

2550 ProfileTouch

Now Plug-and-Play!



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Designed for large-format display applications, the updated NextWindow 2550 touch-screen kit now has plug-and-play HID compliance, thinner borders and a lower profile height. The 2550 may also be purchased fully assembled on glass.

Key Benefits

- The low-component optical sensor uses a passive illumination system around the perimeter to improve reliability and simplify assembly.
- The 2550 kit includes all of the components required to assemble a touch screen including optical sensors, controller and passive border.
- The kits do not include glass—which significantly lowers transportation costs—and come in standard sizes that can be cut to fit custom sizes, reducing inventory risk.
- The 2550 can easily be integrated under the display bezel for enhanced industrial design and better performance with minimum profile height.



Additional Features

- > Sizes: 30" to 47"
- > Superior durability
- > Plug-and-play: no driver required
- > One-time four-point calibration with no drift
- > Compatible with any display technology
- > Supports Windows 7 multi-touch, Vista, XP, Mac OS X and Linux

Specifications

Available Size	30" to 47"
Glass	4 mm tempered glass (standard) if supplied by customer. Optional: NextWindow-supplied 4 mm tempered glass
Luminous Transmission	88-89% typical with clear glass
Touch Technology	NextWindow optical imaging (no special surface coatings)
Touch Method	Finger, gloved hand or any other pointer. Stylus minimum diameter 7 mm
Touch Activation Force	No pressure required
Touch Accuracy	± 3.0 mm over 95% of the touch-sensitive area
Touch Durability	Unlimited
Environment	Operating temperature: 0°C to 50°C; Storage temperature: -20°C to 65°C Operating humidity: 10% to 90% RH, non-condensing; Storage humidity: 10% to 90% RH, non-condensing
USB Reported Touch Resolution	32,767 x 32,767
Touch Screen Orientation	Landscape only
Touch Screen Profile	Profile height of optical sensors and passive border <6 mm from surface of glass substrate
Controller Board Dimensions	69 mm x 16 mm x 5 mm
Touch Functions	Mouse (click, drag, double-click, right-click) on all operating systems listed below; Touch digitizer (mouse plus flick and visual feedback) on Windows 7 and Vista; Multi-touch gestures on Windows 7
Power Supply	USB powered; 200 mA average while active
Calibration	Once-only, four-point calibration with no drift
Interface	USB 2.0 (full speed), HID compliant
Operating Systems	Windows 7, Vista and XP (32- and 64-bit); Mac OS X (10.4 and above); Linux (2.6x and above)
Product Options	The touch solution can be supplied as a kit of components (optical sensors, passive border and controller) ready to be assembled on a glass substrate or a fully assembled touch screen including glass
Warranty	2-year limited warranty

Specifications subject to change without notice



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