

Toshiba PS/2 touchpad on 2.6.X not working along bottom and right sides

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From: Andrew Haninger (*ahaning_at_gmail.com*)

Date: 12/29/04

Date: Wed, 29 Dec 2004 10:11:52 -0500

To: linux-kernel@vger.kernel.org

Hello.

I recently installed Linux 2.6.10 on my Gateway Solo 2500 notebook after using it happily with 2.4.27 (aside from some ACPI sleeping issues). Since installing the new kernel, I've noticed an odd problem with the Toshiba PS/2 touchpad which is used as a cursor. If I move my finger left and right along the 'bottom' portion of the touchpad or up and down along the right side, there is no movement from the mouse cursor at all. This behavior shows up using gdm and XFree86. Running 'xev' produces no output when these sides are used. However, if I move my finger left-right along the top side or up-down along the left side, the cursor moves just fine. Tapping the pad to click in the non-working areas and moving the finger from outside of these areas and then into them, however, works fine.

It's almost as if the portion of the pad that is sensitive to movement has been shifted up and to the left (except that clicking in and dragging into this area works).

I think this might have something to do with the drag-lock function because if I move the cursor from, say, the center of the pad and down to the lower side, the cursor will begin to move downward when my finger gets into the portion of the pad that does not function 100%. (This is really only a wild-ass guess, though.)

I've tried killing gdm and loading up my old 2.4 kernels to be sure it's not something else. I've also tried kernels 2.6.5 and 2.6.0 and a clean 2.6.10 tree (without the acpi and swsusp2 patches that I want) to be sure that this isn't likely to be something that just cropped up recently. The old (good, working) behavior is found in a 2.4 kernel and some new (bad, faulty) behavior is found in the 2.6 kernels that I've tried. I've also tried booting with acpi=off to no avail.

I realize this problem may seem odd, but I've described it as best I can. I also realize that other people are having issues with pointing

Linux-Kernel: Toshiba PS/2 touchpad on 2.6.X not working along bottom and right sides

devices and keyboards, so this could just be a related problem that will be fixed when those others are fixed as well.

Thanks.

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-Andy

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