

Pointing Devices and Keyboard

User Guide

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Product notice

This user guide describes features that are
common to most models. Some features
may not be available on your computer.

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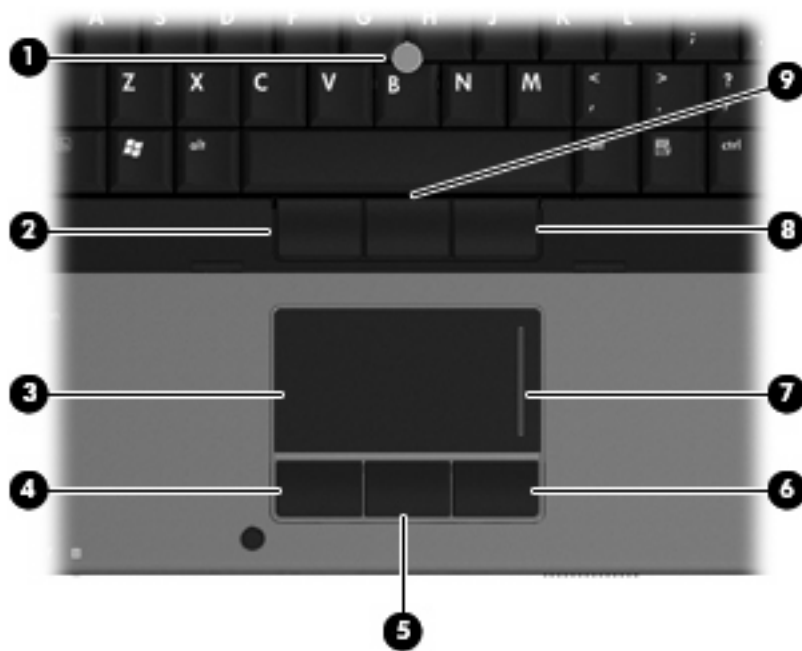
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1 Using pointing devices



Component		Description
(1)	Pointing stick*	Moves the pointer and selects or activates items on the screen.
(2)	Left pointing stick button*	Functions like the left button on an external mouse.
(3)	TouchPad*	Moves the pointer and selects or activates items on the screen.
(4)	Left TouchPad button*	Functions like the left button on an external mouse.
(5)	Center TouchPad button*	Functions like the center button on an external mouse.
(6)	Right TouchPad button*	Functions like the right button on an external mouse.
(7)	TouchPad scroll zone	Scrolls up or down.
(8)	Right pointing stick button*	Functions like the right button on an external mouse.
(9)	Center pointing stick button*	Functions like the center button on an external mouse.

*This table describes factory settings. To view or change pointing device preferences, select **Start > Control Panel > Hardware and Sound > Mouse**.


Setting pointing device preferences

Use Mouse Properties in Windows® to customize settings for pointing devices, such as button configuration, click speed, and pointer options.

To access Mouse Properties, select **Start > Control Panel > Hardware and Sound > Mouse**.

Using the TouchPad

To move the pointer, slide your finger across the TouchPad surface in the direction you want the pointer to go. Use the TouchPad buttons like the corresponding buttons on an external mouse. To scroll up and down using the TouchPad vertical scroll zone, slide your finger up or down over the lines.

 **NOTE:** If you are using the TouchPad to move the pointer, you must lift your finger off the TouchPad before moving it to the scroll zone. Simply sliding your finger from the TouchPad to the scroll zone will not activate the scrolling function.

Using the pointing stick

Press the pointing stick in the direction you want to move the pointer on the screen. Use the left and right pointing stick buttons as you would the left and right buttons on an external mouse.

Connecting an external mouse

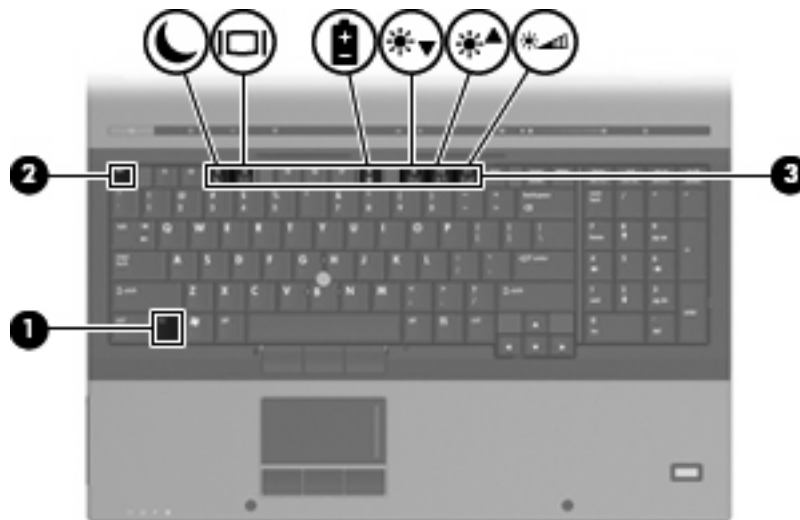
You can connect an external USB mouse to the computer using one of the USB ports on the computer. A USB mouse can also be connected to the system using the ports on an optional docking device.

2 Using the keyboard

Using hotkeys

Hotkeys are combinations of the **fn** key (1) and either the **esc** key (2) or one of the function keys (3).

The icons on the **f3**, **f4**, and **f8** through **f11** keys represent the hotkey functions. Hotkey functions and procedures are discussed in the following sections.



Function	Hotkey
Display system information.	fn+esc
Initiate Sleep.	fn+f3
Switch the screen image.	fn+f4
Display battery information.	fn+f8
Decrease screen brightness.	fn+f9
Increase screen brightness.	fn+f10
Activate the ambient light sensor.	fn+f11

To use a hotkey command on the computer keyboard, follow either of these steps:

- Briefly press the **fn** key, and then briefly press the second key of the hotkey command.
– or –
- Press and hold down the **fn** key, briefly press the second key of the hotkey command, and then release both keys at the same time.

Displaying system information (fn+esc)

Press **fn+esc** to display information about system hardware components and the system BIOS version number.

In the Windows **fn+esc** display, the version of the system BIOS (basic input-output system) is displayed as the BIOS date. On some computer models, the BIOS date is displayed in decimal format. The BIOS date is sometimes called the system ROM version number.

Initiating Sleep (fn+f3)

△ **CAUTION:** To reduce the risk of information loss, save your work before initiating Sleep.

Press **fn+f3** to initiate Sleep.

When Sleep is initiated, your information is stored in system memory, the screen is cleared, and power is conserved. While the computer is in the Sleep state, the power lights blink.

The computer must be on before you can initiate Sleep.

📝 **NOTE:** If a critical battery level occurs while the computer is in the Sleep state, the computer initiates Hibernation and the information stored in memory is saved to the hard drive. The factory setting for critical battery action is Hibernate, but this setting can be changed using Power Options in Windows Control Panel.

To exit Sleep, briefly press the power button.

The function of the **fn+f3** hotkey can be changed. For example, you can set the **fn+f3** hotkey to initiate Hibernation instead of Sleep.

📝 **NOTE:** In all Windows operating system windows, references to the *sleep button* apply to the **fn+f3** hotkey.

Switching the screen image (fn+f4)

Press **fn+f4** to switch the screen image among display devices connected to the system. For example, if a monitor is connected to the computer, pressing **fn+f4** alternates the screen image from the computer display to the monitor display to a simultaneous display on both the computer and the monitor.

Most external monitors receive video information from the computer using the external VGA video standard. The **fn+f4** hotkey can also alternate images among other devices receiving video information from the computer.

The following video transmission types, with examples of devices that use them, are supported by the **fn+f4** hotkey:

- LCD (computer display)
- External VGA (most external monitors)
- S-Video (televisions, camcorders, DVD players, VCRs, and video capture cards with S-Video-in jacks)
- HDMI (televisions, camcorders, DVD players, VCRs, and video capture cards with HDMI ports)
- Composite video (televisions, camcorders, DVD players, VCRs, and video capture cards with composite-video-in jacks)



NOTE: Composite devices and S-Video devices can be connected to the system only by using an optional docking device.

Viewing battery charge information (fn+f8)

Press **fn+f8** to display charge information for all installed batteries. The display indicates which batteries are charging and reports the amount of charge remaining in each battery.

Decreasing screen brightness (fn+f9)

Press **fn+f9** to decrease screen brightness. Hold down the hotkey to decrease the brightness level incrementally.

Increasing screen brightness (fn+f10)

Press **fn+f10** to increase screen brightness. Hold down the hotkey to increase the brightness level incrementally.

Activating the ambient light sensor (fn+f11)

Press **fn+f11** to activate and deactivate the ambient light sensor.


3 Using HP Quick Launch Buttons

The HP Quick Launch Buttons enable you to quickly open programs, files, or Web sites you use frequently. You can use the factory settings, which are described in the following table. Or you can reprogram the buttons by opening the Q Menu in the Quick Launch Buttons control panel.

The Quick Launch Buttons include the info button **(1)**, the presentation button **(2)**, and the calculator button **(3)**.



The following table describes the factory settings for the Quick Launch Buttons.

 **NOTE:** Button functions vary, depending on the software installed on your computer.

Component	Description
(1) Info button	Launches Info Center, which provides shortcuts to features, such as the following: NOTE: Some of the features listed may not be included with your computer model. <ul style="list-style-type: none">HP Wireless AssistantHP ProtectTools Suite

Component	Description
	<ul style="list-style-type: none"> • HP 3D DriveGuard • HP Help and Support • HP Notebook Accessories Product Tour • HP Product User Guides • HP Connection Manager • HP Software Setup • Presto! BizCard 5
(2) Presentation button	Opens the Presentation Options window, which enables you to start a frequently used presentation, file, program, or Web site. You can also adjust the display settings for optimum viewing.
(3) Calculator button	Launches the Windows calculator.

Accessing the Quick Launch Buttons control panel

The Q Menu in the Quick Launch Buttons control panel enables you to set your own preferences for the info button and the presentation button. Both buttons can be used to launch frequently used programs.

You can open the Quick Launch Buttons control panel in any of the following ways:

- Select **Start > Control Panel > Hardware and Sound > Quick Launch Buttons**.

– or –

Right-click the **HP Quick Launch Buttons** icon in the notification area, and then select one of the following tasks:

- Adjust HP Quick Launch Buttons Properties
- Launch Q Menu
- Turn Presentation On
- Turn Ambient Light Sensor Off

Displaying the Q Menu

The Q Menu provides quick access to the Quick Launch Button settings.

To display the Q Menu on the desktop:

- ▲ Right-click the **HP Quick Launch Buttons** icon in the notification area, at the far right of the taskbar, and then select **Launch Q Menu**.



NOTE: For more information about the Q Menu, refer to the software Help.

4 Using HP QuickLook 2

HP QuickLook 2 enables you to see your Microsoft® Outlook e-mail, calendar, contact, and task information without starting the operating system. After QuickLook 2 has been configured, you can quickly access your important information when the computer is off or in Hibernation by pressing the info button.

Configuring QuickLook 2

To configure QuickLook 2, follow these steps:

1. Open Microsoft® Outlook.

QuickLook 2 displays 2 icons on the Outlook toolbar:



The QuickLook 2 Preferences icon enables you to set automatic data collection preferences.



The QuickLook Capture icon enables you to manually initiate QuickLook 2 information capture in addition to automatic retrieval.



NOTE: For most tasks, you will use the QuickLook 2 Preferences icon.

2. Click the **QuickLook 2 Preferences** icon on the Outlook toolbar.

The QuickLook 2 Preferences dialog box opens.

3. Set the following preferences:

- When you want QuickLook 2 to capture information from Outlook and save it on your hard drive
- What types of data you want to be displayed for your calendar, contacts, e-mail, and tasks

4. Select security, if needed, and set a personal identification number (PIN).

Using manual information collection

Even if you have configured QuickLook 2 to collect information at preset intervals, you can also manually collect and save Outlook information any time you are logged on to your Outlook account.

Using QuickLook 2

The info button behavior depends on the power state of the computer, as shown in the following table.

Power state	Info button behavior
Off	Opens QuickLook.
Hibernation	Opens QuickLook.
On	Opens Info Center.
Sleep	Returns the computer to its previous state.



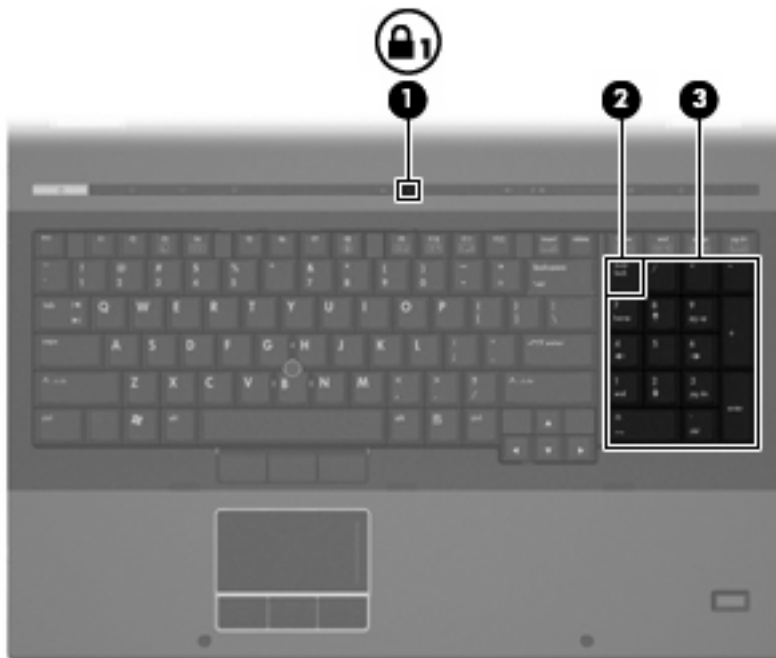
NOTE: QuickLook 2 is enabled at the factory. If you disable QuickLook 2 in the system BIOS, pressing the info button opens Info Center when the computer is on. Pressing the info button when the computer is off, in Hibernation, or in the Sleep state has no effect.

For more information

For more details about setting up and using QuickLook 2, refer to the QuickLook 2 software Help.

5 Using keypads

The computer has an integrated numeric keypad and also supports an optional numeric keypad or an optional external keyboard that includes a numeric keypad.



Component		Description
(1)	Num lock light	On: Num lock is on.
(2)	num lk key	Alternates between the navigation and numeric functions on the integrated numeric keypad. NOTE: The keypad function that is active when the computer is turned off will be reinstated when the computer is turned back on.
(3)	Integrated numeric keypad	Can be used like the keys on an external numeric keypad.

Using an optional external numeric keypad

Keys on most external numeric keypads function differently according to whether num lock is on or off. (Num lock is turned off at the factory.) For example:

- When num lock is on, most keypad keys type numbers.
- When num lock is off, most keypad keys function like the arrow, page up, or page down keys.

When num lock on an external keypad is turned on, the num lock light on the computer is turned on. When num lock on an external keypad is turned off, the num lock light on the computer is turned off.

To turn num lock on or off on an external keypad as you work:

- ▲ Press the **num lk** key on the external keypad, not on the computer.

6 Cleaning the TouchPad and keyboard

Dirt and grease on the TouchPad can cause the pointer to jump around on the screen. To avoid this, clean the TouchPad with a damp cloth, and wash your hands frequently when using the computer.

⚠ **WARNING!** To reduce the risk of electric shock or damage to internal components, do not use a vacuum cleaner attachment to clean the keyboard. A vacuum cleaner can deposit household debris on the keyboard surface.

Clean the keyboard regularly to prevent keys from sticking and to remove dust, lint, and particles that can become trapped beneath the keys. A can of compressed air with a straw extension can be used to blow air around and under the keys to loosen and remove debris.



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