



## **Application Note: Red Hat Linux 7.3 installation lock up w/ C&T 69030 video**

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DTI Product(s): All DTI CPU products with Chips & Technologies 69030 video chips. ([LBC8540](#), [LBC8940](#), [LBC8926](#), [CPC8629](#)).

Related Application: Red Hat Linux 7.3 (Xfree86 GUI version 4.2.x)

Failure Symptom: After loading Xfree86 GUI, system lock up happens after a short period of mouse cursor movement.

Solution procedure:

Install Red Hat Linux with Xfree86 GUI normally, selecting the Chips & Technology 69030 video chip. The system will lock up if the mouse is moved after the GUI is loaded. After the lock up, perform a hardware reset and log into the console as 'root' when the system reboots.

Edit the XF86Config-4 configuration file in the /etc/x11 directory.  
Under the "device" section, add the line:  
Option "SWcursor"

Save the file and run startx to test the GUI for correct operation.

Additional information on the configuration file parameters can be obtained at <http://www.xfree86.org/4.2.0/chips3.html>.

Questions or comments on this Application Note should be sent to [tech@dtims.com](mailto:tech@dtims.com).