

# PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-08/8230.html>

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*From:* Stefan Winter ([mail\\_at\\_stefan-winter.de](mailto:mail_at_stefan-winter.de))

*Date:* 08/31/03

To: <[linux-kernel@vger.kernel.org](mailto:linux-kernel@vger.kernel.org)>

Date: Sun, 31 Aug 2003 12:50:10 +0200

Hello,

on my laptop, neither keyboard nor mouse are working. A very similar config on my desk machine works. Please see especially the bug report field [X.], I investigated the problem on other kernel versions.

[1.] One line summary of the problem: on my laptop, neither keyboard nor mouse are working

[2.] Full description of the problem/report: on my laptop, neither keyboard nor mouse are working. A very similar config on my desk machine works. Running a 2.4.x kernel on the laptop works. On 2.6.0-test4 serio0 reports to have found an AT keyboard as well as my Synaptics touchpad, but no reaction on input. The device is from Vobis and contains mostly VIA hardware (it is probably a rebadged Medion notebook)

[3.] Keywords (i.e., modules, networking, kernel): keyboard, serio, laptop

[4.] Kernel version (from /proc/version): Linux version 2.6.0-test4 (root@sunshine) (gcc version 3.3 20030226 (prerelease) (SuSE Linux)) #1 Sat Aug 30 21:43:59 CEST 2003

[7.] Environment: SuSE 8.2, all requirements from Documentation/Changes upgraded

[7.1.] Software (add the output of the ver\_linux script here):

Linux sunshine 2.6.0-test4 #1 Sat Aug 30 21:43:59 CEST 2003 i686 unknown unknown GNU/Linux

Gnu C 3.3  
Gnu make 3.80  
util-linux 2.11z  
mount 2.11z  
e2fsprogs 1.34  
jfsutils 1.1.1

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xfsprogs 2.3.9  
pcmcia–cs 3.2.3  
PPP 2.4.1  
isd4k–utils 3.2p3  
nfs–utils 1.0.1  
Linux C Library x 1 root root 1491599 Mar 14 00:33  
/lib/libc.so.6  
Dynamic linker (ldd) 2.3.2  
Linux C++ Library 5.0.3  
Procps 3.1.6  
Net–tools 1.60  
Kbd 1.06  
Sh–utils 4.5.8  
Modules Loaded parport\_pc lp parport snd\_via82xx snd\_pcm snd\_timer  
snd\_ac97\_codec snd\_page\_alloc snd\_mpu401\_uart snd\_rawmidi snd\_seq\_device snd  
sr\_mod sg ehci\_hcd ohci1394 ieee1394 via\_rhine mii crc32 orinoco\_cs ds  
pcmcia\_core orinoco hermes ide\_scsi ide\_cd cdrom

[7.2.] Processor information (from /proc/cpuinfo):

processor : 0  
vendor\_id : AuthenticAMD  
cpu family : 6  
model : 8  
model name : mobile AMD Athlon(tm) XP 2000+  
stepping : 1  
cpu MHz : 1659.002  
cache size : 256 KB  
fdiv\_bug : no  
hlt\_bug : no  
f00f\_bug : no  
coma\_bug : no  
fpu : yes  
fpu\_exception : yes  
cpuid level : 1  
wp : yes  
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca  
cmov pat pse36 mmx fxsr sse syscall mp mmxext 3dnowext 3dnow  
bogomips : 3268.60

[7.3.] Module information (from /proc/modules):

parport\_pc 25636 1 – Live 0xd088f000  
lp 8128 0 – Live 0xd07d2000  
parport 23456 2 parport\_pc,lp, Live 0xd07fe000  
snd\_via82xx 21664 0 – Live 0xd07d6000  
snd\_pcm 89380 1 snd\_via82xx, Live 0xd0808000  
snd\_timer 22532 1 snd\_pcm, Live 0xd07b4000  
snd\_ac97\_codec 51588 1 snd\_via82xx, Live 0xd07df000  
snd\_page\_alloc 9476 2 snd\_via82xx,snd\_pcm, Live 0xd076d000  
snd\_mpu401\_uart 6080 1 snd\_via82xx, Live 0xd0782000  
snd\_rawmidi 19584 1 snd\_mpu401\_uart, Live 0xd07bb000  
snd\_seq\_device 6856 1 snd\_rawmidi, Live 0xd0720000

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```
snd 41272 7
snd_via82xx,snd_pcm,snd_timer,snd_ac97_codec,snd_mpu401_uart,snd_rawmidi,snd
_seq_device, Live 0xd07c2000
sr_mod 13156 0 – Live 0xd0787000
sg 31064 0 – Live 0xd07ab000
ehci_hcd 22468 0 – Live 0xd075e000
ohci1394 32136 0 – Live 0xd078d000
ieee1394 71532 1 ohci1394, Live 0xd0798000
via_rhine 19400 0 – Live 0xd0765000
mii 4160 1 via_rhine, Live 0xd074b000
crc32 3904 1 via_rhine, Live 0xd0723000
orinoco_cs 6856 0 – Live 0xd0748000
ds 11140 1 orinoco_cs, Live 0xd0744000
pcmcia_core 63904 2 orinoco_cs,ds, Live 0xd0771000
orinoco 43468 1 orinoco_cs, Live 0xd0752000
hermes 8064 2 orinoco_cs,orinoco, Live 0xd0741000
ide_scsi 13056 0 – Live 0xd0725000
ide_cd 38532 0 – Live 0xd0736000
cdrom 35424 2 sr_mod,ide_cd, Live 0xd072c000
```

[7.4.] Loaded driver and hardware information (/proc/ioproports, /proc/iomem)

/proc/ioproports:

```
0000–001f : dma1
0020–0021 : pic1
0040–005f : timer
0060–006f : keyboard
0080–008f : dma page reg
00a0–00a1 : pic2
00c0–00df : dma2
00f0–00ff : fpu
0170–0177 : ide1
01f0–01f7 : ide0
0376–0376 : ide1
0378–037a : parport0
037b–037f : parport0
03c0–03df : vesafb
03f6–03f6 : ide0
0cf8–0cff : PCI conf1
1100–110f : 0000:00:11.1
  1100–1107 : ide0
  1108–110f : ide1
1200–121f : 0000:00:10.0
1300–131f : 0000:00:10.1
c000–dfff : PCI Bus #01
e100–e1ff : 0000:00:11.5
  e100–e1ff : VIA8233
e200–e2ff : 0000:00:11.6
e300–e3ff : 0000:00:12.0
  e300–e3ff : via-rhine
ff00–ff7f : 0000:00:0b.0
```

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```
/proc/iomem:
00000000-0009fbff : System RAM
0009fc00-0009ffff : reserved
000a0000-000bffff : Video RAM area
000e0000-000effff : Extension ROM
000f0000-000fffff : System ROM
00100000-0efeffff : System RAM
  00100000-002dbcf5 : Kernel code
  002dbcf6-0036c53f : Kernel data
0eff0000-0effffbf : ACPI Tables
0effffc0-0effffff : ACPI Non-volatile Storage
10000000-10000fff : 0000:00:09.0
90000000-9fffffff : PCI Bus #01
  90000000-97ffffff : 0000:01:00.0
  90000000-90efffff : vesafb
a0000000-a3ffffff : 0000:00:00.0
e0000000-efffffff : PCI Bus #01
  e0000000-e007ffff : 0000:01:00.0
f0000000-f0000fff : 0000:00:10.3
  f0000000-f0000fff : ehci_hcd
f0000100-f00001ff : 0000:00:12.0
  f0000100-f00001ff : via-rhine
fedff800-fedfffff : 0000:00:0b.0
  fedff800-fedfffff : ohci1394
fff80000-ffffffff : reserved
```

[7.5.] PCI information ('lspci -vvv' as root)

```
00:00.0 Host bridge: VIA Technologies, Inc. P/KN266 Host Bridge
  Subsystem: Mitac: Unknown device 8375
  Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR- FastB2B-
  Status: Cap+ 66Mhz+ UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort+ >SERR- <PERR-
  Latency: 8
  Region 0: Memory at a0000000 (32-bit, prefetchable) [size=64M]
  Capabilities: [a0] AGP version 2.0
    Status: RQ=32 Iso- ArqSz=0 Cal=0 SBA+ ITACoh- GART64-
HTrans- 64bit- FW- AGP3- Rate=x1,x2,x4
    Command: RQ=1 ArqSz=0 Cal=0 SBA- AGP- GART64- 64bit- FW-
Rate=x4
  Capabilities: [c0] Power Management version 2
    Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA
PME(D0-,D1-,D2-,D3hot-,D3cold-)
    Status: D0 PME-Enable- DSel=0 DScale=0 PME-
```

```
00:01.0 PCI bridge: VIA Technologies, Inc. VT8633 [Apollo Pro266 AGP]
(prog-if 00 [Normal decode])
```

```
  Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-
Stepping- SERR+ FastB2B-
  Status: Cap+ 66Mhz+ UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-
<TAbort- <MAbort+ >SERR- <PERR+
```

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Linux-Kernel: PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

Latency: 0

Bus: primary=00, secondary=01, subordinate=01, sec-latency=0

I/O behind bridge: 0000c000-0000dfff

Memory behind bridge: e0000000-efefffff

Prefetchable memory behind bridge: 90000000-9ffffff

BridgeCtl: Parity- SERR- NoISA- VGA+ MAbort- >Reset- FastB2B-

Capabilities: [80] Power Management version 2

Flags: PMEClk- DSI- D1+ D2- AuxCurrent=0mA

PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:09.0 CardBus bridge: ENE Technology Inc CB1410 Cardbus Controller

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 168, cache line size 08

Interrupt: pin A routed to IRQ 10

Region 0: Memory at 10000000 (32-bit, non-prefetchable) [size=4K]

Bus: primary=00, secondary=02, subordinate=05, sec-latency=176

Memory window 0: 00000000-00000000 (prefetchable)

Memory window 1: 00000000-00000000 (prefetchable)

I/O window 0: 00000000-00000003

I/O window 1: 00000000-00000003

BridgeCtl: Parity- SERR- ISA- VGA- MAbort- >Reset+ 16bInt+

PostWrite-

16-bit legacy interface ports at 0001

00:0b.0 FireWire (IEEE 1394): VIA Technologies, Inc. IEEE 1394 Host Controller (rev 80) (prog-if 10 [OHCI])

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping+ SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 32 (8000ns max), cache line size 08

Interrupt: pin A routed to IRQ 5

Region 0: Memory at fedff800 (32-bit, non-prefetchable) [size=2K]

Region 1: I/O ports at ff00 [size=128]

Capabilities: [50] Power Management version 2

Flags: PMEClk- DSI- D1- D2+ AuxCurrent=0mA

PME(D0-,D1-,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:10.0 USB Controller: VIA Technologies, Inc. USB (rev 80) (prog-if 00 [UHCI])

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

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<TAbort- <MAbort- >SERR- <PERR-

Latency: 32, cache line size 08

Interrupt: pin A routed to IRQ 10

Region 4: I/O ports at 1200 [size=32]

Capabilities: [80] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=375mA

PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:10.1 USB Controller: VIA Technologies, Inc. USB (rev 80) (prog-if 00 [UHCI])

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 32, cache line size 08

Interrupt: pin B routed to IRQ 10

Region 4: I/O ports at 1300 [size=32]

Capabilities: [80] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=375mA

PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:10.3 USB Controller: VIA Technologies, Inc. USB 2.0 (rev 82) (prog-if 20 [EHCI])

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV+ VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 32, cache line size 10

Interrupt: pin D routed to IRQ 11

Region 0: Memory at f0000000 (32-bit, non-prefetchable) [size=256]

Capabilities: [80] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=375mA

PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:11.0 ISA bridge: VIA Technologies, Inc. VT8235 ISA Bridge

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle+ MemWINV- VGASnoop- ParErr-

Stepping+ SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-

<TAbort- <MAbort- >SERR- <PERR-

Latency: 0

Capabilities: [c0] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA

PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

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00:11.1 IDE interface: VIA Technologies, Inc. VT82C586/B/686A/B PIPC Bus  
Master IDE (rev 06) (prog-if 8a [Master SecP PriP])  
Subsystem: Mitac: Unknown device 8375  
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-  
Stepping- SERR- FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort-  
<TAbort- <MAbort- >SERR- <PERR-  
Latency: 64  
Interrupt: pin A routed to IRQ 0  
Region 4: I/O ports at 1100 [size=16]  
Capabilities: [c0] Power Management version 2  
Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA  
PME(D0-,D1-,D2-,D3hot-,D3cold-)  
Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:11.5 Multimedia audio controller: VIA Technologies, Inc. VT8233 AC97  
Audio Controller (rev 50)  
Subsystem: Mitac: Unknown device 8375  
Control: I/O+ Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr-  
Stepping- SERR- FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-  
<TAbort- <MAbort- >SERR- <PERR-  
Interrupt: pin C routed to IRQ 5  
Region 0: I/O ports at e100 [size=256]  
Capabilities: [c0] Power Management version 2  
Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA  
PME(D0-,D1-,D2-,D3hot-,D3cold-)  
Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:11.6 Communication controller: VIA Technologies, Inc. Intel 537 [AC97  
Modem] (rev 80)  
Subsystem: Mitac: Unknown device 8375  
Control: I/O+ Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr-  
Stepping- SERR- FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-  
<TAbort- <MAbort- >SERR- <PERR-  
Interrupt: pin C routed to IRQ 5  
Region 0: I/O ports at e200 [size=256]  
Capabilities: [d0] Power Management version 2  
Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA  
PME(D0-,D1-,D2-,D3hot-,D3cold-)  
Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:12.0 Ethernet controller: VIA Technologies, Inc. VT6102 [Rhine-II] (rev  
74)  
Subsystem: Mitac: Unknown device 8375  
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-  
Stepping+ SERR- FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-  
<TAbort- <MAbort- >SERR- <PERR-  
Latency: 32 (750ns min, 2000ns max), cache line size 08

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Interrupt: pin A routed to IRQ 10

Region 0: I/O ports at e300 [size=256]

Region 1: Memory at f0000100 (32-bit, non-prefetchable) [size=256]

Capabilities: [40] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA

PME(D0+,D1+,D2+,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME+

01:00.0 VGA compatible controller: S3 Inc. [ProSavageDDR K4M266] (prog-if 00 [VGA])

Subsystem: Mitac: Unknown device 8375

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr-

Stepping- SERR- FastB2B-

Status: Cap+ 66Mhz+ UDF- FastB2B- ParErr- DEVSEL=medium >TAbort-  
<TAbort- <MAbort- >SERR- <PERR-

Latency: 64 (1000ns min, 63750ns max), cache line size 08

Interrupt: pin A routed to IRQ 10

Region 0: Memory at e0000000 (32-bit, non-prefetchable) [size=512K]

Region 1: Memory at 90000000 (32-bit, prefetchable) [size=128M]

Expansion ROM at 000c0000 [disabled] [size=64K]

Capabilities: [dc] Power Management version 2

Flags: PMEClk- DSI+ D1+ D2+ AuxCurrent=0mA

PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

Capabilities: [80] AGP version 2.0

Status: RQ=32 Iso- ArqSz=0 Cal=0 SBA- ITACoh- GART64-  
HTrans- 64bit- FW- AGP3- Rate=x4

Command: RQ=1 ArqSz=0 Cal=0 SBA- AGP- GART64- 64bit- FW-  
Rate=x4

[7.6.] SCSI information (from /proc/scsi/scsi)

Attached devices:

Host: scsi0 Channel: 00 Id: 00 Lun: 00

Vendor: QSI Model: CDRW/DVD SBW-241 Rev: VX09

Type: CD-ROM ANSI SCSI revision: 02

(ide-scsi)

[7.7.] Other information that might be relevant to the problem

(please look in /proc and include all information that you  
think to be relevant):

sunshine:/proc # cat interrupts

CPU0

0: 4574746 XT-PIC timer

1: 14 XT-PIC i8042

2: 0 XT-PIC cascade

5: 2 XT-PIC ohci1394, VIA8233

9: 5 XT-PIC acpi

10: 4029 XT-PIC eth0

11: 0 XT-PIC ehci\_hcd

12: 89 XT-PIC i8042

14: 5523 XT-PIC ide0

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15: 45 XT–PIC ide1  
NMI: 0  
LOC: 4570927  
ERR: 62338  
MIS: 0

[X.] Other notes, patches, fixes, workarounds:  
the interrupt count on INT1,CPU0 (see /proc/interrupts above) does not increase after key pressures. It looks like the interrupt from the keyboard isn't caught. There is an issue on 2.4.x kernels that may relate to that problem: after running the kernel and restarting it with "init 6", the BIOS warns about "No interrupts from keyboard 0" and the BIOS password entry field doesn't catch keypresses any more [this is only an issue with the vanilla kernel – SuSE 8.2's patched kernel is fine]. An "init 0" and re–poweron solves that issue in 2.4.x kernels. Maybe the 2.6. kernel encounters that phenomenon earlier.  
My .config is attached below.

Greetings,

Stefan Winter

.config below:

```
#  
# Automatically generated make config: don't edit  
#  
CONFIG_X86=y  
CONFIG_MMU=y  
CONFIG_UID16=y  
CONFIG_GENERIC_ISA_DMA=y  
  
#  
# Code maturity level options  
#  
CONFIG_EXPERIMENTAL=y  
# CONFIG_BROKEN is not set  
  
#  
# General setup  
#  
CONFIG_SWAP=y  
CONFIG_SYSVIPC=y  
# CONFIG_BSD_PROCESS_ACCT is not set  
CONFIG_SYSCTL=y  
CONFIG_LOG_BUF_SHIFT=14  
# CONFIG_IKCONFIG is not set  
# CONFIG_EMBEDDED is not set  
CONFIG_KALLSYMS=y  
CONFIG_FUTEX=y  
CONFIG_EPOLL=y
```

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Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
CONFIG_IOSCHED_NOOP=y
CONFIG_IOSCHED_AS=y
CONFIG_IOSCHED_DEADLINE=y

#
# Loadable module support
#
CONFIG_MODULES=y
CONFIG_MODULE_UNLOAD=y
CONFIG_MODULE_FORCE_UNLOAD=y
CONFIG_OBSOLETE_MODPARM=y
# CONFIG_MODVERSIONS is not set
CONFIG_KMOD=y

#
# Processor type and features
#
CONFIG_X86_PC=y
# CONFIG_X86_VOYAGER is not set
# CONFIG_X86_NUMAQ is not set
# CONFIG_X86_SUMMIT is not set
# CONFIG_X86_BIGSMP is not set
# CONFIG_X86_VISWS is not set
# CONFIG_X86_GENERICARCH is not set
# CONFIG_X86_ES7000 is not set
# CONFIG_M386 is not set
# CONFIG_M486 is not set
# CONFIG_M586 is not set
# CONFIG_M586TSC is not set
# CONFIG_M586MMX is not set
# CONFIG_M686 is not set
# CONFIG_MPENTIUMII is not set
# CONFIG_MPENTIUMIII is not set
# CONFIG_MPENTIUM4 is not set
# CONFIG_MK6 is not set
CONFIG_MK7=y
# CONFIG_MK8 is not set
# CONFIG_MELAN is not set
# CONFIG_MCRUSOE is not set
# CONFIG_MWINCHIP6 is not set
# CONFIG_MWINCHIP2 is not set
# CONFIG_MWINCHIP3D is not set
# CONFIG_MCYRIXIII is not set
# CONFIG_MVIAC3_2 is not set
# CONFIG_X86_GENERIC is not set
CONFIG_X86_CMPXCHG=y
CONFIG_X86_XADD=y
CONFIG_X86_L1_CACHE_SHIFT=6
CONFIG_RWSEM_XCHGADD_ALGORITHM=y
CONFIG_X86_WP_WORKS_OK=y
CONFIG_X86_INVLPG=y
```

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Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
CONFIG_X86_BSWAP=y
CONFIG_X86_POPAD_OK=y
CONFIG_X86_GOOD_APIC=y
CONFIG_X86_INTEL_USERCOPY=y
CONFIG_X86_USE_PPRO_CHECKSUM=y
CONFIG_X86_USE_3DNOW=y
# CONFIG_HUGETLB_PAGE is not set
# CONFIG_SMP is not set
CONFIG_PREEMPT=y
CONFIG_X86_UP_APIC=y
CONFIG_X86_UP_IOAPIC=y
CONFIG_X86_LOCAL_APIC=y
CONFIG_X86_IO_APIC=y
CONFIG_X86_TSC=y
CONFIG_X86_MCE=y
CONFIG_X86_MCE_NONFATAL=y
CONFIG_X86_MCE_P4THERMAL=y
# CONFIG_TOSHIBA is not set
# CONFIG_I8K is not set
# CONFIG_MICROCODE is not set
# CONFIG_X86_MSR is not set
# CONFIG_X86_CPUID is not set
# CONFIG_EDD is not set
CONFIG_NOHIGHMEM=y
# CONFIG_HIGHMEM4G is not set
# CONFIG_HIGHMEM64G is not set
# CONFIG_MATH_EMULATION is not set
# CONFIG_MTRR is not set
CONFIG_HAVE_DEC_LOCK=y

#
# Power management options (ACPI, APM)
#
CONFIG_PM=y
CONFIG_SOFTWARE_SUSPEND=y

#
# ACPI (Advanced Configuration and Power Interface) Support
#
CONFIG_ACPI_HT=y
CONFIG_ACPI=y
CONFIG_ACPI_BOOT=y
CONFIG_ACPI_SLEEP=y
CONFIG_ACPI_SLEEP_PROC_FS=y
CONFIG_ACPI_AC=y
CONFIG_ACPI_BATTERY=y
CONFIG_ACPI_BUTTON=y
CONFIG_ACPI_FAN=y
CONFIG_ACPI_PROCESSOR=y
CONFIG_ACPI_THERMAL=y
# CONFIG_ACPI_ASUS is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux-Kernel: PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

```
# CONFIG_ACPI_TOSHIBA is not set
# CONFIG_ACPI_DEBUG is not set
CONFIG_ACPI_BUS=y
CONFIG_ACPI_INTERPRETER=y
CONFIG_ACPI_EC=y
CONFIG_ACPI_POWER=y
CONFIG_ACPI_PCI=y
CONFIG_ACPI_SYSTEM=y

#
# APM (Advanced Power Management) BIOS Support
#
# CONFIG_APM is not set

#
# CPU Frequency scaling
#
CONFIG_CPU_FREQ=y
# CONFIG_CPU_FREQ_PROC_INTF is not set
# CONFIG_CPU_FREQ_GOV_USERSPACE is not set
CONFIG_CPU_FREQ_TABLE=y

#
# CPUFreq processor drivers
#
# CONFIG_X86_ACPI_CPUFREQ is not set
# CONFIG_X86_POWERNOW_K6 is not set
CONFIG_X86_POWERNOW_K7=y
# CONFIG_X86_GX_SUSPMOD is not set
# CONFIG_X86_SPEEDSTEP_ICH is not set
# CONFIG_X86_SPEEDSTEP_CENTRINO is not set
# CONFIG_X86_P4_CLOCKMOD is not set
# CONFIG_X86_LONGRUN is not set
# CONFIG_X86_LONGHAUL is not set

#
# Bus options (PCI, PCMCIA, EISA, MCA, ISA)
#
CONFIG_PCI=y
# CONFIG_PCI_GOBIOS is not set
# CONFIG_PCI_GODIRECT is not set
CONFIG_PCI_GOANY=y
CONFIG_PCI_BIOS=y
CONFIG_PCI_DIRECT=y
# CONFIG_PCI_LEGACY_PROC is not set
# CONFIG_PCI_NAMES is not set
CONFIG_ISA=y
# CONFIG_EISA is not set
# CONFIG_MCA is not set
# CONFIG_SCx200 is not set
CONFIG_HOTPLUG=y
```

PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# PCMCIA/CardBus support
#
CONFIG_PCMCIA=m
CONFIG_YENTA=m
CONFIG_CARDBUS=y
# CONFIG_I82092 is not set
# CONFIG_I82365 is not set
# CONFIG_TCIC is not set
CONFIG_PCMCIA_PROBE=y

#
# PCI Hotplug Support
#
# CONFIG_HOTPLUG_PCI is not set

#
# Executable file formats
#
CONFIG_KCORE_ELF=y
# CONFIG_KCORE_AOUT is not set
CONFIG_BINFMT_ELF=y
CONFIG_BINFMT_AOUT=m
CONFIG_BINFMT_MISC=m

#
# Generic Driver Options
#
CONFIG_FW_LOADER=m

#
# Memory Technology Devices (MTD)
#
# CONFIG_MTD is not set

#
# Parallel port support
#
CONFIG_PARPORT=m
CONFIG_PARPORT_PC=m
CONFIG_PARPORT_PC_CML1=m
# CONFIG_PARPORT_SERIAL is not set
CONFIG_PARPORT_PC_FIFO=y
# CONFIG_PARPORT_PC_SUPERIO is not set
# CONFIG_PARPORT_PC_PCMCIA is not set
# CONFIG_PARPORT_OTHER is not set
# CONFIG_PARPORT_1284 is not set

#
# Plug and Play support
#
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux-Kernel: PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

```
CONFIG_PNP=y
# CONFIG_PNP_DEBUG is not set

#
# Protocols
#
# CONFIG_ISAPNP is not set
# CONFIG_PNPBIOS is not set

#
# Block devices
#
# CONFIG_BLK_DEV_FD is not set
# CONFIG_BLK_DEV_XD is not set
# CONFIG_PARIDE is not set
# CONFIG_BLK_CPQ_DA is not set
# CONFIG_BLK_CPQ_CISS_DA is not set
# CONFIG_BLK_DEV_DAC960 is not set
# CONFIG_BLK_DEV_UMEM is not set
# CONFIG_BLK_DEV_LOOP is not set
# CONFIG_BLK_DEV_NBD is not set
# CONFIG_BLK_DEV_RAM is not set
# CONFIG_BLK_DEV_INITRD is not set
# CONFIG_LBD is not set

#
# ATA/ATAPI/MFM/RLL support
#
CONFIG_IDE=y
CONFIG_BLK_DEV_IDE=y

#
# Please see Documentation/ide.txt for help/info on IDE drives
#
# CONFIG_BLK_DEV_HD_IDE is not set
CONFIG_BLK_DEV_IDEDISK=y
CONFIG_IDEDISK_MULTI_MODE=y
# CONFIG_IDEDISK_STROKE is not set
# CONFIG_BLK_DEV_IDECS is not set
CONFIG_BLK_DEV_IDECD=m
# CONFIG_BLK_DEV_IDETAPE is not set
# CONFIG_BLK_DEV_IDEFLOPPY is not set
CONFIG_BLK_DEV_IDESCSI=m
# CONFIG_IDE_TASK_IOCTL is not set
CONFIG_IDE_TASKFILE_IO=y

#
# IDE chipset support/bugfixes
#
# CONFIG_BLK_DEV_CMD640 is not set
# CONFIG_BLK_DEV_IDEPNP is not set
```

PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

Linux-Kernel: PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

```
CONFIG_BLK_DEV_IDEPCI=y
CONFIG_IDEPCI_SHARE_IRQ=y
# CONFIG_BLK_DEV_OFFBOARD is not set
CONFIG_BLK_DEV_GENERIC=y
# CONFIG_BLK_DEV_OPTI621 is not set
# CONFIG_BLK_DEV_RZ1000 is not set
CONFIG_BLK_DEV_IDEDMA_PCI=y
# CONFIG_BLK_DEV_IDE_TCQ is not set
# CONFIG_BLK_DEV_IDEDMA_FORCED is not set
CONFIG_IDEDMA_PCI_AUTO=y
# CONFIG_IDEDMA_ONLYDISK is not set
# CONFIG_IDEDMA_PCI_WIP is not set
CONFIG_BLK_DEV_ADMA=y
# CONFIG_BLK_DEV_AEC62XX is not set
# CONFIG_BLK_DEV_ALI15X3 is not set
# CONFIG_BLK_DEV_AMD74XX is not set
# CONFIG_BLK_DEV_CMD64X is not set
# CONFIG_BLK_DEV_TRIFLEX is not set
# CONFIG_BLK_DEV_CY82C693 is not set
# CONFIG_BLK_DEV_CS5520 is not set
# CONFIG_BLK_DEV_CS5530 is not set
# CONFIG_BLK_DEV_HPT34X is not set
# CONFIG_BLK_DEV_HPT366 is not set
# CONFIG_BLK_DEV_SC1200 is not set
# CONFIG_BLK_DEV_PIIX is not set
# CONFIG_BLK_DEV_NS87415 is not set
# CONFIG_BLK_DEV_PDC202XX_OLD is not set
# CONFIG_BLK_DEV_PDC202XX_NEW is not set
# CONFIG_BLK_DEV_SVWKS is not set
# CONFIG_BLK_DEV_SIIMAGE is not set
# CONFIG_BLK_DEV_SIS5513 is not set
# CONFIG_BLK_DEV_SLC90E66 is not set
# CONFIG_BLK_DEV_TRM290 is not set
CONFIG_BLK_DEV_VIA82CXXX=y
# CONFIG_IDE_CHIPSETS is not set
CONFIG_BLK_DEV_IDEDMA=y
# CONFIG_IDEDMA_IVB is not set
CONFIG_IDEDMA_AUTO=y
# CONFIG_DMA_NONPCI is not set
# CONFIG_BLK_DEV_HD is not set

#
# SCSI device support
#
CONFIG_SCSI=y

#
# SCSI support type (disk, tape, CD-ROM)
#
# CONFIG_BLK_DEV_SD is not set
# CONFIG_CHR_DEV_ST is not set
```

PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
# CONFIG_CHR_DEV_OSST is not set
CONFIG_BLK_DEV_SR=m
# CONFIG_BLK_DEV_SR_VENDOR is not set
CONFIG_CHR_DEV_SG=m

#
# Some SCSI devices (e.g. CD jukebox) support multiple LUNs
#
# CONFIG_SCSI_MULTI_LUN is not set
# CONFIG_SCSI_REPORT_LUNS is not set
# CONFIG_SCSI_CONSTANTS is not set
# CONFIG_SCSI_LOGGING is not set

#
# SCSI low–level drivers
#
# CONFIG_BLK_DEV_3W_XXXX_RAID is not set
# CONFIG_SCSI_7000FASST is not set
# CONFIG_SCSI_ACARD is not set
# CONFIG_SCSI_AHA152X is not set
# CONFIG_SCSI_AHA1542 is not set
# CONFIG_SCSI_AACRAID is not set
# CONFIG_SCSI_AIC7XXX is not set
# CONFIG_SCSI_AIC7XXX_OLD is not set
# CONFIG_SCSI_AIC79XX is not set
# CONFIG_SCSI_DPT_I2O is not set
# CONFIG_SCSI_ADVANSYS is not set
# CONFIG_SCSI_IN2000 is not set
# CONFIG_SCSI_AM53C974 is not set
# CONFIG_SCSI_MEGARAID is not set
# CONFIG_SCSI_BUSLOGIC is not set
# CONFIG_SCSI_CPQFCTS is not set
# CONFIG_SCSI_DMX3191D is not set
# CONFIG_SCSI_DTC3280 is not set
# CONFIG_SCSI_EATA is not set
# CONFIG_SCSI_EATA_PIO is not set
# CONFIG_SCSI_FUTURE_DOMAIN is not set
# CONFIG_SCSI_GDTH is not set
# CONFIG_SCSI_GENERIC_NCR5380 is not set
# CONFIG_SCSI_GENERIC_NCR5380_MMIO is not set
# CONFIG_SCSI_IPS is not set
# CONFIG_SCSI_INITIO is not set
# CONFIG_SCSI_INIA100 is not set
# CONFIG_SCSI_PPA is not set
# CONFIG_SCSI_IMM is not set
# CONFIG_SCSI_NCR53C406A is not set
# CONFIG_SCSI_SYM53C8XX_2 is not set
# CONFIG_SCSI_SYM53C8XX is not set
# CONFIG_SCSI_PAS16 is not set
# CONFIG_SCSI_PCI2000 is not set
# CONFIG_SCSI_PCI2220I is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
# CONFIG_SCSI_PSI240I is not set
# CONFIG_SCSI_QLOGIC_FAS is not set
# CONFIG_SCSI_QLOGIC_ISP is not set
# CONFIG_SCSI_QLOGIC_FC is not set
# CONFIG_SCSI_QLOGIC_1280 is not set
# CONFIG_SCSI_SEAGATE is not set
# CONFIG_SCSI_SYM53C416 is not set
# CONFIG_SCSI_DC395x is not set
# CONFIG_SCSI_DC390T is not set
# CONFIG_SCSI_T128 is not set
# CONFIG_SCSI_U14_34F is not set
# CONFIG_SCSI_ULTRASTOR is not set
# CONFIG_SCSI_NSP32 is not set
# CONFIG_SCSI_DEBUG is not set

#
# PCMCIA SCSI adapter support
#
# CONFIG_PCMCIA_AHA152X is not set
# CONFIG_PCMCIA_FDOMAIN is not set
# CONFIG_PCMCIA_NINJA_SCSI is not set
# CONFIG_PCMCIA_QLOGIC is not set

#
# Old CD–ROM drivers (not SCSI, not IDE)
#
# CONFIG_CD_NO_IDESCSI is not set

#
# Multi–device support (RAID and LVM)
#
# CONFIG_MD is not set

#
# Fusion MPT device support
#

#
# IEEE 1394 (FireWire) support (EXPERIMENTAL)
#
CONFIG_IEEE1394=m

#
# Subsystem Options
#
# CONFIG_IEEE1394_VERBOSEDEBUG is not set
# CONFIG_IEEE1394_OUI_DB is not set

#
# Device Drivers
#
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# Texas Instruments PCILynx requires I2C bit–banging
#
CONFIG_IEEE1394_OHCI1394=m

#
# Protocol Drivers
#
# CONFIG_IEEE1394_VIDEO1394 is not set
# CONFIG_IEEE1394_SBP2 is not set
# CONFIG_IEEE1394_ETH1394 is not set
# CONFIG_IEEE1394_DV1394 is not set
# CONFIG_IEEE1394_RAWIO is not set
# CONFIG_IEEE1394_CMP is not set

#
# I2O device support
#
# CONFIG_I2O is not set

#
# Networking support
#
CONFIG_NET=y

#
# Networking options
#
CONFIG_PACKET=y
# CONFIG_PACKET_MMAP is not set
# CONFIG_NETLINK_DEV is not set
CONFIG_UNIX=y
# CONFIG_NET_KEY is not set
CONFIG_INET=y
CONFIG_IP_MULTICAST=y
# CONFIG_IP_ADVANCED_ROUTER is not set
# CONFIG_IP_PNP is not set
# CONFIG_NET_IPIP is not set
# CONFIG_NET_IPGRE is not set
# CONFIG_IP_MROUTE is not set
# CONFIG_ARPD is not set
# CONFIG_INET_ECN is not set
# CONFIG_SYN_COOKIES is not set
# CONFIG_INET_AH is not set
# CONFIG_INET_ESP is not set
# CONFIG_INET_IPCOMP is not set
# CONFIG_IPV6 is not set
# CONFIG_DECNET is not set
# CONFIG_BRIDGE is not set
# CONFIG_NETFILTER is not set
```

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# SCTP Configuration (EXPERIMENTAL)
#
CONFIG_IPV6_SCTP__=y
# CONFIG_IP_SCTP is not set
# CONFIG_ATM is not set
# CONFIG_VLAN_8021Q is not set
# CONFIG_LLC is not set
# CONFIG_X25 is not set
# CONFIG_LAPB is not set
# CONFIG_NET_DIVERT is not set
# CONFIG_ECONET is not set
# CONFIG_WAN_ROUTER is not set
# CONFIG_NET_FASTROUTE is not set
# CONFIG_NET_HW_FLOWCONTROL is not set

#
# QoS and/or fair queueing
#
# CONFIG_NET_SCHED is not set

#
# Network testing
#
# CONFIG_NET_PKTGEN is not set
CONFIG_NETDEVICES=y

#
# ARCnet devices
#
# CONFIG_ARCNET is not set
# CONFIG_DUMMY is not set
# CONFIG_BONDING is not set
# CONFIG_EQUALIZER is not set
# CONFIG_TUN is not set
# CONFIG_ETHERTAP is not set
# CONFIG_NET_SB1000 is not set

#
# Ethernet (10 or 100Mbit)
#
CONFIG_NET_ETHERNET=y
# CONFIG_MII is not set
# CONFIG_HAPPYMEAL is not set
# CONFIG_SUNGEM is not set
# CONFIG_NET_VENDOR_3COM is not set
# CONFIG_LANCE is not set
# CONFIG_NET_VENDOR_SMC is not set
# CONFIG_NET_VENDOR_RACAL is not set
```

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# Tulip family network device support
#
# CONFIG_NET_TULIP is not set
# CONFIG_AT1700 is not set
# CONFIG_DEPCA is not set
# CONFIG_HP100 is not set
# CONFIG_NET_ISA is not set
CONFIG_NET_PCI=y
# CONFIG_PCNET32 is not set
# CONFIG_AMD8111_ETH is not set
# CONFIG_ADAPTEC_STARFIRE is not set
# CONFIG_AC3200 is not set
# CONFIG_APRICOT is not set
# CONFIG_B44 is not set
# CONFIG_CS89x0 is not set
# CONFIG_DGRS is not set
# CONFIG_EEPRO100 is not set
# CONFIG_E100 is not set
# CONFIG_FEALNX is not set
# CONFIG_NATSEMI is not set
# CONFIG_NE2K_PCI is not set
# CONFIG_8139CP is not set
# CONFIG_8139TOO is not set
# CONFIG_SIS900 is not set
# CONFIG_EPIC100 is not set
# CONFIG_SUNDANCE is not set
# CONFIG_TLAN is not set
CONFIG_VIA_RHINE=m
# CONFIG_VIA_RHINE_MMIO is not set
# CONFIG_NET_POCKET is not set

#
# Ethernet (1000 Mbit)
#
# CONFIG_ACENIC is not set
# CONFIG_DL2K is not set
# CONFIG_E1000 is not set
# CONFIG_NS83820 is not set
# CONFIG_HAMACHI is not set
# CONFIG_YELLOWFIN is not set
# CONFIG_R8169 is not set
# CONFIG_SIS190 is not set
# CONFIG_SK98LIN is not set
# CONFIG_TIGON3 is not set

#
# Ethernet (10000 Mbit)
#
# CONFIG_IXGB is not set
# CONFIG_FDDI is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
# CONFIG_HIPPI is not set
# CONFIG_PLIP is not set
# CONFIG_PPP is not set
# CONFIG_SLIP is not set

#
# Wireless LAN (non-hamradio)
#
CONFIG_NET_RADIO=y

#
# Obsolete Wireless cards support (pre-802.11)
#
CONFIG_STRIP=m
CONFIG_ARLAN=m
CONFIG_WAVELAN=m
CONFIG_PCMCIA_WAVELAN=m
CONFIG_PCMCIA_NETWAVE=m

#
# Wireless 802.11 Frequency Hopping cards support
#
CONFIG_PCMCIA_RAYCS=m

#
# Wireless 802.11b ISA/PCI cards support
#
# CONFIG_AIRO is not set
CONFIG_HERMES=m
CONFIG_PLX_HERMES=m
CONFIG_TMD_HERMES=m
CONFIG_PCI_HERMES=m

#
# Wireless 802.11b Pcmcia/Cardbus cards support
#
CONFIG_PCMCIA_HERMES=m
CONFIG_AIRO_CS=m
CONFIG_PCMCIA_ATMEL=m
CONFIG_PCMCIA_WL3501=m
CONFIG_NET_WIRELESS=y

#
# Token Ring devices (depends on LLC=y)
#
# CONFIG_NET_FC is not set
# CONFIG_RCPCI is not set
# CONFIG_SHAPER is not set

#
# Wan interfaces
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#  
# CONFIG_WAN is not set  
  
#  
# PCMCIA network device support  
#  
# CONFIG_NET_PCMCIA is not set  
  
#  
# Amateur Radio support  
#  
# CONFIG_HAMRADIO is not set  
  
#  
# IrDA (infrared) support  
#  
# CONFIG_IRDA is not set  
  
#  
# ISDN subsystem  
#  
# CONFIG_ISDN_BOOL is not set  
  
#  
# Telephony Support  
#  
# CONFIG_PHONE is not set  
  
#  
# Input device support  
#  
CONFIG_INPUT=y  
  
#  
# Userland interfaces  
#  
CONFIG_INPUT_MOUSEDEV=y  
CONFIG_INPUT_MOUSEDEV_PSAUX=y  
CONFIG_INPUT_MOUSEDEV_SCREEN_X=1024  
CONFIG_INPUT_MOUSEDEV_SCREEN_Y=768  
# CONFIG_INPUT_JOYDEV is not set  
# CONFIG_INPUT_TSDEV is not set  
CONFIG_INPUT_EVDEV=y  
# CONFIG_INPUT_EVBUG is not set  
  
#  
# Input I/O drivers  
#  
# CONFIG_GAMEPORT is not set  
CONFIG_SOUND_GAMEPORT=y  
CONFIG_SERIO=y
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
CONFIG_SERIO_I8042=y
# CONFIG_SERIO_SERPORT is not set
# CONFIG_SERIO_CT82C710 is not set
# CONFIG_SERIO_PARKBD is not set
# CONFIG_SERIO_PCIPS2 is not set

#
# Input Device Drivers
#
CONFIG_INPUT_KEYBOARD=y
CONFIG_KEYBOARD_ATKBD=y
# CONFIG_KEYBOARD_SUNKBD is not set
# CONFIG_KEYBOARD_XTKBD is not set
# CONFIG_KEYBOARD_NEWTON is not set
CONFIG_INPUT_MOUSE=y
CONFIG_MOUSE_PS2=y
# CONFIG_MOUSE_SERIAL is not set
# CONFIG_MOUSE_INPORT is not set
# CONFIG_MOUSE_LOGIBM is not set
# CONFIG_MOUSE_PC110PAD is not set
# CONFIG_INPUT_JOYSTICK is not set
# CONFIG_INPUT_TOUCHSCREEN is not set
# CONFIG_INPUT_MISC is not set

#
# Character devices
#
CONFIG_VT=y
CONFIG_VT_CONSOLE=y
CONFIG_HW_CONSOLE=y
# CONFIG_SERIAL_NONSTANDARD is not set

#
# Serial drivers
#
CONFIG_SERIAL_8250=y
# CONFIG_SERIAL_8250_CONSOLE is not set
# CONFIG_SERIAL_8250_CS is not set
# CONFIG_SERIAL_8250_ACPI is not set
# CONFIG_SERIAL_8250_EXTENDED is not set

#
# Non–8250 serial port support
#
CONFIG_SERIAL_CORE=y
CONFIG_UNIX98_PTYS=y
CONFIG_UNIX98_PTY_COUNT=256
CONFIG_PRINTER=m
# CONFIG_LP_CONSOLE is not set
# CONFIG_PPDEV is not set
# CONFIG_TIPAR is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# I2C support
#
# CONFIG_I2C is not set

#
# I2C Hardware Sensors Mainboard support
#

#
# I2C Hardware Sensors Chip support
#
# CONFIG_I2C_SENSOR is not set

#
# Mice
#
# CONFIG_BUSMOUSE is not set
# CONFIG_QIC02_TAPE is not set

#
# IPMI
#
# CONFIG_IPMI_HANDLER is not set

#
# Watchdog Cards
#
# CONFIG_WATCHDOG is not set
CONFIG_HW_RANDOM=m
# CONFIG_NVRAM is not set
CONFIG_RTC=m
# CONFIG_GEN_RTC is not set
# CONFIG_DTLK is not set
# CONFIG_R3964 is not set
# CONFIG_APPLICOM is not set
# CONFIG_SONYPI is not set

#
# Ftape, the floppy tape device driver
#
# CONFIG_FTAPE is not set
CONFIG_AGP=y
# CONFIG_AGP_ALI is not set
# CONFIG_AGP_ATI is not set
# CONFIG_AGP_AMD is not set
# CONFIG_AGP_AMD_8151 is not set
# CONFIG_AGP_INTEL is not set
# CONFIG_AGP_NVIDIA is not set
# CONFIG_AGP_SIS is not set
# CONFIG_AGP_SWORKS is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
CONFIG_AGP_VIA=m
# CONFIG_DRM is not set

#
# PCMCIA character devices
#
# CONFIG_SYNCLINK_CS is not set
# CONFIG_MWAVE is not set
# CONFIG_RAW_DRIVER is not set
# CONFIG_HANGCHECK_TIMER is not set

#
# Multimedia devices
#
# CONFIG_VIDEO_DEV is not set

#
# Digital Video Broadcasting Devices
#
# CONFIG_DVB is not set

#
# File systems
#
CONFIG_EXT2_FS=y
# CONFIG_EXT2_FS_XATTR is not set
CONFIG_EXT3_FS=y
CONFIG_EXT3_FS_XATTR=y
# CONFIG_EXT3_FS_POSIX_ACL is not set
# CONFIG_EXT3_FS_SECURITY is not set
CONFIG_JBD=y
# CONFIG_JBD_DEBUG is not set
CONFIG_FS_MBCACHE=y
# CONFIG_REISERFS_FS is not set
# CONFIG_JFS_FS is not set
# CONFIG_XFS_FS is not set
# CONFIG_MINIX_FS is not set
# CONFIG_ROMFS_FS is not set
# CONFIG_QUOTA is not set
# CONFIG_AUTOFS_FS is not set
CONFIG_AUTOFS4_FS=y

#
# CD–ROM/DVD Filesystems
#
CONFIG_ISO9660_FS=y
CONFIG_JOLIET=y
# CONFIG_ZISOFS is not set
# CONFIG_UDF_FS is not set
```

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# DOS/FAT/NT Filesystems
#
CONFIG_FAT_FS=m
CONFIG_MSDOS_FS=m
CONFIG_VFAT_FS=m
# CONFIG_NTFS_FS is not set

#
# Pseudo filesystems
#
CONFIG_PROC_FS=y
# CONFIG_DEVFS_FS is not set
CONFIG_DEVPTS_FS=y
# CONFIG_DEVPTS_FS_XATTR is not set
# CONFIG_TMPFS is not set
CONFIG_RAMFS=y

#
# Miscellaneous filesystems
#
# CONFIG_ADFS_FS is not set
# CONFIG_AFFS_FS is not set
# CONFIG_HFS_FS is not set
# CONFIG_BEFS_FS is not set
# CONFIG_BFS_FS is not set
# CONFIG_EFS_FS is not set
# CONFIG_CRAMFS is not set
# CONFIG_VXFS_FS is not set
# CONFIG_HPFS_FS is not set
# CONFIG_QNX4FS_FS is not set
# CONFIG_SYSV_FS is not set
# CONFIG_UFS_FS is not set

#
# Network File Systems
#
CONFIG_NFS_FS=y
# CONFIG_NFS_V3 is not set
# CONFIG_NFS_V4 is not set
CONFIG_NFSD=y
# CONFIG_NFSD_V3 is not set
# CONFIG_NFSD_TCP is not set
CONFIG_LOCKD=y
CONFIG_EXPORTFS=y
CONFIG_SUNRPC=y
# CONFIG_SUNRPC_GSS is not set
# CONFIG_SMB_FS is not set
# CONFIG_CIFS is not set
# CONFIG_NCP_FS is not set
# CONFIG_CODA_FS is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
# CONFIG_INTERMEZZO_FS is not set
# CONFIG_AFS_FS is not set

#
# Partition Types
#
# CONFIG_PARTITION_ADVANCED is not set
CONFIG_MSDOS_PARTITION=y
CONFIG_NLS=y

#
# Native Language Support
#
CONFIG_NLS_DEFAULT="iso8859-1"
CONFIG_NLS_CODEPAGE_437=y
# CONFIG_NLS_CODEPAGE_737 is not set
# CONFIG_NLS_CODEPAGE_775 is not set
# CONFIG_NLS_CODEPAGE_850 is not set
# CONFIG_NLS_CODEPAGE_852 is not set
# CONFIG_NLS_CODEPAGE_855 is not set
# CONFIG_NLS_CODEPAGE_857 is not set
# CONFIG_NLS_CODEPAGE_860 is not set
# CONFIG_NLS_CODEPAGE_861 is not set
# CONFIG_NLS_CODEPAGE_862 is not set
# CONFIG_NLS_CODEPAGE_863 is not set
# CONFIG_NLS_CODEPAGE_864 is not set
# CONFIG_NLS_CODEPAGE_865 is not set
# CONFIG_NLS_CODEPAGE_866 is not set
# CONFIG_NLS_CODEPAGE_869 is not set
# CONFIG_NLS_CODEPAGE_936 is not set
# CONFIG_NLS_CODEPAGE_950 is not set
# CONFIG_NLS_CODEPAGE_932 is not set
# CONFIG_NLS_CODEPAGE_949 is not set
# CONFIG_NLS_CODEPAGE_874 is not set
# CONFIG_NLS_ISO8859_8 is not set
# CONFIG_NLS_CODEPAGE_1250 is not set
# CONFIG_NLS_CODEPAGE_1251 is not set
CONFIG_NLS_ISO8859_1=y
# CONFIG_NLS_ISO8859_2 is not set
# CONFIG_NLS_ISO8859_3 is not set
# CONFIG_NLS_ISO8859_4 is not set
# CONFIG_NLS_ISO8859_5 is not set
# CONFIG_NLS_ISO8859_6 is not set
# CONFIG_NLS_ISO8859_7 is not set
# CONFIG_NLS_ISO8859_9 is not set
# CONFIG_NLS_ISO8859_13 is not set
# CONFIG_NLS_ISO8859_14 is not set
# CONFIG_NLS_ISO8859_15 is not set
# CONFIG_NLS_KOI8_R is not set
# CONFIG_NLS_KOI8_U is not set
# CONFIG_NLS_UTF8 is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# Graphics support
#
CONFIG_FB=y
# CONFIG_FB_CIRRUS is not set
# CONFIG_FB_PM2 is not set
# CONFIG_FB_CYBER2000 is not set
# CONFIG_FB_IMSTT is not set
# CONFIG_FB_VGA16 is not set
CONFIG_FB_VESA=y
CONFIG_VIDEO_SELECT=y
# CONFIG_FB_HGA is not set
# CONFIG_FB_RIVA is not set
# CONFIG_FB_MATROX is not set
# CONFIG_FB_RADEON is not set
# CONFIG_FB_ATY128 is not set
# CONFIG_FB_ATY is not set
# CONFIG_FB_SIS is not set
# CONFIG_FB_NEOMAGIC is not set
# CONFIG_FB_3DFX is not set
# CONFIG_FB_VOODOO1 is not set
# CONFIG_FB_TRIDENT is not set
# CONFIG_FB_PM3 is not set
# CONFIG_FB_VIRTUAL is not set

#
# Console display driver support
#
CONFIG_VGA_CONSOLE=y
# CONFIG_MDA_CONSOLE is not set
CONFIG_DUMMY_CONSOLE=y
CONFIG_FRAMEBUFFER_CONSOLE=y
CONFIG_PCI_CONSOLE=y
# CONFIG FONTS is not set
CONFIG_FONT_8x8=y
CONFIG_FONT_8x16=y

#
# Logo configuration
#
CONFIG_LOGO=y
CONFIG_LOGO_LINUX_MONO=y
CONFIG_LOGO_LINUX_VGA16=y
CONFIG_LOGO_LINUX_CLUT224=y

#
# Sound
#
CONFIG_SOUND=m
```

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
#
# Advanced Linux Sound Architecture
#
CONFIG_SND=m
CONFIG_SND_SEQUENCER=m
# CONFIG_SND_SEQ_DUMMY is not set
# CONFIG_SND_OSSEMUL is not set
# CONFIG_SND_RTCTIMER is not set
# CONFIG_SND_VERBOSE_PRINTK is not set
# CONFIG_SND_DEBUG is not set

#
# Generic devices
#
CONFIG_SND_DUMMY=m
# CONFIG_SND_VIRMIDI is not set
# CONFIG_SND_MTPAV is not set
# CONFIG_SND_SERIAL_U16550 is not set
# CONFIG_SND_MPU401 is not set

#
# ISA devices
#
# CONFIG_SND_AD1848 is not set
# CONFIG_SND_CS4231 is not set
# CONFIG_SND_CS4232 is not set
# CONFIG_SND_CS4236 is not set
# CONFIG_SND_ES1688 is not set
# CONFIG_SND_ES18XX is not set
# CONFIG_SND_GUSCLASSIC is not set
# CONFIG_SND_GUSEXTREME is not set
# CONFIG_SND_GUSMAX is not set
# CONFIG_SND_INTERWAVE is not set
# CONFIG_SND_INTERWAVE_STB is not set
# CONFIG_SND_OPTI92X_AD1848 is not set
# CONFIG_SND_OPTI92X_CS4231 is not set
# CONFIG_SND_OPTI93X is not set
# CONFIG_SND_SB8 is not set
# CONFIG_SND_SB16 is not set
# CONFIG_SND_SBAWE is not set
# CONFIG_SND_WAVEFRONT is not set
# CONFIG_SND_CMI8330 is not set
# CONFIG_SND_OPL3SA2 is not set
# CONFIG_SND_SGALAXY is not set
# CONFIG_SND_SSCAPE is not set

#
# PCI devices
#
# CONFIG_SND_ALI5451 is not set
# CONFIG_SND_AZT3328 is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
# CONFIG_SND_CS46XX is not set
# CONFIG_SND_CS4281 is not set
# CONFIG_SND_EMU10K1 is not set
# CONFIG_SND_KORG1212 is not set
# CONFIG_SND_NM256 is not set
# CONFIG_SND_RME32 is not set
# CONFIG_SND_RME96 is not set
# CONFIG_SND_RME9652 is not set
# CONFIG_SND_HDSP is not set
# CONFIG_SND_TRIDENT is not set
# CONFIG_SND_YMFPCI is not set
# CONFIG_SND_ALS4000 is not set
# CONFIG_SND_CMIPCI is not set
# CONFIG_SND_ENS1370 is not set
# CONFIG_SND_ENS1371 is not set
# CONFIG_SND_ES1938 is not set
# CONFIG_SND_ES1968 is not set
# CONFIG_SND_MAESTRO3 is not set
# CONFIG_SND_FM801 is not set
# CONFIG_SND_ICE1712 is not set
# CONFIG_SND_ICE1724 is not set
# CONFIG_SND_INTEL8X0 is not set
# CONFIG_SND_SONICVIBES is not set
CONFIG_SND_VIA82XX=m
# CONFIG_SND_VX222 is not set

#
# ALSA USB devices
#
# CONFIG_SND_USB_AUDIO is not set

#
# PCMCIA devices
#
# CONFIG_SND_VXPOCKET is not set
# CONFIG_SND_VXP440 is not set

#
# Open Sound System
#
# CONFIG_SOUND_PRIME is not set

#
# USB support
#
CONFIG_USB=y
# CONFIG_USB_DEBUG is not set

#
# Miscellaneous USB options
#
```

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Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
CONFIG_USB_DEVICEFS=y
# CONFIG_USB_BANDWIDTH is not set
# CONFIG_USB_DYNAMIC_MINORS is not set

#
# USB Host Controller Drivers
#
CONFIG_USB_EHCI_HCD=m
# CONFIG_USB_OHCI_HCD is not set
CONFIG_USB_UHCI_HCD=m

#
# USB Device Class drivers
#
# CONFIG_USB_AUDIO is not set
# CONFIG_USB_BLUETOOTH_TTY is not set
# CONFIG_USB_MIDI is not set
# CONFIG_USB_ACM is not set
CONFIG_USB_PRINTER=m
CONFIG_USB_STORAGE=m
# CONFIG_USB_STORAGE_DEBUG is not set
# CONFIG_USB_STORAGE_DATAFAB is not set
# CONFIG_USB_STORAGE_FREECOM is not set
# CONFIG_USB_STORAGE_ISD200 is not set
# CONFIG_USB_STORAGE_DPCM is not set
# CONFIG_USB_STORAGE_HP8200e is not set
# CONFIG_USB_STORAGE_SDDR09 is not set
# CONFIG_USB_STORAGE_SDDR55 is not set
# CONFIG_USB_STORAGE_JUMPHOT is not set

#
# USB Human Interface Devices (HID)
#
# CONFIG_USB_HID is not set

#
# USB HID Boot Protocol drivers
#
# CONFIG_USB_KBD is not set
# CONFIG_USB_MOUSE is not set
# CONFIG_USB_AIPTEK is not set
# CONFIG_USB_WACOM is not set
# CONFIG_USB_KBTAB is not set
# CONFIG_USB_POWERMATE is not set
# CONFIG_USB_XPAD is not set

#
# USB Imaging devices
#
# CONFIG_USB_MDC800 is not set
# CONFIG_USB_SCANNER is not set
```

PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

Linux–Kernel: PROBLEM: no keyboard and mouse on 2.6.0–test4 (notebook)

```
# CONFIG_USB_MICROTEK is not set
# CONFIG_USB_HPUSBSCSI is not set

#
# USB Multimedia devices
#
# CONFIG_USB_DABUSB is not set

#
# Video4Linux support is needed for USB Multimedia device support
#

#
# USB Network adaptors
#
# CONFIG_USB_AX8817X is not set
# CONFIG_USB_CATC is not set
# CONFIG_USB_KAWETH is not set
# CONFIG_USB_PEGASUS is not set
# CONFIG_USB_RTL8150 is not set
# CONFIG_USB_USBNET is not set

#
# USB port drivers
#
# CONFIG_USB_USS720 is not set

#
# USB Serial Converter support
#
# CONFIG_USB_SERIAL is not set

#
# USB Miscellaneous drivers
#
# CONFIG_USB_TIGL is not set
# CONFIG_USB_AUERSWALD is not set
# CONFIG_USB_RIO500 is not set
# CONFIG_USB_BRLVGER is not set
# CONFIG_USB_LCD is not set
# CONFIG_USB_TEST is not set
# CONFIG_USB_GADGET is not set

#
# Bluetooth support
#
# CONFIG_BT is not set

#
# Profiling support
#
```

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Linux-Kernel: PROBLEM: no keyboard and mouse on 2.6.0-test4 (notebook)

```
# CONFIG_PROFILING is not set

#
# Kernel hacking
#
# CONFIG_DEBUG_KERNEL is not set
CONFIG_DEBUG_SPINLOCK_SLEEP=y
# CONFIG_FRAME_POINTER is not set
CONFIG_X86_EXTRA_IRQS=y
CONFIG_X86_FIND_SMP_CONFIG=y
CONFIG_X86_MPPARSE=y

#
# Security options
#
# CONFIG_SECURITY is not set

#
# Cryptographic options
#
# CONFIG_CRYPT0 is not set

#
# Library routines
#
CONFIG_CRC32=m
CONFIG_X86_BIOS_REBOOT=y
```

—  
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