Notes, cautions, and warnings

**NOTE:** A NOTE indicates important information that helps you make better use of your product.

**CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

**WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.
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The Canvas Pen is designed for a highly precise and natural writing experience and can be used directly on the Dell Canvas screen. The Pen uses electro-magnetic resonance (EMR) technology and gets activated when brought within the proximity of the Dell Canvas screen.
Canvas Pen features

1. Pen
2. Top barrel button
3. Bottom barrel button
4. Pen tip—nib

For more information about customizing the settings for these features, see customizing the Pen.

Nib holder

The nib holder includes a nib removal tool and compartments to hold the nibs.
Nibs

The Pen ships with a total of seven nibs. One hard nib is installed in the Pen. In addition, there are six nibs in the nib holder with two nibs each of the type: hardest, medium hard, and soft.
1. Nib holder
2. B—Soft nib
3. H—Hard nib
4. HB—Medium nib
Installing software drivers

Microsoft Windows 10 Anniversary version 1607 update or later supports the Pen features.

You can log in to dell.com/support to download the Canvas Installer application.
The Pen does not require a battery or a power cord to function. It senses the amount of pressure and tilt applied to the tip. The four basic techniques for using the Pen are: pointing, clicking, double-clicking, and dragging.

**NOTE:** When not using the Pen, place it on the magnetic retention which is on either side of the Canvas, or in the Pen and nib holder, or on a flat surface.

<table>
<thead>
<tr>
<th>User action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positioning</td>
<td>To position the screen cursor, move the Pen slightly above the Dell Canvas screen without touching the screen surface. To make a selection, press the Pen tip on the display screen.</td>
</tr>
<tr>
<td>Clicking</td>
<td>Tap the display screen once with the Pen tip, or touch the Pen to the Canvas screen with enough pressure to register a click.</td>
</tr>
<tr>
<td>Dragging</td>
<td>Select an object, then slide the Pen tip across the Canvas screen to move the object.</td>
</tr>
<tr>
<td>Using the Top and Bottom barrel buttons</td>
<td>The buttons have customizable options. By default, the Top button is set to Erase, and the lower barrel button is set to Barrel button. You can customize the options in the Canvas Pen settings page.</td>
</tr>
<tr>
<td>Working with pressure sensitivity</td>
<td>To draw, ink, or write with pressure sensitivity, move the Pen along the display screen surface while applying various amounts of pressure downward on the tip of the Pen. Press hard for thick lines or dense color. Press gently for thin lines or softer color.</td>
</tr>
<tr>
<td>Drawing with Tilt</td>
<td>Tilt can be used to control line shape and thickness in any application that supports this feature.</td>
</tr>
<tr>
<td>Erasing</td>
<td>In applications that support this feature, the Pen eraser works like a pencil eraser.</td>
</tr>
</tbody>
</table>
Customizing the Pen

Go to Start > Dell Canvas > Canvas Pen in the Windows operating system and customize settings for the Pen.

The following settings are available in the Canvas Pen control panel settings:

Table 2. Canvas Pen control panel settings

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilt sensitivity</td>
<td>Allows you to adjust the Tilt sensitivity of your Pen. It determines how far you can tilt the tool to produce maximum tilt effect. You need to tilt the pen less, at high sensitivity than at low sensitivity. Drag the slider to increase or decrease the Tilt.</td>
</tr>
<tr>
<td>Top Barrel Button</td>
<td>The option Erase is selected by default. You can customize the setting by choosing a different function from the drop-down list. For more information about different functions in the list, see button functions.</td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Bottom Barrel Button</td>
<td>The option Barrel button is selected by default. You can customize the setting by choosing a different function from the drop-down list. For more information about different functions in the list, see button functions.</td>
</tr>
<tr>
<td>Hover Click</td>
<td>Click the check box to hold the pen tip close to the screen and press the side switch to perform a set function.</td>
</tr>
</tbody>
</table>

**Pen Tip Options**

<table>
<thead>
<tr>
<th>Pen tip sensitivity</th>
<th>Allows you to adjust the click pressure and pressure-sensitivity. Drag the slider to change it to the required setting.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibrate</td>
<td>You can calibrate the Pen display to align the screen cursor with the position of the pen on the Canvas screen. For more information, see calibrating the pen display.</td>
</tr>
<tr>
<td>Configure Displays</td>
<td>Allows you to configure the display settings.</td>
</tr>
<tr>
<td>Show Ripple Effect</td>
<td>To enable visual feedback for the pen, click the checkbox.</td>
</tr>
<tr>
<td>Restore default settings</td>
<td>Restores the changes to the default settings</td>
</tr>
</tbody>
</table>

**Topics:**
- Button functions
- Calibrating the Pen display
- Associating the Pen and Touch inputs
- Radial menu settings
- Pen and Windows ink settings

**Button functions**

The topic describes different settings that can be configured for the Top and Bottom barrel buttons. The options are similar for both the buttons.
<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left Click</td>
<td>Performs a function similar to a left mouse button click.</td>
</tr>
<tr>
<td>Right Click</td>
<td>Performs a function similar to a right mouse button click, which displays a menu.</td>
</tr>
<tr>
<td>Middle Click</td>
<td>Performs a function similar to a middle mouse button click.</td>
</tr>
<tr>
<td>Double Click</td>
<td>Performs a function similar to a left double-click.</td>
</tr>
<tr>
<td>Click Lock</td>
<td>It is useful to either drag objects or selecting text blocks.</td>
</tr>
<tr>
<td>4th Click</td>
<td>Performs a function similar to a 4th mouse button click.</td>
</tr>
<tr>
<td>5th Click</td>
<td>Performs a function similar to a 5th mouse button click.</td>
</tr>
<tr>
<td>Keystrokes</td>
<td>Choosing this option helps you to simulate keystrokes.</td>
</tr>
<tr>
<td>Modifier</td>
<td>Choosing this option helps you to simulate modifier keys like: Shift, Alt, or CTRL.</td>
</tr>
<tr>
<td>Radial Menu</td>
<td>Displays the Radial Menu options.</td>
</tr>
<tr>
<td>Pan/Scroll</td>
<td>It enables you to position an image in any direction within the active pane.</td>
</tr>
<tr>
<td>Open/Run</td>
<td>It opens a dialog box where you can choose a specific application or file.</td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Erase</td>
<td>The tip of the pen functions like an Eraser in all the applications that support this functionality.</td>
</tr>
<tr>
<td>Barrel Button</td>
<td>Barrel button supports the default Pen button function in Windows 10.</td>
</tr>
<tr>
<td>Sketchpad</td>
<td>Opens the Sketchpad.</td>
</tr>
<tr>
<td>OneNote</td>
<td>Opens the One Note.</td>
</tr>
<tr>
<td>Screen Sketch</td>
<td>Opens the Sketchpad from the Windows Ink Workspace.</td>
</tr>
<tr>
<td>Sticky Notes</td>
<td>Opens the Sticky Notes.</td>
</tr>
<tr>
<td>Ink Workspace</td>
<td>Opens the Ink Workspace</td>
</tr>
<tr>
<td>Cortana</td>
<td>Open the help application in Windows</td>
</tr>
<tr>
<td>Disabled</td>
<td>Disables the button</td>
</tr>
</tbody>
</table>

**Calibrating the Pen display**

For optimum performance, calibrate the Pen display to align the screen cursor with the position of the Pen on the Canvas screen. You can perform the following steps to calibrate the Pen on the Dell Canvas screen:

1. Go to **Start > Dell Canvas > Canvas Pen** in the Windows operating system. The **Canvas Pen control panel** settings page is displayed.
2. Click **Calibrate**.
3. To calibrate the Pen display, follow the instruction given on the screen.
4. To calibrate on the edges of the screen, click **Run Additional Edge Calibration** if necessary.
Associating the Pen and Touch inputs

To ensure that the Pen and Touch inputs are properly associated to the Dell Canvas screen, it is recommended to have the Dell Canvas set as main display. You can also associate the Pen and Touch inputs to the Dell canvas screen when it is used as an extended display.

For more information about configuring these settings, see the following topics:

- Using Dell Canvas as a main display
- Using Dell Canvas as an extended display

Configuring Dell Canvas as the main display

To set the Dell Canvas as the main display screen, perform the following steps:

1. Go to Start > Windows Settings > System > Display.
2. Click Identify.
3. Select the Dell Canvas display from the Customize your display window.
4. Select Make this my main display.
5. Click Apply.

Using Dell Canvas as an extended display

Associate the Pen and Touch inputs with the Dell Canvas screen when using the Dell Canvas as an extended display.

1. Type Calibrate in the Search field on the taskbar.
2. Select the search result Calibrate the screen for pen or touch input.
3 In the **Tablet PC Settings** control panel, select *Dell Canvas* from the drop-down list in the **Display options** section and then click **Setup** in the **Configure** section.
4. Choose either the **Pen input** or the **Touch input** in the **Identify pen or touch screens** control panel.

![Identify pen or touch input screens](image)

**What type of screen do you want to identify?**

- Pen input
- Touch input

5. Read the instructions carefully and press Enter until the configuration screen shows on the Canvas screen.
6 Touch the Canvas screen with the Pen or your finger to associate the input with the Canvas screen.

Tap this screen with your tablet pen to set it as the Tablet PC screen.

If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.

7 Click **OK** on the **Tablet PC Settings** control panel.
Radial menu settings

The **Radial Menu** control panel provides quick access to editing, navigation, and media control functions. You can customize the label and choose different functions from the drop-down list and add them to the **Radial Menu** settings.

![Radial Menu settings](image)

You can click the radial menu to see all the functions that can be added to the **Radial Menu** settings.
Pen and Windows ink settings

Go to Start > Windows Settings > Devices > Pen & Windows Ink and customize settings for the Canvas Pen in the Windows operating system. For more detailed information about the settings, see the Microsoft website at https://microsoft.com.

The following settings in the image can be customized in the Windows control panel:
Pen & Windows Ink

Pen
Choose which hand you write with

Show Visual Effects
On

Show cursor
On

Ignore touch input when I'm using my pen
Off

Show the handwriting panel when not in tablet mode and there's no keyboard attached
On

Pen & Windows Ink

Additional pen settings:
Your device comes with more pen settings in an app
Open app

Have a question?
Get help

Make Windows better.
Give us feedback

Get to know my handwriting
Replacing the Pen nib

To protect your pen display screen from scratching and for better performance, replace the Canvas Pen nib periodically. You can order new nibs online from the Dell Canvas product page on Dell.com.

⚠️ CAUTION: The tip of the pen nib wears out with normal use. Replace the pen nib when it starts to get too short or develops a flat point. Excessive pressure causes it to wear out sooner.

1. To remove the nib, hold the nib removal tool [A], [1] with the opening pointing toward the nib [A], [2].
2. Clasp the nib with the tool and remove the nib out of the pen barrel [B], [C].
3. To insert the nib, clasp the nib with your fingers [D], [1].
4. Slide the end of the new nib straight into the barrel of the pen [E], [F].
Replacing the Pen nib
The following table lists common issues that may occur when using the Canvas Pen and possible solutions:

**Table 4. Canvas Pen issues**

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
</table>
| The Pen works only in the mouse mode and does not draw or write with pressure sensitivity. | • Ensure that the Pen driver software is installed correctly.  
• Reinstall the driver software.  
• Ensure that the tool selected in the application and the application where the Pen is being used support pressure sensitivity. |
| The Pen does not draw or write with pressure sensitivity.              | • Ensure that the application where the Pen is being used supports this functionality with pressure sensitivity.  
• Ensure that the right options are selected within the application itself. |
| Clicking is difficult.                                                 | • Adjust the Pen tip sensitivity settings.  
• Calibrate the Pen accuracy from the Canvas Pen settings page. |
| The Pen selects everything or will not stop drawing.                   | Adjust the Pen tip sensitivity settings.                                    |
| The Pen cursor mapping becomes misaligned when duplicating two or more displays with different aspect ratios. | Extend image across displays or project to one display.                   |
| The Pen does not function.                                            | Check the USB connection between the Dell Canvas and the host system.     |
| The Pen cursor appears on a display other than Dell Canvas.            | Calibrate the pen display to align the screen cursor with the position of the pen on the display screen.  
Run the Tablet PC Settings tool to assign the Pen input to the correct screen. |