"> </div> <p>Note: Pen gestures are only available on select devices.</p>
Auto Scroll/Zoom	Assign this action to the Touch Ring to zoom in most graphics applications or scroll in most other applications.
Back	Returns you to the previous step, similar to how Back works in browsers.
Click	Performs a mouse button click.
Click Lock	<p>Presses and holds the mouse button.</p> <ul style="list-style-type: none"> Begin the click lock by engaging a customizable component, and then engage it again to release it. For example, if Click Lock is assigned to a pen button, press the pen button once to begin Click Lock and press it again to release the lock. <div data-bbox="300 1501 375 1575" data-label="Image"> </div> <p>Tip: Click Lock is helpful when you are dragging objects and selecting blocks of text.</p>
Default	Resets the customizable component to its default setting.
Disabled	Disables the customizable component so that when you engage the component, such as pressing the pen button, nothing happens.
Display Toggle	Toggles between your devices and monitors, if you are using your device with multiple monitors or devices.

Double Click	<p>Performs a double-click.</p> <p>Tip: For easier double-clicking, assign this action to a customizable component, such as a pen button, instead of tapping twice with the pen tip.</p>
Erase	<p>Sets your strokes with the pen to erase instead of draw.</p> <p>For example, if you assign Erase to your pen button, you can move your pen over an area you want to erase while pressing the pen button.</p>
Forward	<p>Directs you to a step ahead of where you are in your history, similar to how Forward works in browsers.</p>
Grid panels	<p>Displays the Grid panel that you select.</p>
Keyboard modifier	<p>Performs a keyboard modifier (Shift, Alt, etc.), mouse button click (left click, etc.), mouse wheel scroll, or a combination of these options that you select on the Keyboard modifiers window.</p>
Keyboard shortcut	<p>Performs a keystroke (Shift, Alt) or a combination of keystrokes (Ctrl+Z, Ctrl+Y) that you assign on the Keyboard shortcut window.</p>
Keystroke	<p>Performs a keystroke (Shift, Alt) or a combination of keystrokes (Ctrl+Z, Ctrl+Y) that you assign on the Define Keystroke window.</p>
Launchpad	<p>Displays the macOS Launchpad menu, where you can start applications.</p>
Middle Click	<p>Performs a middle mouse button click.</p>
Mode Toggle	<p>Assign this action to a pen button to toggle between Pen mode and Mouse mode.</p> <ul style="list-style-type: none"> • When you first set a pen button to Mode Toggle, the Mouse Mode window appears. Move the sliders to adjust the mouse acceleration and speed. • In Pen mode, you use the pen like a regular pen. The cursor jumps to the point where you place your pen, and you define which portion of your device maps to which portion of your monitors. • In Mouse mode, you use the pen like a mouse. The cursor stays on the point you left it when you pick up your pen, and you interact with your device like you interact with a mousepad.
Modifier	<p>Performs a keyboard modifier (Shift, Alt, etc.), mouse button click (left click, etc.), mouse wheel scroll, or a combination of these options that you select on the Define Modifier window.</p>
On-Screen Keyboard	<p>Toggles the Windows On-Screen Keyboard open and closed.</p>
Open/Run	<p>Opens or runs the application, file, or a script you choose.</p> <ul style="list-style-type: none"> • When you select Open/Run, the Run Application window appears. • Click Browse and select the item. Click OK.
	<p>Allows you to pan or scroll by moving the pen tip up and down or right and left while pressing a pen button or ExpressKey. Your screen cursor will remain in place while you move the pen tip.</p>

<p>Pan/Scroll</p>	 <p>Tip: You can change the Speed, which determines how much you need to move the pen to pan or scroll. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p>
<p>Pan/Scroll (Legacy)</p>	<p>Behaves the same as Pan/Scroll, but your screen cursor will move with the pen tip.</p>  <p>Tip: You can change the Speed, which determines how much you need to move the pen to pan or scroll. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p>
<p>Pan/Zoom</p>	<p>Pans or zooms, depending on whether you are hovering or touching the device surface.</p> <ul style="list-style-type: none"> • To pan, hover above (but do not touch) the device surface, and then press and hold the pen button or ExpressKey while moving your pen. • To zoom, press and hold the pen button or ExpressKey while touching the device surface and move the pen towards the top to zoom out or towards the bottom to zoom in. <ul style="list-style-type: none"> ◦ If you pick up your pen to hover, zooming stops. As long as you continue to hover and hold the button, you can still zoom when you touch the pen tip to the surface again. • If you want to pan again after zooming, release the button and press it again.  <p>Note: If the application does not support Pan/Zoom, the following happens instead:</p> <ul style="list-style-type: none"> • Pressing the pen button or ExpressKey while hovering activates a Ctrl + Right-Click. • Pressing the pen button or ExpressKey while touching the surface activates a mouse wheel scroll.  <p>Tip: You can change the Speed, which determines how much you need to move the pen to pan or zoom. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p>
<p>Precision Mode</p>	<p>Toggles between normal precision and a precision that you choose, from Fine to Ultra Fine.</p> <ul style="list-style-type: none"> • In the Precision Mode window that appears, move the slider to set the precision that you toggle into. • For example, if you assign Precision Mode to a pen button, when you press the pen button, you switch to working in the precision that you selected from the slider. When you press the pen button again, you switch back to working in the normal precision.
<p>Pressure</p>	<p>Locks the pressure at the current level until you release the customizable component.</p>

Hold	For example, if you assign this action to a pen button, you can paint with pressure sensitivity enabled in your application until you reach the brush size you like. Then, press and hold the pen button to lock in that brush size as long as you are pressing and holding the button.
Radial menus	Displays the Radial menu that you select.
Redo	Restores any actions that were previously undone using an undo.
Right Click	Performs a right mouse button click.
Scroll	<p>Scrolls the active application on your computer.</p> <p>Assigned to a Touch Ring: Slide your finger around the ring clockwise to scroll down and counterclockwise to scroll up.</p> <p>Assigned to a pen button or ExpressKey: Press and hold the pen button or ExpressKey while touching the pen tip to the device surface and moving up or down to scroll. If you pick up your pen to hover, scrolling stops. As long as you continue to hover and hold the button, you can still scroll when you touch the pen tip to the surface again.</p> <div style="background-color: #fff9c4; padding: 10px; margin-top: 10px;">  <p>Tip: You can change the Speed to determine how much you need to move the pen to scroll. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p> </div>
Scroll Down	Scrolls your active application down.
Scroll Up	Scrolls your active application up.
Settings	Displays the current settings of your customizable components, including ExpressKeys, the Touch Ring, pen, and touch. Click on an item to adjust its settings.
Show Desktop	Minimizes all open windows so you can view your desktop.
Switch Application	Toggles between the applications that you have open.
Touch On/Off	<p>Toggles touch on and off.</p> <p>This setting is not available on devices that have a built-in touch on/off switch.</p>
Tumble	<p>Tumbles, orbits, or rotates items in 3D applications.</p> <div style="background-color: #e0ffe0; padding: 10px; margin-top: 10px;">  <p>Note: If the application does not support Tumble, pressing the button activates a middle-click instead.</p> </div>
Undo	Reverses your last action.
	Zooms the active application on your computer.

<p>Zoom</p>	<p>Assigned to a Touch Ring: Slide your finger around the ring clockwise to zoom in and counterclockwise to zoom out.</p> <p>Assigned to a pen button or ExpressKey: Press and hold the pen button or ExpressKey while touching the pen tip to the device surface and move toward the top to zoom out or toward the bottom to zoom in. If you pick up your pen to hover, zooming stops. As long as you continue to hover and hold the button, you can still zoom when you touch the pen tip to the surface again.</p> <div data-bbox="300 405 1360 531" style="background-color: #e0ffe0; padding: 5px;">  <p>Note: If the application does not support Zoom, pressing the pen button or ExpressKey activates a mouse wheel scroll instead.</p> </div> <div data-bbox="300 548 1360 703" style="background-color: #fff9c4; padding: 5px;">  <p>Tip: You can change the Speed to determine how much you need to move the pen to zoom. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p> </div>
<p>Zoom In</p>	<p>Zooms your active application in.</p>
<p>Zoom Out</p>	<p>Zooms your active application out.</p>

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Assign keystrokes

You can assign keystrokes to customizable components of your device, like ExpressKeys and pen buttons. As a result, pressing a button on your device performs the specified function instead of pressing the keystroke on your keyboard. You can also assign a combination of keystrokes, so you only have to press one button instead of an entire keystroke combination.

1. [Open Wacom Center](#).
2. In the [Devices sidebar](#), select your device, then select one of your device's customizable components (ExpressKeys, for example).
3. In the [main content area](#), select the button you wish to customize.
4. From the [Action sidebar](#), select **Keyboard** then select **Keystroke...** to open the Keyboard shortcut window.

Keyboard shortcut

Use your pointing device to move between the boxes and click OK to accept or Cancel to exit.

Keys

Add special keys

Select key

Name

The above screenshot is for descriptive purposes; it may not match your screen.

5. Enter a keystroke combination in the **Keys** box (Ctrl+Z, for example).
 - You can enter letters, numbers, function keys (F2, F3, etc.), and modifier keys (Ctrl, Alt, etc.). You can also choose pre-defined combinations from the **Add special keys** drop-down list.
 - Click the **Delete** button to remove only the last keystroke you entered.
 - Click the **Clear** button to remove all the keystrokes you entered so you can start over.
6. Enter a **Name** for your keystroke and click **Apply**.
 - The name appears on On-screen shortcuts and in Settings view, so enter a name that indicates the keystroke you assigned.
 - If you are assigning numbers to a Keypad, it is best practice to name the Keystroke the number that you assigned. For example, if you assign the number 8 to a Keypad button, name the Keystroke **8**.



Note: If no Name is entered, the keystroke keys will display `{Ctrl}z`, for example).



Tip: You can assign different keystroke combinations to the same customizable component for different applications. See [Application-specific settings](#) for more information.



Tip: To learn which keystroke combinations are built-in as shortcuts for a particular application, refer to the documentation for the application.

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Advanced settings for your device

You can further customize various preferences for your device on the Advanced settings screen.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. In the [main content area](#), click **Advanced**.
4. Edit your Advanced settings. See the table below for setting descriptions.

Important: The available options listed below will vary, depending on your device.

Show Express view	Allows you to rest your finger on an ExpressKey to show the current ExpressKey settings.
Disable all ExpressKeys	Click this button to disable all ExpressKeys™ for all currently connected devices.
Assigned display	If you are working with multiple displays, select the display corresponding to your pen display from the drop-down menu to assure that your pen is mapping to your pen display.
Run setup wizard	The Setup wizard will run automatically when you first connect your device to Wacom Center. Click this button to view helpful features about the selected device, as well as register your device.
Diagnostics	Click Diagnostics to display dynamic information about the pen display, your tool(s), and information for touch-sensitive devices. Use the information shown in the dialog to test your device and tools.
Pen tip to cursor alignment	If you are using a Wacom pen display, by default, your cursor will display directly under the pen tip. This feature allows you to display the cursor slightly away from your pen tip.

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Wacom Center

Wacom Center provides you with an easy, intuitive way to access your Wacom device and settings. [Open Wacom Center](#) to:

- Customize the settings for your pen, ExpressKeys, Touch & gestures, and more.
- Create On-screen shortcuts (formerly On-Screen Controls).
- Update the Wacom driver and device firmware.
- Access User Help, Wacom Support, and Important Product Information.
- Create and edit your Wacom ID, register your device, and redeem software offers.



Note: The appearance of Wacom Center can vary, depending on the attached device(s) and configuration.

Topics on this page

- [The Wacom Center main screen](#)
- [Get to know Wacom Center](#)

The Wacom Center main screen

For devices that you can customize directly in Wacom Center, your main screen will look similar to the image below.



For devices that you can customize in Wacom Tablet Properties, Wacom Center provides settings links (Pen settings, ExpressKey settings, etc.) for easy access to Wacom Tablet Properties. The Wacom Center main screen for these devices will look similar to the image below.



The above screenshot is for descriptive purposes; it may not match your screen.

Get to know Wacom Center

To learn about the features available in the various sections of Wacom Center, click on one of the following links, or on a highlighted section of the screen shot below.

- [Navigation bar](#) (green highlight)
- [Devices sidebar](#) (blue highlight)
- [Main content area](#) (yellow highlight)
- [Quick help bar](#) (purple highlight)
- [Action sidebar](#) (not pictured)







The above screenshot is for illustrative purposes; it may not match your screen.

Navigation bar

The navigation bar is located at the top of Wacom Center and contains the features described in the table below.



The above screenshot is for illustrative purposes, it may not match your screen.

<p>Forward & Back buttons</p>	<p>The Forward → and Back ← buttons move you forward one page or return you to the previous page within Wacom Center.</p>
<p>Devices</p>	<p>Select Devices in the navigation bar to display a list of your connected devices in the Devices sidebar.</p>
<p>On-screen shortcuts</p>	<p>Select On-screen shortcuts in the navigation bar to create and/or edit Radial menus, Grid panels, and – on some devices – Pen gestures.</p> <div style="background-color: #e0ffe0; padding: 5px; margin-top: 10px;">  <p>Note: "On-Screen Controls" are now On-screen shortcuts.</p> </div>
<p>Bonus Pack</p>	<p>Log in with your Wacom ID and register your device to view, download, and redeem any available software offers.</p>
<p>Profile settings</p>	<p>Click the Profile  icon to create (or log into) your Wacom ID and register your device. Registering your device gives you access to any available software offers and other Wacom promotions.</p>
<p>Global settings</p>	<p>Click the Global settings  icon to access the following tabs:</p> <ul style="list-style-type: none"> • General settings: Update your Wacom driver and device firmware, turn on/off the Quick help bar, set whether Wacom Center automatically starts when you turn on your computer, or run troubleshooting options. • Device manager: This tab displays all of your connected devices and pens. From this tab you can register any device that is not currently registered. Click the Edit link to give your device or pen a custom name, or reset all of your settings to the factory defaults. • Backup & restore: Create backup files and restore your device settings.
<p>Help & support</p>	<p>Click the Help & support  icon to access links to User Help, tutorials, Important Product Information, customer support, and Wacom's social media sites. You can also perform a Wacom driver check, report a bug, and find your Wacom Center version number.</p>

Devices sidebar

The Devices sidebar is located on the left side of Wacom Center and lists each device that is currently connected to

your computer. To add a new device to this list, connect the device to your computer.

For some devices, you can click the drop-down arrow next to the device name in the Devices sidebar to open the device's customizable components (Pen, ExpressKeys, Touch & gestures, etc.). Click on a component to customize it in the [main content area](#).



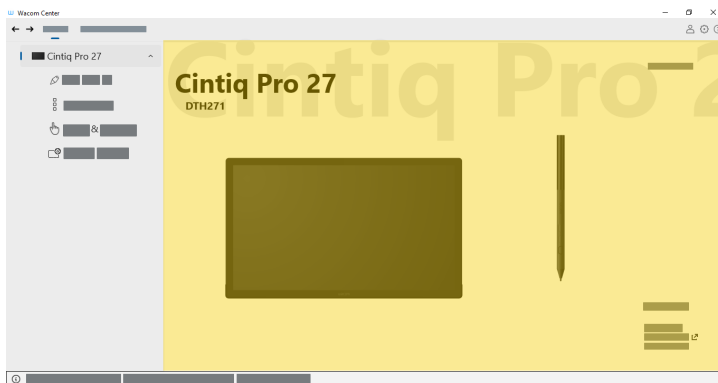
The above screenshot is for illustrative purposes; it may not match your screen.

For other devices, when you select your device in the Devices sidebar, settings links (Pen settings, ExpressKey settings, etc.) will display in the [main content area](#). Click on a settings link to open it for customizing in Wacom Tablet Properties.

Main content area

The main content area is located in the center of Wacom Center and is where you can either customize your device settings (A) or access your device settings (B).

- A. Customize your device in the main content area when you select a customizable component (Pen, ExpressKeys, etc.) in the [Devices sidebar](#). The component and the Application-specific settings feature will open in the main content area, where you can make all your customizations:

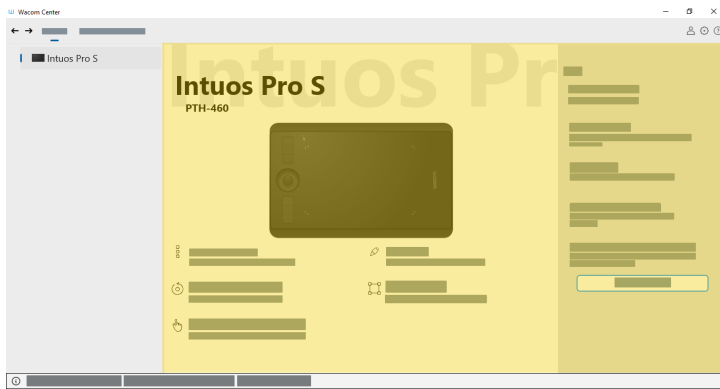


The above screenshot is for illustrative purposes; it may not match your screen.




Tip: Video tutorials that may display at the bottom of the main content area can help you learn more about your Wacom device.

- B. Access your device's settings links (Pen settings, ExpressKey settings, etc.) and Help resources in the main content area when you select a device name in the [Devices sidebar](#). Click a settings link to open Wacom Tablet Properties, where you can make all your customizations.



The above screenshot is for illustrative purposes, it may not match your screen.

Quick help bar

The Quick help bar  is located at the bottom of Wacom Center. When you hover over a feature, text displays in the Quick help bar describing that feature.



The above screenshot is for illustrative purposes, it may not match your screen.



Note: On macOS, the Quick help bar content will display as a Tooltip next to the feature you hover over.

Action sidebar

The Action sidebar opens when you click on a customizable component (On-screen shortcut key, pen button, ExpressKey, etc.). The Action sidebar is organized so that Recommended actions are displayed at the top. The Recommended actions list changes, based on your product and the feature you are customizing.

Click a drop-down arrow next to a category name (Clicks, Keyboard, etc.) to open the actions available within that category. Select an action from the list to assign it to a customizable feature. Press the **Esc** key or click in a blank area of Wacom Center to close the Action sidebar.



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Open Wacom Center

In [Wacom Center](#), you can access your device and tool settings (Pen, ExpressKeys, etc.). How you open Wacom Center depends on your computer operating system.

- **Windows:** From your applications list, select **Wacom Tablet > Wacom Center**.
- **Mac:** From the Applications folder, open the **Wacom Tablet** folder then double-click the **Wacom Center** icon. Or, open Wacom Center from **Launchpad**.



Note: Wacom Center is not supported on Windows 7, 8, or 8.1.

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Access and customize your device

Selecting **Devices** in Wacom Center's [navigation bar](#) will display the supported Wacom device(s) connected to your computer in the [Devices sidebar](#). Selecting a device name in the Devices sidebar allows you to access helpful information about your device. It is also the first step in the process of customizing your device.

Topics on this page

- [Access information about your device](#)
- [Customize your device settings](#)
- [View your device's serial number](#)
- [Run the setup wizard](#)

Access information about your device

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Click the Help & support  icon in the [navigation bar](#) to access:
 - **User Help:** Opens the online User Help for your device.
 - **Tutorials:** Opens Wacom's YouTube channel in your browser. Provides access to getting started videos and other helpful videos on a variety of features.
 - **Important Product Information:** Online product information for your device, including Product Specifications as well as License and Warranties.
 - **Support or Contact:** Opens Wacom's Customer support page.
 - **Send feedback:** Allows you to send feedback to Wacom about this application, including bug reports.
 - **Driver check:** Click this button if you notice unusual behavior with your device and want to check for any driver errors.
 - **About:** Click this button to view the driver version you are currently using. You can also link to Wacom's Tablet Driver Privacy Notice.
 - **Social media links:** (differ by region) Wacom's social media or blog sites.

Customize your device settings

1. [Open Wacom Center](#).
2. Click the down arrow next to your device in the [Devices sidebar](#) to open its settings (Pen, ExpressKeys, etc.).
3. Click on a setting name to open it in the [main content area](#).
4. The settings you can modify in the main content area can include:



Note: The features available to customize will depend on your device.

- **Pen:** Customize how your pen operates, including pen button click behavior, tip feel, and tilt sensitivity (depending on your pen).
- **ExpressKeys:** If your Wacom device has ExpressKeys, you can customize the button functions.
- **Touch & gestures:** If your Wacom device has touch, you can customize touch gestures and other touch functionality.
- **Display toggle:** Customize how your cursor moves between your Wacom device and multiple screens.

- **Display settings:** Customize color and other settings for your pen display.

Important: Your Wacom device's display settings are optimized out of the box. Customizing display settings is an advanced feature.

5. Click the currently assigned action next to any customizable component (pen button, ExpressKey, etc.), then select the [action that you want to assign](#) from the [Action sidebar](#).

Viewing the device's serial number

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Click **Advanced** in the [main content area](#).
4. At the bottom of the Advanced settings screen, click **Diagnostics**.
5. Your device's serial number will be listed in the **Tablet S/N** field.

Run the setup wizard

The Setup Wizard runs automatically when you first install your device. You can run it at any time from Wacom Center to view helpful features about the selected device, as well as register your device.



Note: Not all devices have a Setup Wizard.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Click **Advanced** in the [main content area](#).
4. Click the **Run setup wizard** button (if available) and follow the prompts.

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Store and retrieve your settings

The **Backup & restore** tab in Wacom Center allows you to backup and restore your device settings. You can also reset all device settings to their factory defaults.

Topics on this page

- [Back up your settings](#)
- [Restore your settings](#)
- [Reset all settings for all devices](#)

Back up your settings

1. [Open Wacom Center](#)
2. Click the Global settings  icon.
3. Select the **Backup & restore** tab.
4. Click the **New backup** button to proceed to the New backup window.
5. Enter a **Name** for your backup, then click the **Save** button.




Tip: To edit the backup file name, click the pen icon. To delete a backup file, click the trash icon.

Restore your settings

A list of your saved backup files displays on the **Backup & restore** screen. The backup files are sorted by their creation date.




Tip: If you don't see your backup file in the list, click the **Import backup** button to find it.

1. [Open Wacom Center](#)
2. Click the Global settings  icon.
3. Select the **Backup & restore** tab.
4. In the Actions column, click **Restore** next to the backup file you wish to restore.
5. The settings from the backup file will be applied to all devices.

Reset all settings for all devices

Important: When you reset all settings, **all** devices will have their settings returned to the factory defaults (whether the devices are currently connected to your computer or not).

1. [Open Wacom Center](#)
2. Click the Global settings  icon.

3. On the General settings tab, click the **Reset all settings** button.
4. All settings for all devices will be returned to their factory defaults.

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Register your device and redeem software

Use the steps below to create a new – or sign into an existing – Wacom ID account. With your Wacom ID account you can register your device, as well as gain access to software offers.


Topics on this page

- [Sign in, sign up for, or edit your Wacom ID](#)
- [Register your Wacom device](#)
- [Redeem software offers](#)

Sign in, sign up, or edit your Wacom ID

1. [Open Wacom Center](#).
2. Click the Profile  icon.
3. If you already have a Wacom ID, sign into your account. If you do not have a Wacom ID, click the **Sign up** link and create your profile.
4. To edit your Wacom ID profile, sign into your account and select **Edit Profile**.

Register your Wacom device

1. [Open Wacom Center](#).
2. Click the Global settings  icon.
3. Select the **Devices manager** tab.
4. Click the **Register** button next to any device that is not already registered. Follow the instructions that display.



Note: On select devices, a QR code can also be used to register the device. If a QR code is present, it will be located on the back of your Wacom device.

Redeem software offers

Once you have created a Wacom ID and registered your device, you can access any software offers that may be available for your Wacom device.

1. [Open Wacom Center](#).
2. In the navigation bar, select **Bonus Pack**.
3. Click the **More Info** button next to an offer to learn more.
4. Click **Download** or **Redeem**, depending on the offer.

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Keep everything up to date

Wacom occasionally releases Wacom driver and device firmware updates for your Wacom supported device(s).



Tip: A notification symbol will display next to the Global settings icon in the Wacom Center [navigation bar](#) to alert you when new updates are available.

Updating your device

1. [Open Wacom Center](#).
2. Click the Global settings  icon to proceed to the General settings tab.
3. In the Software updates section, click the **Install update** button next to the Wacom driver or device firmware update.
4. An installation wizard will guide you through the update process.

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Solve common problems and get help


In Wacom Center you can check driver functions, view diagnostic data, enable driver logging to assist Wacom Support with troubleshooting, and access the Wacom Support site.

Topics on this page

- [Check the driver](#)
- [Run diagnostics for your device](#)
- [Turn on driver logging](#)
- [Access Wacom Support](#)

Check the driver

Checking the driver checks the driver functions and conducts simple troubleshooting, allowing you to restart the driver, reset your device to its default settings, or contact Wacom Support.

1. [Open Wacom Center](#)
2. Click the Global settings  icon in the [navigation bar](#).
3. Scroll down to **Troubleshooting options** and click **Driver check**.
4. After the driver check is complete, you can restart the driver, reset the driver settings, contact [Wacom Support](#), or click **Done**.


Run diagnostics

Running diagnostics provides an overview of the status of your driver, device, touch (if applicable), and pen.

1. [Open Wacom Center](#)
2. Select your device in the [Devices sidebar](#).
3. In the [main content area](#), click **Advanced**.
4. Click the down-arrow next to **Diagnostics** in the Advanced settings sidebar.
5. Refer to the topics under **Wacom Support** in this User Help's Table of Contents for more detailed information on how to diagnose common problems using the Diagnostic data.


Turn on driver logging

Driver logging is turned off by default. Enabling driver logging can assist Wacom Support when diagnosing issues. This creates anonymous driver log files. To turn on driver logging:

1. [Open Wacom Center](#)
2. Click the Global settings  icon.
3. In the **Troubleshooting** section, switch the Driver logging button to "On".
4. You can optionally select **Package log files** if you need the files compressed to send to Wacom.
5. After you have the information Wacom Support requires for debugging, switch the **Driver logging** button back to "Off".

Access Wacom Support

Access Wacom Support to view FAQs, online tutorials, and contact Wacom Support.

1. [Open Wacom Center](#)
2. Click the Help  icon.
3. Click **Support**.
4. You will proceed to the [Wacom Support](#) page in your browser.

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Open Wacom Tablet Properties

For devices supported by Wacom Tablet Properties, you can use the application to customize your device and tool settings (pen, ExpressKeys, etc.).

How you open Wacom Tablet Properties depends on your computer operating system:

- **Windows:** From your application list, select **Wacom Tablet > Wacom Tablet Properties**.
- **Mac:** From **System Preferences**, click on the **Wacom Tablet** icon.



Tip: On Windows 10, Windows 11, and macOS, you can open Wacom Tablet Properties by opening [Wacom Center](#), selecting your device in the [Devices sidebar](#), then selecting a settings link (Pen settings, ExpressKey settings, etc.).

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On-screen shortcuts

On-screen shortcuts are Wacom's newest version of On-Screen Controls and include **Grid panels**, **Radial menus**, and **Pen gestures**. The instructions below describe how to setup and use Grid panels and Radial menus, and how to use Pen gestures.

Topics on this page

- [Setup and use Grid panels and Radial menus](#)
- [Use Pen gestures](#)

Setup and use Grid panels and Radial menus

[Grid panels](#) and [Radial menus](#) are palettes that display on your pen display's screen or — for pen tablets — on your computer's display. You can assign frequently used [actions](#) to the Grid panel or Radial menu keys, then use your pen or touch (if supported) to select a key and activate its assigned action.

1. [Create your On-screen shortcut](#).
2. [Customize the Grid panel or Radial menu keys](#).
3. [Assign the Grid panel or Radial menu](#) to a customizable component (a pen button, for example).
4. Launch the Grid panel or Radial menu by pressing the customizable component you assigned in the previous step.
5. Click a Grid panel or Radial menu key to activate its assigned action.

Use Pen gestures

[Pen gestures](#) allow you to pan, scroll, zoom, etc. by pressing and holding a pen button or ExpressKey and moving the pen vertically or horizontally across your device.



Note: Pen gestures are only available on select devices.

1. [Assign a Pen gesture](#) to a pen button or an ExpressKey.
2. Hold down the pen button or ExpressKey while moving the pen tip vertically or horizontally on your device to activate the Pen gesture action (pan, scroll, zoom, etc.).

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Create On-screen shortcuts

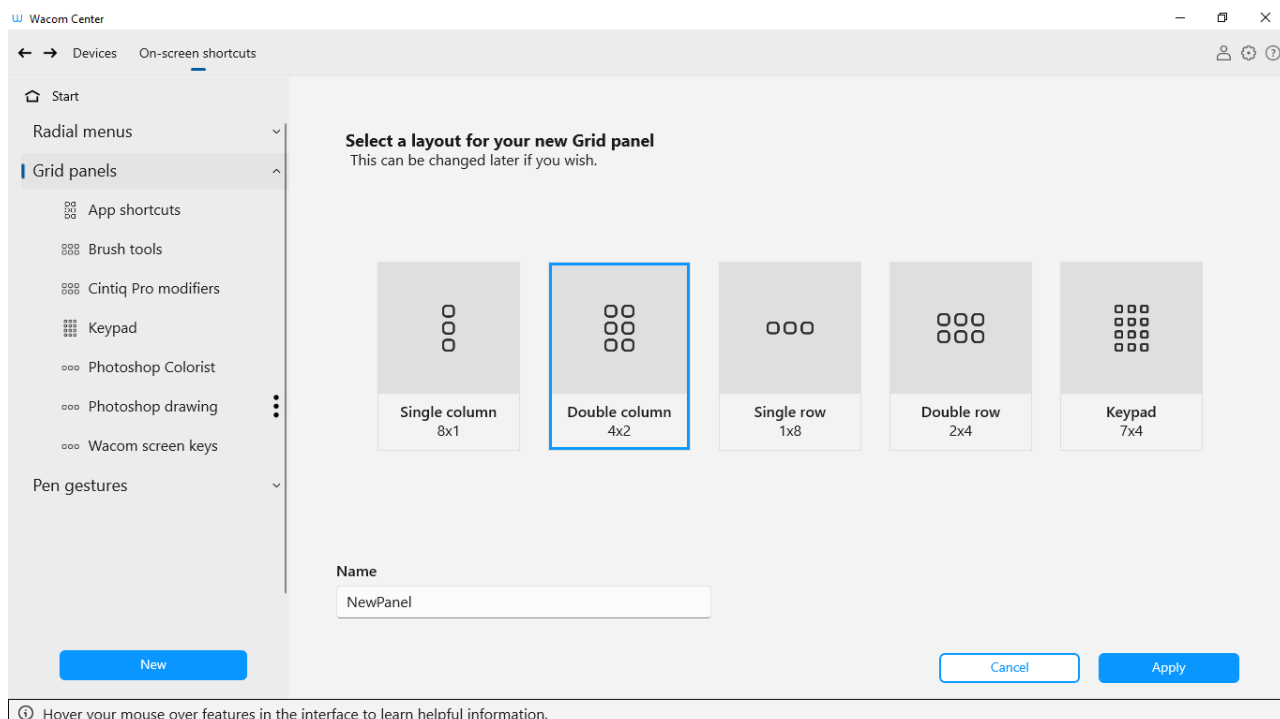
The following instructions describe how to create a Grid panel or Radial menu.



Note: Pre-configured Pen gestures come installed in Wacom Center on select devices and do not need to be created.

Create a Grid panel or Radial menu

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** in the [navigation bar](#).
3. In the On-screen shortcuts sidebar, click the **New** button.
4. Select **New Radial menu** or **New Grid panel**.
5. Select a **Layout** and enter a **Name**.
6. Click the **Apply** button to create your new Radial menu or Grid panel. You will proceed to the On-screen shortcut definition page, where you can [Customize your On-screen shortcuts](#).



Hover your mouse over features in the interface to learn helpful information.

The above screenshot is for descriptive purposes; it may not match your screen.

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Customize On-screen shortcuts

The following instructions describe how to customize a Grid panel or Radial menu.



Note: Pre-configured Pen gestures come installed in Wacom Center on select devices and do not require customization.

1. [Open Wacom Center](#).
2. In the [navigation bar](#), click **On-screen shortcuts**.
3. In the On-screen shortcuts sidebar, select the name of the **Grid panel** or **Radial menu** you wish to customize.
4. Click on the Grid panel or Radial menu key and select the action that you wish to assign from the [Action sidebar](#). Repeat for each key.



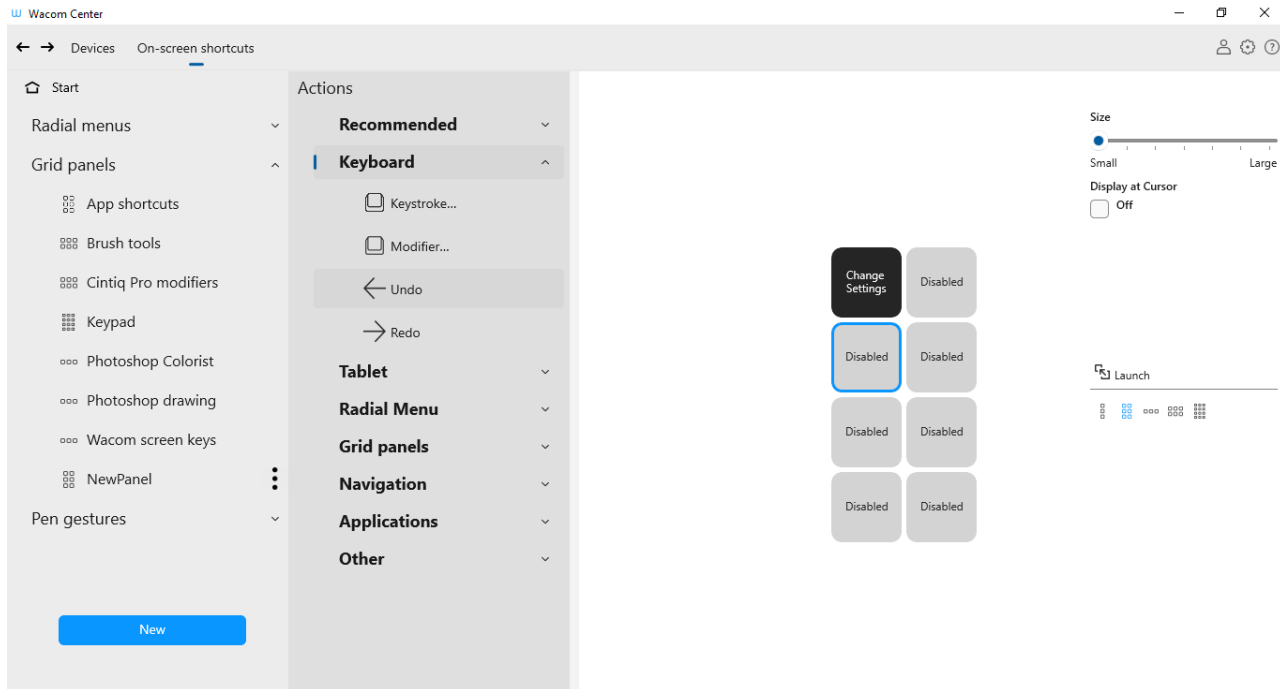
Note: You must assign an action to at least one key. For key(s) that you do not want to use, select **Disabled**.



Note: You can optionally select the **Repeat** box if you want the setting to repeat when you click and hold the Radial menu or Grid panel key.

5. If you select **Keyboard shortcut**, you are prompted to add a **Keys combination** (Ctrl+Z, for example) or **Add special keys** (pre-configured key combinations such as Alt+Tab). Enter a **Name** for the keyboard shortcut and click **Apply**.
6. You can optionally change the following settings:
 - **Size:** Move the slider to change the size of the On-screen shortcut when it appears on your screen.
 - **Display at Cursor:** Leave the box unchecked if you want the On-screen shortcut to appear in the same location every time you open it. Select the box if you want the On-screen shortcut to appear next to your cursor when you open it.
7. [Assign your On-screen shortcut](#) to a customizable component, such as a pen button or ExpressKey.

Important: Assigning a Grid panel, Radial menu, or Pen gesture to a customizable component (pen button, ExpressKey, etc.) is required for the On-screen shortcut to work as expected.



Hover your mouse over features in the interface to learn helpful information.
 The above screenshot is for descriptive purposes; it may not match your screen.

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Assign On-screen shortcuts

The steps below provide instructions on how to assign a Radial menu, Grid panel, or Pen gesture to a pen button. See notes under each set of instructions for other customizable components (ExpressKeys, etc.) to which you can assign On-screen shortcuts.

Important: Assigning a Grid panel, Radial menu, or Pen gesture to a customizable component (pen button, ExpressKey, etc.) is required for the On-screen shortcut to work as expected.

Important: Radial menus and Grid panels can be assigned to any device that displays in Wacom Center. Pen gestures can only be assigned to select devices.

Topics on this page

- [Assign a Radial menu or Grid panel to a pen button](#)
- [Assign a Pen gesture to a pen button](#)

Assign a Radial menu or Grid panel to a pen button




Note: The following steps provide an example. Radial menus and Grid panels can also be assigned to ExpressKeys or touch gestures, depending on your device's available features.

1. [Open Wacom Center](#)
2. Select your device in the [Devices sidebar](#).
3. Follow the instructions labeled **A** or **B**, depending on what displays in Wacom Center:
 - A. If the **name of your pen** displays in the Devices sidebar:
 - i. Select the pen name.
 - ii. Click the currently assigned action next to any pen button.
 - iii. In the [Action sidebar](#), open the **Radial menu** or **Grid panel** category, then select the name of the Radial menu or Grid panel you wish to assign.
 - B. If "**Pen settings**" displays in the [main content area](#):
 - i. Click **Pen settings**. You will proceed to **Wacom Tablet Properties**.
 - ii. Click the drop-down arrow next to any pen button.
 - iii. Select **On-screen shortcuts**, then select the name of the Radial menu or Grid panel you wish to assign.



Tip: Launch the On-screen shortcut by pressing the pen button that you just assigned. The Radial menu or Grid panel will display on your pen display screen or on your computer's display, where you can click a key to activate its assigned action.



Tip: After launching a Grid panel or Radial menu, you can select the push pin  icon to keep the Radial menu or Grid panel open at all times.

Assign a Pen gesture to a pen button



Note: The following steps provide an example. Pen gestures can also be assigned to ExpressKeys, depending on your device's available features.

1. [Open Wacom Center](#)
2. Select the device you use your pen with in the [Devices sidebar](#), then select your pen.
3. Click the currently assigned action next to a pen button.
4. In the Actions sidebar, open the **Pen gestures** category, then select the gesture name you wish to assign to the pen button (Pan/Scroll, Zoom, etc.).



Tip: To use the Pen gesture, press the pen button while moving your pen tip vertically or horizontally on your device to perform the assigned gesture.

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Edit On-screen shortcuts

Use these steps to copy, rename, edit, or delete Radial menus or Grid panels.




Note: Pen gestures cannot be copied, renamed, edited, or deleted.


Topics on this page

- [Copy a Radial menu or Grid panel](#)
- [Rename a Radial menu or Grid panel](#)
- [Edit a Radial menu or Grid panel](#)
- [Delete a Radial menu or Grid panel](#)
- [Change a Grid panel layout](#)

Copy a Radial menu or Grid panel

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the [navigation bar](#).
3. In the On-screen shortcuts sidebar, hover over the shortcut name you want to copy and click the more options  icon.
4. Select **Duplicate**. The duplicated Radial menu or Grid panel will display in the sidebar with a new name (Wacom Screen Keys.1, for example).

Rename a Radial menu or Grid panel

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the [navigation bar](#).
3. In the On-screen shortcuts sidebar, hover over the shortcut name you want to rename and click the more options  icon.
4. Select **Rename**.
5. Edit the name in the pop-up window and click **OK**.

Edit a Radial menu or Grid panel

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the [navigation bar](#).
3. In the sidebar, select an existing On-screen shortcut.
4. In the main content area, make your edits. The changes are saved immediately.

Delete a Radial menu or Grid panel

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the [navigation bar](#).
3. In the On-screen shortcut sidebar, hover over the shortcut name you want to delete and click the more options



icon.

4. Select **Delete**.

Change a Grid panel layout

Layout changes are only available for switching one Grid panel layout to another Grid panel layout (for example: switching from Keypad to Double column 4x2).

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the [navigation bar](#).
3. In the On-screen shortcuts sidebar, select the Grid panel you want to change.
4. In the [main content area](#), select a new layout for the Grid panel and click **OK**.



Tip: If you switch from a larger to a smaller Grid panel (28 to 8 keys, for example), the first eight settings will transfer to the smaller Grid panel. If you switch back, all your original settings will still be present.

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On-screen shortcut layouts

Sample layouts for Grid panels, a Radial menu, and Pen gestures are pictured below.

Topics on this page

- [Grid panel layouts](#)
- [Radial menu layout](#)
- [Pen gesture layouts](#)

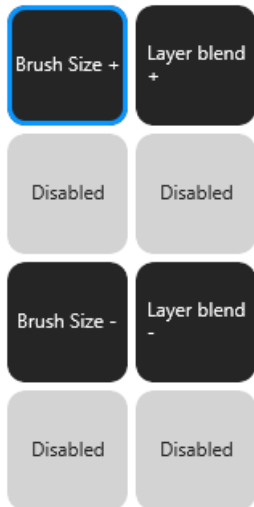
Grid panel layouts

Three Grid panel examples are pictured below.

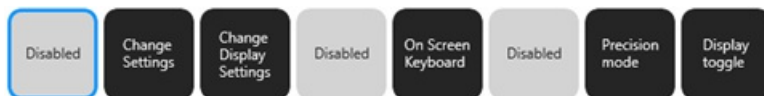


Note: You can change the layout of one Grid panel to another Grid panel. See [Change a Grid panel layout](#) for more information.

Double column (4x2) Grid panel:



Single row (1x8) Grid panel:



Keypad (7x4) Grid panel (similar to the keyboard keypad that displays on your computer monitor):



Radial menu layout

The 8-key Radial menu is pictured below.



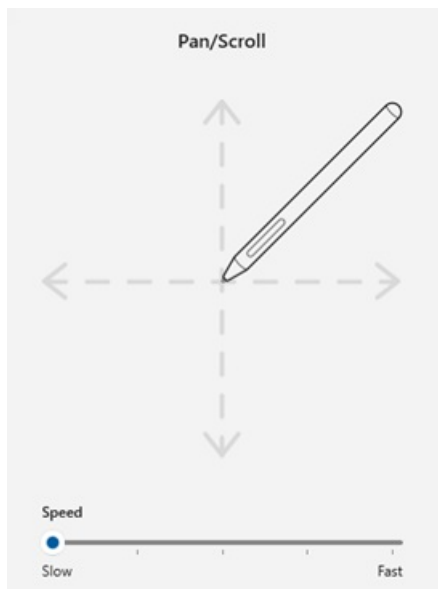
Pen gesture layouts

Two Pen gesture examples are pictured below.

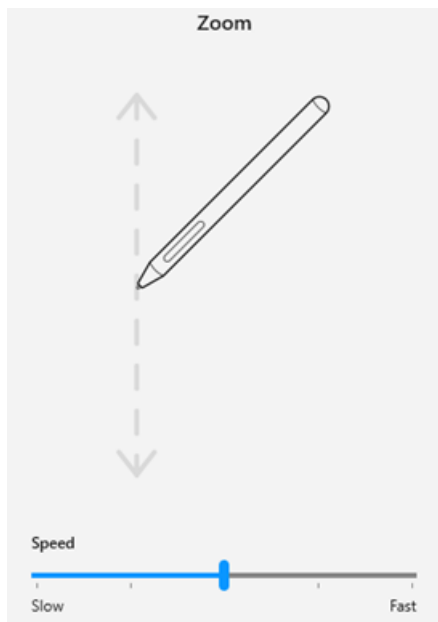


Note: Pre-configured Pen gestures come installed in Wacom Center on select devices.

Pan/Scroll Pen gesture:



Zoom Pen gesture:



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Application-specific settings

Settings assigned to customizable components (ExpressKeys, pen buttons, etc.) can be further customized for a specific application. This makes performing functions in the application faster and easier.



Tip: Customizable components that you can create application-specific settings for include ExpressKeys, pen buttons, the pen tip, Touch rings, Rocker rings, On-screen shortcuts, Touch & gestures, and Touch strips, depending on your device.

The Application list at the bottom of Wacom Center's [main content area](#) allows you to add individual applications, and then tailor your customizable component settings for that application. For example, if you select an application icon and change the pen's settings, the changes will apply to the pen only while you are using that application.

Application-specific settings can be used with all Wacom devices, and with the ExpressKey Remote device.




Note: When Application-specific settings are added, the **All** icon changes to **All other applications** and an application icon is displayed for the newly added application(s).

Topics on this page

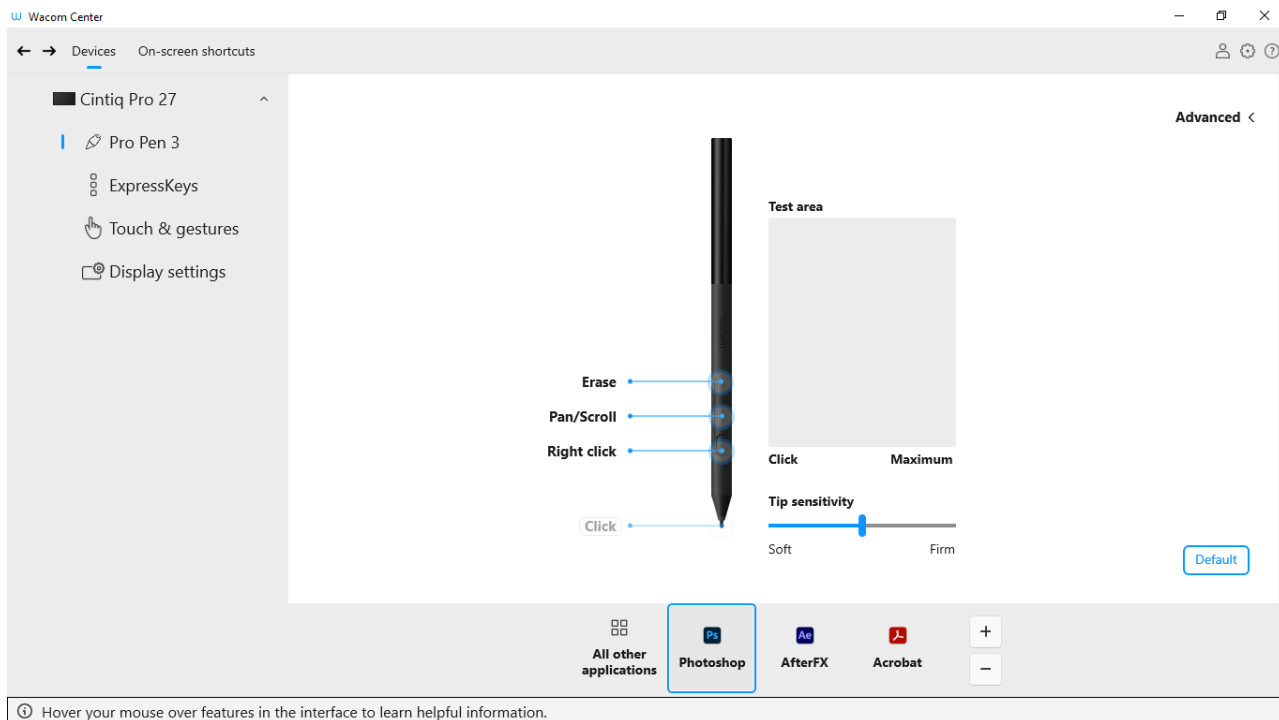
- [Create an Application-specific setting](#)
- [Remove an Application-specific setting](#)
- [Remove all Application-specific settings from a pen](#)

Create an Application-specific setting

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select a customizable component (a pen button, for example) for which you wish to create Application-specific settings.
4. At the bottom of the [main content area](#), click the add application  button.
5. In the **Select an application** window, select an application and click **OK**. If you don't see your application, click the **Browse** button to select the executable file of any application installed on your computer.
6. With the newly added application icon selected in the application list, create your Application-specific settings for the customizable component selected in step **3**.




Note: After adding an application, its icon will display in the Application list whenever the customizable component is selected in the [Devices sidebar](#).




ⓘ Hover your mouse over features in the interface to learn helpful information.
The above screenshot is for descriptive purposes; it may not match your screen.

Remove an Application-specific setting

1. [Open Wacom Center](#).
2. In the [Devices sidebar](#), select the device and then the tool from which you wish to remove the application-specific setting.
3. Select the application you want to remove from the list of applications at the bottom of the [main content area](#).
4. Click the remove application  button.
5. Click **Delete** to confirm your selection. The selected application is removed from the list, along with any custom tool settings.

Remove all Application-specific settings from a pen

1. [Open Wacom Center](#).
2. In the [navigation bar](#), click the Global settings  icon.
3. Select the **Devices manager** tab, then click **Edit** next to the pen for which you wish to remove Application-specific settings.
4. On the **Edit your pen** screen, click the **Forget pen** button.
5. Place the pen back on your Wacom device. The pen will be added back to the [Devices sidebar](#) with its factory default settings.



Note: If two programs have the same executable file name, they will share the same customized settings.

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Connect wirelessly by Bluetooth

You can work wirelessly by pairing your device to a computer by Bluetooth. Your device is battery-powered when you are connected by Bluetooth. Click the Bluetooth icon in [Wacom Center](#) for connection instructions specific to your operating system.

Topics on this page

- [Connect wirelessly by Bluetooth](#)
- [Tips for improving Bluetooth connectivity](#)
- [Connect wirelessly to a second computer](#)
- [What the LED means](#)

Connect wirelessly by Bluetooth

1. Make sure your Wacom device is charged.
2. If your device is connected to your computer by a USB cable, disconnect the cable.
3. Press and hold the **Power / Bluetooth** button on your device until the blue LED starts to blink slowly, which indicates the device is discoverable by Bluetooth.
4. Open your computer's Bluetooth settings and select your Wacom device from the list.
5. Click **Pair** or complete the pairing process per your operating system's instructions



Note: The blue LED will stop blinking when your device is connected.

6. Close the Bluetooth menu on your computer.




Tip: After you pair your computer to your device, you can switch between a Bluetooth and USB connection by plugging and unplugging the USB cable. Plugging in the USB cable will also charge your Wacom device.



Tip: If your device was previously connected to a computer which is now off or out of range, the blue LED above the power button will blink quickly.

Tips for improving Bluetooth connectivity

- Check to see if your computer has a built-in Bluetooth antenna. If not, purchase and install a Bluetooth adapter.
- Confirm that you are using the latest Wacom driver and device firmware. Click the Global settings  icon in [Wacom Center](#), then select **General settings** to view any available "Software updates".
- Update your operating system to the latest version.
- Move your device closer to your computer, and make sure that the space between the computer and the device is clear.
- Unpair other Bluetooth devices, especially any that transfer a large amount of data, such as headphones, speakers, or storage devices.

Connect wirelessly to a second computer

1. If the first computer is on and within range of the device:
 1. Unpair your device from your first computer in the computer's Bluetooth menu.
 2. The LED on the device will turn off to indicate the connection has been lost.
2. Confirm the [driver is installed](#) on your second computer.
3. Repeat the [connection steps](#) at the top of this page with your second computer.

What the LED means

Information is conveyed by the status and color of the LED:

LED Color	Meaning
Off	If connected to a wall adapter by USB cable this indicates the battery is fully charged. Otherwise, it means the device is off.
White	Connected to computer by USB cable, battery fully charged
Blue (not blinking)	Connected to computer by Bluetooth
Blue (blinking slowly)	In pairing mode, attempting to connect to computer
Blue (blinking quickly)	Attempting to reconnect to last paired computer
Orange (not blinking)	Connected to computer or wall adapter by USB cable, battery charging (> 10%)
Orange (blinking)	Battery is low (<= 10%) and connected by Bluetooth, attach to a computer or wall adapter by USB cable to charge

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Map your device to your display(s)

In Mapping settings, you can customize how the surface of your device maps to your display(s). The mapping options available to you depend on whether you are using a single display or multiple displays.

You can also turn [Force proportions](#) on in Mapping settings. This is useful if you notice that drawings look distorted and different than what you are drawing with your pen on your Wacom device.



Warning: If you change the display properties in your computer's display menu, you are also changing the settings on the Mapping page.

Topics on this page

- [Map your device to a portion of a single display](#)
- [Map your device to a portion of multiple displays](#)
- [Map your device to one of multiple displays](#)
- [Use a portion of your device's active area](#)

Map your device to a portion of a single display



Note: These instructions apply to single display setups only.

If you only have one display, your Wacom device will be mapped to the full display by default. To change it to a portion, follow the instructions below.

1. [Open Wacom Center](#).
2. Select your device from the [Devices sidebar](#).
3. Select **Mapping**.
4. Under **Display mapping**, choose "Select portion..."
5. In the **Map a portion of your screen setup** window, use any of the following methods to map your device to a portion of your screen displays:
 - Use the drag handles to drag the corners of the blue border to define the screen area that you want to map to.
 - Select **Click to define** and use your cursor to select the screen area that you want to map to.
 - Enter the **Top**, **Bottom**, **Left**, and **Right** coordinates in pixels.



Tip: To change the setting back to the full display, choose "Map to full display" under **Display mapping**.

Map your device to a portion of multiple displays

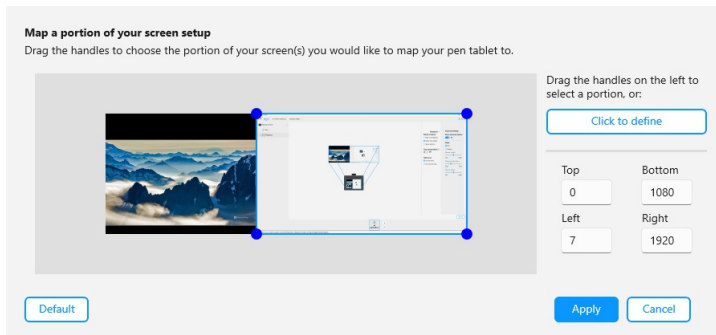
If you have multiple displays, your Wacom device will be mapped to all of the displays by default. If you wish to map your device to only a portion of the displays, follow the instructions below.





Note: These instructions apply to multiple display setups only. These instructions are recommended for advanced Wacom device users.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select **Mapping** and then click **Advanced**.
4. Turn the **Show advanced options** toggle "On" and make sure **Pen mode** is selected.
5. Close the **Advanced** settings.
6. In Mapping settings, choose "Select portion..." under **Display mapping**.
7. In the **Map a portion of your screen setup** window, use any of the following methods to map your device to a portion of your screen displays:
 - Use the drag handles to drag the corners of the blue border to define the screen area that you want to map to.
 - Select **Click to define** and use your cursor to select the screen area that you want to map to.
 - Enter the **Top**, **Bottom**, **Left**, and **Right** coordinates in pixels.



The above screenshot is for descriptive purposes; it may not match your screen.

Map your device to one of multiple displays

If you have multiple displays, your Wacom device will be mapped to all of the displays by default. If you wish to map your device to a single one of the displays, follow the instructions below.

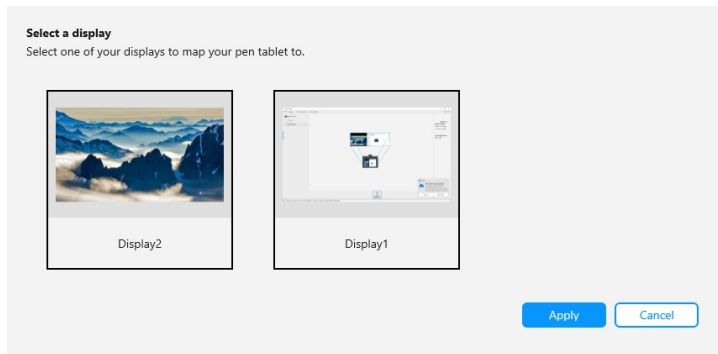


Note: These instructions apply to multiple display setups only.

1. [Open Wacom Center](#).
2. Select your device from the [Devices sidebar](#).
3. Select **Mapping**.
4. Under **Display mapping**, choose "Select one display".
5. On the **Select a display** screen, select the display screen you wish to map to and click **Apply**.



Tip: You can use **Display toggle** to toggle between working on an individual display to working on all of your displays at once.



The above screenshot is for descriptive purposes; it may not match your screen.

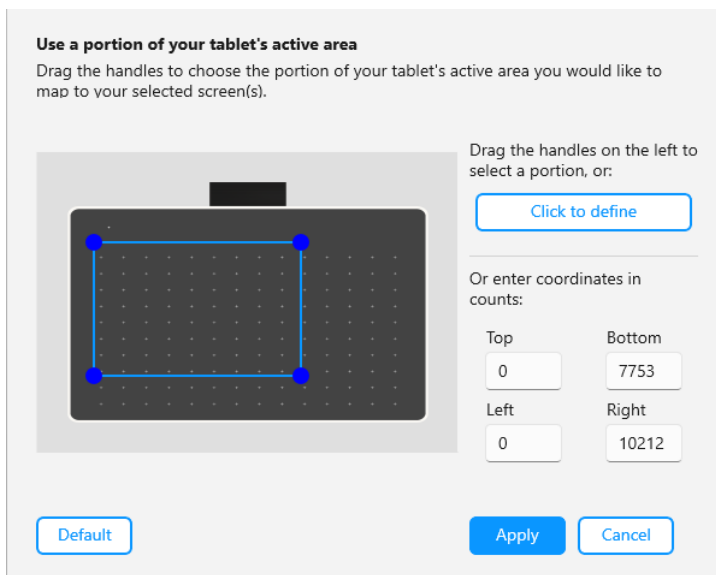
Use a portion of your device's active area

You can specify a custom [active area](#) of your device. This might be useful if you want a smaller pen stroke to correlate to a larger movement on your computer's display, for example.



Note: These instructions are recommended for advanced Wacom device users.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select **Mapping** and then click **Advanced**.
4. Turn the **Show advanced options** toggle "On" and make sure **Pen mode** is selected.
5. Close **Advanced** settings.
6. In Mapping settings, choose "Use custom area..." under **Tablet area**.
7. On the **Use a portion of your tablet's active area** screen, use any of the following methods to change your device mapping settings:
 - Use the drag handles to drag the corners of the blue border to define the screen area that you want to map to.
 - Select **Click to define** and use your cursor to select the screen area that you want to map to.
 - Enter the **Top**, **Bottom**, **Left**, and **Right** coordinates in pixels.



The above screenshot is for descriptive purposes; it may not match your screen.

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Force proportions

The Force proportions setting affects how drawing on your Wacom device appears on your display screen. It can also affect the [device's active area](#). Force proportions is "Off" by default.

If the drawing area on your Wacom device has a different format than your display screen, it may make your drawings look distorted and different than what you are drawing with your pen (Figure 1).

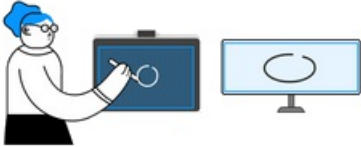


Figure 1

To prevent this, you can [turn Force proportions "On"](#). This will then use a proportional area of your Wacom device, making what you draw with your pen look the same on your display.

However, depending on your display screen layout, this may leave a portion of your Wacom device inactive, as illustrated in the image on the left in Figure 2.



Figure 2

Turn Force proportions "On"

1. [Open Wacom Center](#).
2. Select your device from the [Devices sidebar](#).
3. Select **Mapping**.
4. In Mapping settings, turn **Force proportions** to "On".



Tip: You can turn **Force Proportions** on and off and watch the blue borders of the image in Mapping settings to see how it affects the mapping on your device.

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Advanced Mapping settings

In Advanced Mapping settings, you can change between Pen mode and Mouse mode. You can also turn on **Show advanced options**, which allows you to access advanced mapping features such as selecting a portion of a multi-display set up or mapping a portion of your device to your display(s).

Topics on this page

- [Show advanced options](#)
- [Map your device in Pen mode](#)
- [Map your device in Mouse mode](#)

Show advanced options(s)

The **Show advanced options** slider is turned "Off" by default. Turning it "On" enables advanced features -- **Select portion** and **Use custom area** -- in [Mapping settings](#).



Note: Turning **Show advanced options** "On" is recommended for experienced Wacom device users.

Map your device in Pen mode

Pen mode is the default mode and the recommended setting for your device. In Pen mode, you use the pen like a regular pen, and you interact with the device as if it is your paper. Each point on the device maps absolutely to a specific point on your monitor, and the cursor jumps to the corresponding point on your monitor when you place your pen on the device.



Note: "Pen mode" is required for [mapping your device to your display\(s\)](#).

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select **Mapping** and then click **Advanced**.
4. Under **Mode**, select "Pen".

Map your device in Mouse mode

In **Mouse** mode, you use the pen like a mouse. The cursor stays on the point that you left it when you pick up your pen, and you interact with your device like you interact with a mousepad or trackpad.

Important: Mouse mode is an advanced feature. Wacom recommends using your device in [Pen mode](#), which is the default setting.

1. [Open Wacom Center](#).
2. Select your device in the [Devices sidebar](#).
3. Select **Mapping** and then click **Advanced**.
4. In the **Mode** section, select "Mouse".

5. You can optionally change the mouse settings:

- **Mouse Height:** Move the slider to adjust how high you have to lift up off the device in order to continue moving the cursor across the screen.
- **Mouse Acceleration:** Move the slider to adjust how far the screen cursor moves based on how quickly you are moving across the device.
- **Mouse Speed:** Move the slider to adjust how far the screen cursor moves as you move across the device.



Tip: The best way to decide how to adjust **Mouse Height**, **Mouse Acceleration**, and **Mouse Speed** is to move the sliders and test how they affect your screen cursor movement. Mouse Acceleration and Mouse Speed affect each other, so be sure to move them both to see how they work together.



Warning: When you make changes to these settings, you are not changing corresponding settings in your computer's system settings. However, if you make changes to mouse settings in your computer's system settings, those changes may affect how your mouse works in **Mouse** mode.

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Device active area

The device active area is the area on your Wacom device that you interact with using your pen or touch (if touch is supported on your Wacom device). On the device, the active area might be indicated by a different color or by a pattern. The edges of the active area might be outlined or indicated with marks in the corners.

Topics on this page

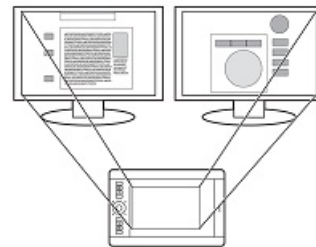
- [How the device active area corresponds to your computer display\(s\)](#)
- [How pen movement on the device corresponds to what you see on the computer display\(s\)](#)

How the device active area corresponds to your computer display(s)

If you have one display attached to your computer, by default, the active area maps to your entire display:

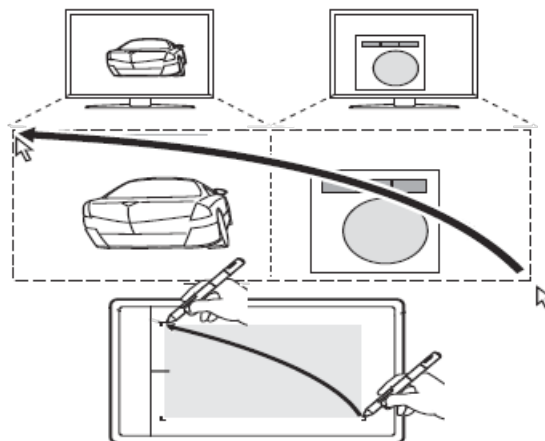


If you have multiple displays attached to your computer, by default, the active area maps to all displays:



How pen movement on the device corresponds to what you see on the computer display(s)

Wherever you place your pen on the device, the screen pointer moves to the corresponding point on the display. The screen pointer on your display follows your movement across the device surface:



Tip: You can customize how the device active area maps to your display(s). See [Mapping settings](#) for more information.



Tip: Use **Display toggle** to toggle between working on all of your displays at once to working on an individual display.



Tip: (only applies to devices with touch functionality): Use touch gestures in the active area to perform specific functions, such as tapping twice to double-click an item.

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Learn and connect

The Learn and connect page in Wacom Center is where you can choose topics you are interested in, download free software, watch helpful videos, and learn from the Wacom community.



Note: To access the Learn and connect page, log into (or sign up for) your Wacom ID. Then register your Wacom device.


Access the Learn and connect page

1. [Open Wacom Center](#).
2. Select **Bonus Pack** in the [navigation bar](#).
3. Click **Learn and connect**.
4. If you have not already, log into (or sign up for) your Wacom ID. Then register your Wacom device.
5. Select your interest area(s), download free software, and watch videos to learn new skills.

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Wacom Support

If you encounter an issue with your pen or Wacom device, perform the recommended action in any error message that appears on your screen. If that does not resolve the issue, try the following:

1. [Open Wacom Center](#).
2. In the [navigation bar](#), click the Global settings  icon.
3. Under **Troubleshooting Options**, click **Driver check** to evaluate driver function and run simple troubleshooting, if necessary.
4. Review the Quick Start Guide included with your product to make sure the device is set up correctly and that all plugs and connectors are firmly in place.
5. Check the User Help for information regarding the issue.
6. Visit [Wacom Support](#) and search for a topic using the search bar, or select any of the topic category cards to access Frequently Asked Questions.
7. Visit Wacom's [Product Resources](#) page to see if a new driver is available and install it.
8. Run diagnostic tests on your device and tools.



Tip: The diagnostic test instructions ("Test the Wacom device", "Test the Pen", etc.) can be found under **Wacom Support** in this User Help's Table of Contents.

If you tried these suggestions and still have an issue, contact [Wacom Support](#). Please be near your computer with the following information available:

- The make and model of your computer and the version of your operating system.
- Which devices were connected to your computer when the issue occurred.
- The name and version of the software application that you were using when the issue occurred.
- What happened and what you were doing when the issue occurred.
- The exact wording of any error messages that appeared on your screen.
- How you tried to solve the problem.

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Test the Wacom device

Turn on your computer. The status LED should light. There may be a short delay before the device is ready to use.

If the LED does not light, try these tests to potentially fix the issue yourself.

1. Restart your computer.
2. Inspect the cables for damage.
3. Open your computer's device manager or system information menu and verify that the USB port that the device is plugged into is working properly.
4. Make sure the cables are securely connected to your device and to your computer.
5. If you are using a USB hub, make sure the hub is securely connected to your computer. If it is and your device still does not work, disconnect the device and plug it into a USB port that is on your computer instead.
6. If you are using a USB port on your computer, try connecting the device to a different USB port on your computer. If that does not work, try connecting the device to a USB port on another computer.
7. If you are using any other tools, such as the mouse, check to make sure that they function.

If these tests do not resolve the problem, please contact [Wacom Support](#) for help.

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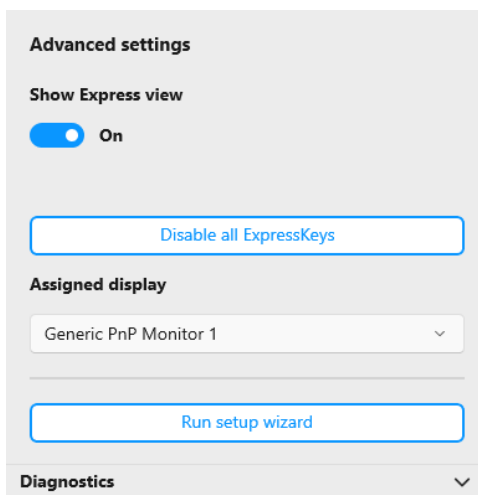
Test the pen

If your pen does not work as expected, check the assigned settings or reset them to their defaults. Also try the steps outlined on the [Wacom Support](#) page. If you are still having issues, use the diagnostic steps below.



Note: The available features on your pen may vary depending on your device.

1. [Open Wacom Center](#).
2. If you have more than one device connected to your system, select the device you are using the pen with from the [Devices sidebar](#).
3. In the [main content area](#), click **Advanced**.
4. At the bottom of the Advanced settings window, click **Diagnostics**.



Driver Info:

Pen: 6.4.0-3

Touch: 6.4.0-3

Device Info:

Model: DTH271

Version:

Left Buttons: All Switches Open

Right Buttons: All Switches Open

Left Touch:

The above screenshot is for descriptive purposes; it may not match your screen.

5. Hold your pen within 10 mm (0.4 inch) of the surface of the device while watching the **Pointing Device Info**. You should see a value appear after **Proximity**, **Device Name**, **Device Type**, and **Device S/N** (serial number).
6. Move the pen along the surface of the device. As you move the pen, the **X Data** and **Y Data** values should change.
7. Press on the surface with the pen tip and then with the eraser. As you are pressing, the **Switches** and **Pressure** values should change from approximately 0% to approximately 100% when you are pressing with full pressure.
8. Press the tip, eraser, and each pen button, one at a time. When you are pressing each pen button, hold the pen tip slightly above the device surface. As you press each item, the **Switches** number should change to match these numbers:

Pro Pen 3

- Pen button = 4
- Pen button = 3
- Pen button = 2
- Pen tip = 1

**Pro Pen 2**

- Pen eraser = 1
- Pen button = 3
- Pen button = 2
- Pen tip = 1



9. Move the pen from a vertical position toward the right and then toward the left. The **X Tilt** value should change to approximately +60 when you move to the right. The **X Tilt** value should change to approximately -60 when you move to the left.
10. Move the pen from a vertical position toward the bottom of the device and then toward the top of the device. The **Y Tilt** value should change to approximately +60 when you move toward the bottom. The **Y Tilt** value should change to approximately -60 when you move toward the top.
11. If you are testing an Art Pen, place the pen tip on the surface of the device and slowly rotate the pen on its axis. The **Rotation** value should change as you rotate the pen.
12. If you are testing an Airbrush, move the fingerwheel forward and backward. The **Wheel** value should decrease to approximately 0 when the fingerwheel is all the way forward. The **Wheel** value should increase to approximately 1000 when the fingerwheel is all the way backward.

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Glossary

Actions	Includes mouse clicks, keyboard shortcuts (Ctrl+Z, etc.), navigation (scroll up or down, etc.), open On-screen shortcuts (Grid panel, etc.), and more. You can assign Actions to customizable components , such as ExpressKeys, pen buttons, etc. When you engage the customizable component, the Action is performed. For example: pressing a pen button to right-click.
Application-specific settings	Device and tool settings that have been customized for individual applications. Application-specific settings are in effect whenever you use the application.
Aspect ratio	The ratio between the vertical and horizontal dimension of the device.
Bluetooth	A method of wireless communication between devices.
Click force	The amount of force you must apply to the pen tip for a click to occur.
Customizable component	Includes ExpressKey™, pen buttons, Touch rings, Rocker rings, Touch gestures, and Touch strips. The customizable components available to you will vary, depending on your device. You can set a customizable component of your device to perform a specific Action .
Digital Ink	Typically, handwritten content which has been created using a pen on a computer in the form of sketches, ink mark-up, or handwriting. The handwriting can be converted to typewritten text or used in its original format.
Displays	An all-encompassing term that can describe a computer monitor, a laptop screen, a Wacom pen display screen, etc.
Display toggle	A feature that allows you to work with your device on all displays, or on one display at a time. Available only on multiple monitor configurations.
Double-click speed	The maximum time that can pass between clicks and still be accepted as a double-click.
Double tap distance	The maximum distance (in screen pixels) that the screen cursor can move between clicks and still be accepted as a double-click. Increasing the double-click distance makes double-clicking easier, but may cause a delay in brush strokes in some graphics applications.
Eraser-aware application	A software application that has built-in support for the pen eraser. These applications take advantage of the eraser in different ways, depending on what makes sense for the application.
Expand	A motion used when navigating with touch. Touch the device surface with two fingers spaced closely together, then move your fingers apart.
ExpressKeys	The customizable component buttons located on your device.
Grid panel	A rectangular On-screen shortcut.
Modifier	Modifier keys include Shift, Alt, and Ctrl for Windows, or Shift, Control, Command, and Option for Mac. You can customize your tool buttons or ExpressKeys to simulate a modifier key.
Nib	The replaceable pen tip.
On-screen	Menus that display on your pen display or on your computer's monitor. You can use On-screen

shortcuts	shortcuts to access the settings you frequently use.
Pairing	A method of creating a virtual cable (Bluetooth) link between two devices.
Pan	A motion used when navigating with touch. Touch the device surface with your fingers and move them in the same direction.
Parallax	The offset between the tip of the pen and the cursor that might display when you are drawing on a Wacom pen display.
Pen display	A Wacom device with a screen. When you draw on a Pen display, you can see what you are drawing on the Pen display's screen.
Pen gestures	Allow you to customize left, right, up, or down pen movements to perform particular actions (undo, redo, scroll, zoom, etc.) while moving your pen tip and pressing a pen button or ExpressKey. Only available on select devices.
Pen holder	A pen storage tool typically attached to your device. Often includes a loop in which you can insert your pen. Is sometimes removable and may contain a nib removal tool and/or extra nibs
Pen input	A method of controlling a computer using the pen.
Pen stand	A stand-alone pen storage tool in which you can place the pen tip-down.
Pen tablet	A Wacom device with an opaque surface. When you draw on your device, you see what you are drawing on your computer's display screen.
Pinch	A motion used when navigating with touch. Touch the display with two fingers spaced slightly apart, then move or 'pinch' your fingers together on the device surface.
Pixel	The smallest unit of measure on your display screen.
Pressure sensitive	A quality of the Wacom pen tip and eraser that senses the amount of pressure being applied. This is used to create natural-looking pen, brush, and eraser strokes in applications that are pressure-sensitive.
Pressure-sensitive application	Any application that supports pressure-sensitive input.
Proximity	The height above the device's active area where pen detection occurs.
Radial menu	A circular On-screen shortcut.
Rotate	A motion used when navigating with touch. Touch the device with two fingers spaced slightly apart and rotate them in a circular fashion, move them in opposing directions, or hold one finger stationary and track your other finger around the stationary finger.
Swipe	A motion used when navigating with touch. Touch the device surface with three, four, or five fingers and sweep them quickly across the device in the same direction.
Tap	A motion used when navigating with touch. Touch and lift a single finger (or multiple fingers, depending on the gesture) from the device.
	A quality of the pen tip and eraser that senses the amount of tilt between the tool and the device. This is used to create natural-looking pen, brush, and eraser strokes in applications

Tilt sensitivity	that are tilt-sensitive.
Tip double click distance	The maximum distance (in screen pixels) that the screen cursor can move between clicks and still be accepted as a double-click. Increasing the double-click distance makes double-clicking easier, but may cause a delay in brush strokes in some graphics applications.
Touch	A method of interacting with a computer using only your fingers on the device. May also be referred to as touch input.
Touch ring	The customizable control ring located on your device.
Touch strips	The customizable control strips located on the back of the Cintiq 22.
Touch sensor	The navigation area of your device where touch is detected. The touch sensor resides within the active area, and does not accept pen input.
Track	A motion used when navigating with touch. Touch and move a single finger across the device surface.
Viewing angle	The angle at which you are viewing your pen display screen, which can affect where the cursor appears in relation to the pen tip. You can use the Pen to tip alignment feature to account for viewing angle.
Wacom Link Adapter	Adapter for some creative pen displays on machines without a USB-C port.

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Order parts and accessories

To purchase parts and accessories for your device, go to the [Wacom Store](#).

You may also contact your local dealer, distributor, or [Wacom Support](#) for your region.



Note: Some parts and accessories may not be available in all regions.

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Care for your device

Follow these care and maintenance tips to ensure optimum performance of your device.



Warning: Do not spill liquids onto your device or pen. The devices may fail if exposed to liquids.

- Clean your device using an anti-static cloth or slightly damp cloth and light pressure.
- Do not wrap the cables around the device when storing it.
- Replace your pen nibs frequently to avoid scratching the surface with worn pen nibs.
- Avoid extremes in temperature.

Make sure to review the **Important Product Information** for additional safety precautions. You can find it in [Wacom Center](#), or on Wacom's Product Resources page: www.wacom.com/download.

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About this document

This document is referred to as User Help. User Help is intended to assist with the setup, features, and advanced use of Wacom devices, including pens and accessories.

User Help is an additional resource to the Quick Start Guide, which is included in the box with your Wacom device. The Quick Start Guide will give you the fastest overview of the initial setup or installation process so you can begin using your Wacom device immediately.

Topics on this page

- [Things to know about User Help](#)
- [Device features in User Help](#)
- [Access User Help](#)

Things to know about User Help

When viewing User Help, there are several callouts to pay special attention to that give you important information regarding using your Wacom device. The following callouts are present in User Help:

Important: This callout provides specific information that may be necessary for the optimal use of your device or information that you should know about your device.



Warning: This callout provides specific information that may be necessary for the safe use of your device, including but not limited to physical safety or the safe management of your files and data, and best-practice measures to ensure your device works properly.



Note: This callout provides general information about the use of your device, including efficiencies and feature details, variations, or limitations. This callout is also used to identify if a feature or action is not available on all devices.



Tip: This callout provides additional information on how to use your device, including shortcuts and helpful recommendations.



The User Help also contains links to other helpful or relevant information. Clicking on a link will take you to another URL location, most commonly another User Help page or to the [Wacom website](#).

Device features in User Help

User Help provides an in-depth look into the features of Wacom devices. This includes feature definitions, examples, screenshots, and instructions for use to help users make the most out of their experiences with their devices. For this reason, the User Help may contain features that are not available on your specific device. Wacom does its best to annotate the instances where a device feature is mentioned but is not available on all devices.

Access User Help

You can access User Help from these locations:

- From the Wacom Center help  icon.
- From the Wacom Tablet Properties help  icon.
- On the Wacom Support [Product Resources](#) page. Enter your product's name in the **Search to find your product resources** bar and select your product from the resulting drop-down list. The product's User Help will display in the **Manual & Warranty** section.



Note: User Help is common to Windows and Mac computers. Screenshots are from a Windows computer, unless otherwise noted.



Note: Information about your specific computer hardware, operating system, and application software is not included. Refer to the product information provided with those products.

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The hazardous substances of display products sold in mainland China comply with the "Regulations on the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products" and the "Management Catalogue for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products", and the restrictions on the use of hazardous substances in electrical and electronic products. The Green Labeling System is used in the Implementation of the Conformity Assessment System.


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Privacy

At Wacom, we value your privacy. We use analytics to collect basic information about browsing to improve our User Help. Please see our [Privacy Policy](#) for more information.

Wacom Experience Program for Tablet Driver

You can help Wacom improve its products by participating in the Wacom Experience Program for Tablet Driver. When you participate in the program, the driver will automatically send certain diagnostics and usage data for your Wacom product.

1. [Open Wacom Center](#).
2. Click the Global settings  icon in the [navigation bar](#).
3. Under **Wacom Experience Program for Tablet Driver**, click the **Tablet Driver Privacy Notice** link to learn about the program.
4. To participate in the program, move the **Wacom Experience Program for Tablet Driver** slider to "On".
5. In the pop-up dialog, select the checkbox and click **OK**.

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