

Thinix Touch 6.3.6000

New Technologies and Feature Enhancements

March 14, 2011

Features at a Glance

- Speed Improvements in loading time and screen redrawing
- Automatic Virtual Keyboard faster and with improved functionality
- Device personalization on the PIN code screen
- Faster automatic rotation and window handling during rotation
- Auto-rotation lock/unlock technologies
- Startup and login via pin-code, including support for “Sleep” mode
- Improved OEM branding and customization capabilities
- Support for Windows flicks (quick gestures)
- Enhanced VDI operation and support for installation on Windows 2003 and Windows 2008 Server
- Users can now use either the Thinix Virtual Keyboard™ or Microsoft Tablet Keyboard.
- Immersive Mode now supports going back to Windows without disabling Immersive Mode (users can now boot directly to Thinix Touch, and may still return to Windows if desired)
- Various bug fixes

New Technologies and Feature Enhancement Details

Speed Improvements in loading time and screen redrawing

Thinix Touch now loads faster and consumes fewer resources. Improved screen refresh behavior to improve overall user experience.

Enhanced Thinix Virtual Keyboard:

- Greatly improved loading time for Thinix Virtual Keyboard
- Improved algorithms allow the keyboard to appear automatically in a greater number of applications.
- Right-click during Automatic Suspend mode. When in an application, and you close the automatic keyboard, you can now force the automatic keyboard to re-launch with a right click (on a touchscreen computer, this will generally be a “press and hold” method).

Device Personalization

Thinix Touch now presents owner information on the pin-code screen when the device is in ‘Immersive Mode’ and when pin-code protection is enabled. If someone finds your tablet PC, it can now be configured to display your name, address, phone, etc. on the pin-code screen. The background image on the pin-code screen is also now automatically set to use the same background image as the Thinix Touch desktop.



Automatic Rotation and Window Handling



- Enhanced auto-rotation capabilities:
- Greatly improved speed during auto-rotation events
- Improved window and onscreen keyboard handling during auto-rotation events
- Auto-rotation locking allows the user to enable/disable auto-rotation
- Blanks the screen during auto-rotation events, improving the user experience.

Enhanced and improved overall user experience, speed, and behavior during auto-rotation events. Window positions and keyboard operations are greatly improved. When an application is running full-screen with the keyboard open and the device is rotated, the same application will now remain full-screen and the keyboard will be open in the resulting orientation. Thinix Touch now has full auto-rotation for any possible orientation change +90 degrees, -90 degrees or 180 degrees with automatic handling of all windows and dynamic scaling. Thinix RotationLock™ technologies allow the end user to easily enable/disable auto-rotation on devices that support it using the Intel graphics chipsets.

Simplified Rotation Control

Using the dropdown, the user can easily enable/disable auto-rotation locking, and may then still manually rotate the screen when needed. For devices not supporting auto-rotation or which have a fixed orientation, these options can be hidden/shown by setting the appropriate option in the Thinix Touch Configuration utility.



Touch-Friendly Secure Device Startup

Make using your Windows 7-based tablet PC even easier by booting directly to the touch-friendly Thinix Touch user interface. Thinix Touch has now been enhanced to provide an initial pin-code protection screen. This allows you to optionally disable¹ the traditional password on Windows devices, and makes using your tablet PC more fun.



Details:

Thinix Touch includes an 'Immersive Mode' where the computer boots directly into Thinix Touch, bypassing the standard Windows shell. In this mode, the user can now configure pin-code protected operation (similar to locking a cell-phone). Whenever the device is put to sleep or locked (with Thinix Touch running) the device will prompt for a pin-code before allowing the user to access the device. The Windows password can be left blank, thereby eliminating the need for a conventional password¹.

Immersive Mode Startup Processing & Improvements




In Immersive Mode, Thinix Touch is set to act as the shell, replacing the standard Windows desktop. When in this mode, Thinix Touch will now process the Windows startup items configured in the registry and Windows startup folder from the Start Menu. This allows Thinix Touch to automatically start all of the normal applications which would normally be started by Windows when explorer.exe is the shell. The result is that end users can more easily enable Immersive Mode. Additionally added a new advanced feature which allows users to return to the Windows shell even when in Immersive Mode.



Windows 7 'Flick' (Gesture) Support

Added Windows 7 Flick handling to support Windows Gestures (Flicks).

A 'Flick' is a unidirectional pen or finger based gesture that requires the user to contact the digitizer in a quick flicking motion. A flick is characterized by high speed and a high degree of straightness. A flick is identified by its direction. Flicks can be made in eight directions corresponding to the cardinal and secondary compass directions ([http://msdn.microsoft.com/en-us/library/ms694980\(VS.85\).aspx](http://msdn.microsoft.com/en-us/library/ms694980(VS.85).aspx)). Thinix Touch supports three flick directions:

-  **Flick Forward** (a quick gesture to the left)
This causes Thinix Touch to display the next tab of applications to the right
-  **Flick Back** (a quick gesture to the right)
This causes Thinix Touch to display the next tab of applications to the left
-  **Flick Down** (a quick gesture down)
This is applicable for viewing the top menus and in single-tab view (explained below)

Note: Thinix Touch running on Windows 7 supports all eight flick directions for applications which support flicks. In other words, Thinix Touch doesn't restrict you from using applications which support flicks or multi-touch.

Single-Tab View

Added 'Single-Tab' view which is initiated automatically when the screen resolution is low or small screens are used and the available resolution cannot support the number of active tabs. So, if you have six visible tabs, and rotate a tablet PC to portrait orientation, Thinix Touch now automatically switches to single-tab view. Users can gesture down on the single tab to quickly navigate to any tab. This also allows user to select tabs that are locked (protected via pin-code) when in single-tab view.



Enhanced Timeout Actions

Thinix Touch can be configured to automatically Lock, Sleep, Logoff, or Reboot after a configurable inactivity timeout. The Sleep and Lock functions are now integrated with Thinix pin-code protection, allowing support for hardware based sleep or lock buttons.

Enhanced One-Click Exit

Users can select from shutdown options or can configure One-Click Exit, so with a single-touch the computer can Lock, Exit to Windows, Disconnect RDP, Sleep, Log Off, Restart, or Shutdown.

Sleep and Lock functions are now integrated with Thinix Touch PIN-code protection, so users can press a single button (sleep) which locks the computer and places it in a low power state. When the device is resumed, the user enters a PIN-code to get back into the system

Enhanced VDI Support

Windows 2003 and Windows 2008 Server support for both VDI and terminal services applications of Thinix Touch. This allows Thinix Touch to be installed in virtual environments. A whitepaper will be released outlining specific installation recommendations for use in multi-user environments such as on Microsoft Terminal Services or in Citrix environments.

OEM Customizations

Added support for customizable splash screen in Thinix Touch (in Application Mode) and Thinix Touch Configuration Tool. OEM's can now specify splash screen graphics which are customizable to the OEM.

Microsoft Tablet Input Panel Customizations

During setup, Thinix QuickSetup will include TIP (Microsoft Tablet Input Panel) detection technology which will ask permission to modify the default TIP behavior to make it more compatible with the Thinix Virtual Keyboard Technologies. There existed in previous versions, installations in which the Microsoft TIP keyboard was 'competing' with the Thinix Touch Virtual Keyboard. These modifications will make for a better out-of-box user experience.

Single Installer for Thinix Touch and Thinix MyMashup

OEM's now have a single installer which will install both Thinix Touch and Thinix MyMashup

Corrections and Bug Fixes:

- Corrected auto-position issues with WiFi and Battery Widgets during auto-rotation events
- Corrected issue with Thinix Fixup which caused an exit if an alternate application was specified in fixup.ini but the button was not in buttons.ini
- Corrected compatibility problems with Thinix ScreenCleaning utility when running on Windows 7.
- Corrected sound compatibility issue with Thinix OnScreen Keyboard and certain OS's.
- Corrected incompatibility between Thinix Virtual Keyboard and Thinix Quick Edit.
- Corrected crash issue in QuickEdit if an improper graphic location was specified.

- Corrected issue where the shell is returned to Windows upon un-installation.
- Corrected issue where Visual Customizations are returned to prior values during un-installation.
- Corrected height issue with Thinix TouchTools.

Note¹: *In high-security situations, Windows user accounts should always be password protected. However, Thinix Touch now provides pin-code protected operation which can either be used in addition to Windows password security or for common users where high security isn't required.*