

Re: [opensuse] USB not working with openSuSE 10.2 final version (i.e. retail boxed version)

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Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2007-01/msg00897.html>

- *From:* Richard Pace <rpace@xxxxxxxxxxxxxxx>
 - *Date:* Sun, 7 Jan 2007 20:14:22 -0800
-

On Sunday 07 January 2007 20:11, you wrote:

On Sunday 07 January 2007 18:53, Marc Collin wrote:

Le dimanche 7 janvier 2007 16:21, Richard Pace a écrit :

I've reported this to Novell, bug report 231118, and also posted to KDE-Linux list with no response from KDE-Linux, and it doesn't appear that anyone at Novell has any reply yet to the problem report. I thought I'd check here if anyone has experienced this problem. I've installed SuSE 10.2 on a new HP Pavilion with AMD Athlon 64 X2 Dual. I had to use boot option ACPI=off in order to install. Otherwise, the boot hangs at "Starting udev...". After installation of 10.2, I still have to use ACPI=off (does not power off at shutdown either, but that's another problem).

Now for the problem. External USB drive is not recognized when plugged into USB 2.0 port. External drive has its own power supply. Also, USB memory stick is not recognized when plugged into USB port. I know the ports work, since I have Windows XP installed as dual boot, and Windows XP has no problem recognizing the devices.

There is no /proc/bus/usb defined.

lsusb shows no devices. lsmod shows usbcore installed along with

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ohci_hcd and ehci_hcd.

I have attached my startup log which shows some errors with ohci_hcd and ehci_hcd drivers. I'm convinced these errors are at the core of the problem. And from what I've, perhaps it is related to the fact that I can't boot with ACPI – I'm not an expert in kernel stuff and drivers, though. Specifically, these lines appear in the log:

```
<6>usbcore: registered new driver usbfs
<6>usbcore: registered new driver hub
....
<7>PCI: Setting latency timer of device 0000:00:10.1 to 64
<7>ohci_hcd: 2005 April 22 USB 1.1 'Open' Host Controller
(OHCI) Driver
(PCI) ....
<4>PCI: No IRQ known for interrupt pin A of device
0000:00:0b.0.
Probably buggy MP table. <3>ohci_hcd 0000:00:0b.0:
Found HC with no
IRQ. Check BIOS/PCI 0000:00:0b.0 setup! <3>ohci_hcd
0000:00:0b.0: init
0000:00:0b.0 fail, -19
<4>PCI: No IRQ known for interrupt pin B of device
0000:00:0b.1.
Probably buggy MP table. <3>ehci_hcd 0000:00:0b.1: Found
HC with no
IRQ. Check BIOS/PCI 0000:00:0b.1 setup! <3>ehci_hcd
0000:00:0b.1: init
0000:00:0b.1 fail, -19
```

There aren't any BIOS settings that will affect IRQs. It's an ASUS A8N-BR motherboard with Phoenix Bios from Sept 2006 (i.e. it's current). There is a USB Legacy Bios setting which is set to "AUTO". I've tried that with "DISABLE" and "ENABLE" with no effect.

I've tried several other boot options in different combinations with no effect: acpi_user_timer_override nomsi pci=routeirq acpi=oldboot noapic When I use "noapic", boot messages suggest using "pci=biosirq". However when I tried using "pci=biosirq", I get "biosirq

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unknown kernel
option" or something like that.

Any suggestions and/or comments appreciated.

Regards,
Richard

what is the hp model?

HP Slimline 7617c. Chipset is MCP51.

why brother buy one (hp 1540n) and all work fine without problem

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