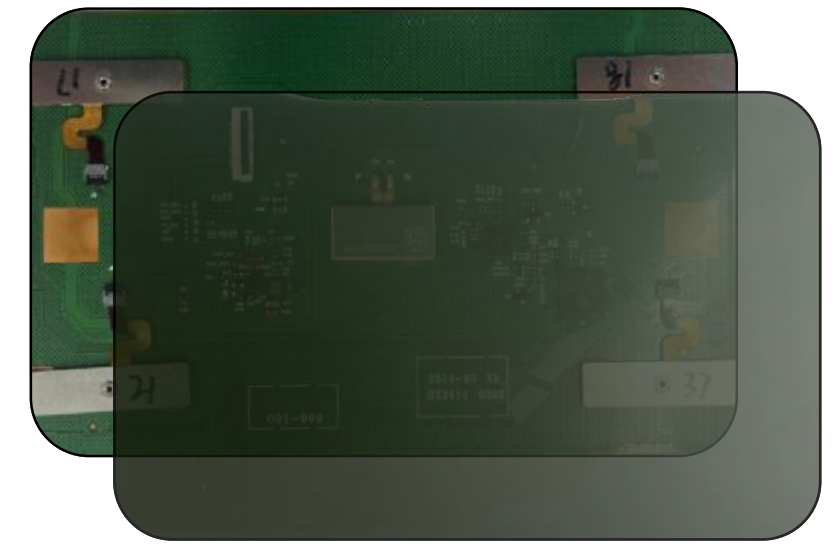


FORCEPAD



Years of development and user experience have led to the creation of NEXT Biometrics touchpad series, featuring fast and natural responsiveness along with the slope algorithm – a palm rejection technology that significantly reduces accidental input when resting hands on a laptop.

Featuring true multi-touch functionality, the touchpads track up to five fingers in real time for fast, natural responsiveness. The slope algorithm ensures effective palm rejection, minimizing accidental inputs. With optimal precision and support for HID-I2C, PS/2, and advanced gesture recognition, the touchpads deliver superior accuracy in detection, selection, and dragging. They also eliminate cursor jumping and axis snapping, providing a smooth, reliable user experience, critical for top-notch touchpad performance.

APPLICATION

Our touchpad products provide a superior solution for commercial and consumer laptops by utilizing true multi-touch capacitive sensing technology.

FEATURES AND BENEFITS OF THE FORCEPAD:

- Efficient Power Management: Low operational and standby power consumption.
- Strong Anti-Interference Capability: Equipped with an algorithm for seamless frequency hopping.
- Adaptive Large-Area Rejection: Effectively prevents accidental touches.
- Self-Adaptive Baseline Update Mechanism: Suitable for various complex environments, ensuring stable operation without disconnections or missed inputs.
- Uniform Motor Vibration: Delivers a superior tactile experience.
- Excellent Pressure Detection: High linearity, accuracy, consistency, and uniformity in detecting pressure.
- Unique Pressure Detection Algorithm: Capable of detecting subtle pressure changes.

FEATURES AND BENEFITS:

- Industry-Leading Performance: Fastest average movement time, lowest error rates, and highest user satisfaction.
- Supported Operating Systems: It supports a wide range of operating systems, including Microsoft® Windows®, as well as Android™, Linux®, and Chrome OS™.
- Extensive Interface Support: Support for a broad range of interfaces, including HID-I2C and PS/2.
- Low Power Consumption: Advanced touch control technology and optimized power management help maximize battery life.

Technology Type:

The patented slope technology enables the system to distinguish between fingers and palms, effectively eliminating unintended cursor movement, scrolling, and clicks, providing an exceptional user experience.

Mature Technology:

With over ten years of experience in design, testing, and touchpad solutions, the capacitive touch sensing technology has been deployed in over 500 million devices.