

TOUCHPAD DRIVER FEATURES PRODUCT BRIEF

Advanced Features

The Synaptics device driver provides a variety of advanced features for end users. Manufacturers can choose to support all or a sub-set of these features. Below is an overview of selected advanced features. View the TouchPad Tutorial to see a demonstration of the most commonly used advanced features.



Touch Sensitivity

The Touch Sensitivity feature allows users to get the best performance from a TouchPad. Users can personalize the touch sensitivity settings for their finger size and style of touch.

Tapping

Tapping on the TouchPad surface is usually quicker and more convenient than using a mouse or mechanical buttons, and gives the same result as clicking the primary mouse button. Tapping twice in rapid succession produces a double-click.

Tap Zones

The Tap Zone feature allows users to configure each of the four corners of the TouchPad surface to act as different buttons when tapped. Users can configure the Tap Zones to perform an action, such as launching an application. Users can also adjust the size of each Tap Zone.

Virtual Scrolling

The Virtual Scrolling feature allows users to scroll through documents, web pages, and so forth with a single stroke of the finger. Virtual Scrolling operates the scroll bars automatically so there is no need to move the pointer away from its current location. Virtual Scrolling works with most scrollable windows such as word processing documents, spreadsheets, and large digital images. It also works with other scrollable items such as file lists and font lists. Virtual Scrolling provides smooth and easy scrolling for all applications.

Corner Taps and Programmable Tap Zones

Corner taps and programmable tap zones allow users to assign button controls or other functions to an area on the TouchPad surface. For example, users can program the right hand corner of the TouchPad to perform the equivalent of a right button mouse click, or program another corner of the TouchPad to launch the Start Menu. The actions are entirely up to the user, and are programmable through the Synaptics driver.

PalmCheck

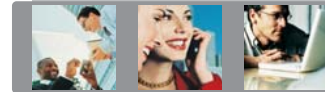
The PalmCheck™ feature guards against unintentional cursor movement and tapping caused by accidental contact of the palm or hand with the TouchPad. PalmCheck allows the TouchPad to recognize when a user's palm is resting on it or brushing its surface while typing. This helps prevent unwanted pointer movement or clicks.

EdgeMotion

The EdgeMotion™ feature is designed to simplify long-distance pointer motions. With EdgeMotion, users are not restricted by the size of the TouchPad when dragging an item across the screen or pointing. When the user's finger reaches the edge of the TouchPad, holding the finger on the edge will cause the cursor to continue moving in that direction until the finger is lifted.

Programmable Button Assignments

The Programmable Button Assignment feature allows users to configure the action performed when a button is pressed. For example, users could define the right button to “go to a web page in the default browser.” Each time that button is clicked, the web browser would automatically open and load the specified page. However, the factory defaults for mechanical buttons are generally set to emulate primary and secondary mouse clicks.



Virtual Zooming

The Virtual Zooming feature makes increasing or decreasing the magnification of a document quick and easy. By holding down the control key and running a finger along the right edge of the TouchPad will zoom in or out, depending on the direction of motion. This feature is available with applications that have a zoom feature and support the Microsoft IntelliMouse™.

Slow Motion

The Slow Motion feature allows users to reduce the speed of the pointer to improve pointing accuracy for fine positioning. Users activate Slow Motion by pressing and holding a specified key (user-selected) while moving the pointer.

Constrained Motion

The Constrained Motion feature allows users to force purely horizontal or vertical motion of the pointer on the screen. This feature is most beneficial when using a drawing program. Constrained Motion is activated by pressing and holding a specified key (user-selected) while moving the pointer. When the key is pressed, the initial direction of the pointer's motion determines the allowed direction of movement for as long as the finger remains on the TouchPad.

Animated Tray Icon

The animated tray icon provides instant visual feedback about taps and finger motion.

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