

# PROBLEM: PS/2 keyboard does not work with 2.6.15

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg01522.html>

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  - *Date:* Thu, 5 Jan 2006 14:58:58 +0100
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Hi kernel-devels,

[1.]  
a keyboard that is connected to to PS/2 port does not work with kernel 2.6.15. That is to say that no action is seen at the login prompt if I enter any key.

[2.]  
I used PS/2 keyboards for a long time with kernels < 2.6.15 like 2.6.14.2, 2.6.13 or 2.6.11.10. I used "make oldconfig" to move the .config file form 2.6.14.2 to 2.6.15 and answered "no" to every question<sup>1</sup>

The keyboard is plugged the right way since I can walk around in the lilo menu before the kernel is being loaded. If I choose another kernel the PS/2 keyboard does work. I can connect to the pc with a running 2.6.15 from another pc using ssh. Everything looks normal, there are no strange errors in /var/log/syslog or from the output dmesg. I can also use the soundcard...

I also tried another keyboard that do work on kernels < 2.6.15 with no success.

I cannot tell if the PS/2 mouse does not work either since I cannot start X.

[3.]  
PS/2 keyboard, input

[4.] cat /proc/version  
Linux version 2.6.15-06.01.03 (root@xxxxxxxxxxxxxxxxxxxxxxxx)  
(gcc-Version 4.0.3 20051201 (prerelease) (Debian 4.0.2-5)) #1 PREEMPT  
Tue Jan 3 20:50:32 CET 2006

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[5.]  
2.6.14.2

[8.1] ver\_linux

If some fields are empty or look unusual you may have an old version.  
Compare to the current minimal requirements in Documentation/Changes.

Linux mars.bretschneidernet.de 2.6.15-06.01.03 #1 PREEMPT Tue Jan 3  
20:50:32 CET 2006 i686 GNU/Linux

Gnu C 4.0.3

Gnu make 3.81beta4

binutils 2.16.91

util-linux 2.12p

mount 2.12p

module-init-tools 3.2.2

e2fsprogs 1.38

reiserfsprogs line

reiser4progs line

xfsprogs 2.6.28

PPP 2.4.4b1

Linux C Library 2.3.5

Dynamic linker (ld) 2.3.5

Procps 3.1.14

Net-tools 1.60

Console-tools 0.2.3

Sh-utils 5.93

udev 079

Modules Loaded parport\_pc lp parport binfmt\_misc rfcomm l2cap

bluetooth ipt\_state ip\_conntrack nfnetlink iptable\_filter ip\_tables

nls\_iso8859\_1 nls\_cp437 vfat fat isofs it87 hwmon\_vid hwmon i2c\_isa

cryptoloop loop ppp\_deflate zlib\_deflate zlib\_inflate bsd\_comp

ppp\_generic slhc thermal processor snd\_emu10k1\_synth snd\_emux\_synth

snd\_seq\_virmidi snd\_seq\_midi\_emul snd\_seq\_oss snd\_seq\_midi

snd\_seq\_midi\_event snd\_seq snd\_emu10k1 snd\_rawmidi snd\_seq\_device

snd\_ac97\_codec snd\_pcm\_oss snd\_mixer\_oss snd\_pcm snd\_timer

snd\_ac97\_bus snd\_page\_alloc snd\_util\_mem snd\_hwdep ehci\_hcd ohci\_hcd

forcedeth usbcore i2c\_nforce2 i2c\_core

[other information are attached]

[8.7.]

The motherboard is a Gigabyte GA-K8NF-9 using the nforce4 chipset.

The CPU is an AMD64 that does only run in the 32bit mode.

Kind regards from Martin

[1] The .config files can be seen on

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<http://www.bretschneider.net.de/tmp/config-2.6.14.2> and

<http://www.bretschneider.net.de/tmp/config-2.6.15>

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<http://www.bretschneider.net.de> OpenPGP-key: 0x4EA52583

(o\_ (O\_ Philip R. Zimmermann:

//\ //\ If privacy is outlawed,

V\_/\_ V\_/\_ only outlaws will have privacy.

**Attachment:more information.txt.gz**

*Description:* GNU Zip compressed data