

# Linux 2.6.5-rc1

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-03/4072.html>

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**Date:** 03/16/04

Date: Tue, 16 Mar 2004 22:38:21 +0000  
To: linux-kernel@vger.kernel.org

Hello,

Oops:

I am attaching the hand written oops, with my .config, lspci and dmesg output for you further investigation. I had this during kernel compilation.

Subodh

Unable to handle kernel paging request at virtual address 00100104

\*pde = 00000000

Oops: 0002 [#1]

PREEMPT

CPU: 0

EIP: 0060[<c02b50c9>] Not tainted

EFLAGS: 00010047 (2.6.5-rc1)

EIP is at hpsb\_packet\_sent+0x29/0xa0

eax: 00100100 ebx: dc3c0224 ecx: 00000001 edx: 00200200

esi: c17c8000 edi: dc3c0224 ebp: da97df4c esp: da97df44

ds: 007b es: 007b ss: 0068

Stack: c17c9fa0 00000001 da97df7c c02c3854 c17cd800 dd4bf700 da97df84 e1ba57d8

c17c9fcc 00000292 c17c9e68 00000000 c04c97c8 0000000a da97df88 c0124683

00000001 da97dfa0 c0124494 00000046 da97c000 0000000a 00000500 da97dfbc

Call trace:

[<c02c3854>] dma\_trm\_tasklet+0x94/0x1a0

[<e1ba57d8>] snd\_intel8x0\_interrupt+0x98/0x220 [snd\_intel8x0]

[<c0124683>] tasklet\_action+0x43/0x70

[<c0124494>] do\_softirq+0xa4/0xb0

[<c010b70a>] do\_IRQ+0xfa/0x130

[<c0109bb8>] common\_interrupt+0x18/0x20

Code: 89 50 04 89 02 89 d8 c7 03 00 01 10 00 c7 43 04 00 02 20 00

<0>Kernel panic: Fatal exception in interrupt

In interrupt handler - not syncing

ksymoops 2.4.9 on i686 2.6.5-rc1. Options used

```
-V (specified)
-k /proc/ksyms (default)
-l /proc/modules (default)
-o /lib/modules/2.6.5-rc1/ (default)
-m /boot/System.map-2.6.5-rc1 (specified)
```

Error (regular\_file): read\_ksyms stat /proc/ksyms failed

No modules in ksyms, skipping objects

No ksyms, skipping lsmmod

Unable to handle kernel paging request at virtual address 00100104

\*pde = 00000000

Oops: 0002 [#1]

CPU: 0

EIP: 0060[<c02b50c9>] Not tainted

Using defaults from ksymoops -t elf32-i386 -a i386

EFLAGS: 00010047 (2.6.5-rc1)

eax: 00100100 ebx: dc3c0224 ecx: 00000001 edx: 00200200

esi: c17c8000 edi: dc3c0224 ebp: da97df4c esp: da97df44

ds: 007b es: 007b ss: 0068

Stack: c17c9fa0 00000001 da97df7c c02c3854 c17cd800 dd4bf700 da97df84 e1ba57d8

c17c9fcc 00000292 c17c9e68 00000000 c04c97c8 0000000a da97df88 c0124683

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Code: 89 50 04 89 02 89 d8 c7 03 00 01 10 00 c7 43 04 00 02 20 00

>>EIP; c02b50c9 <hpsb\_packet\_sent+29/a0> <=====

>>eax; 00100100 <\_\_crc\_lock\_may\_read+8614b/156edf>

>>ebx; dc3c0224 <\_\_crc\_insert\_resource+26f78/3eb77>

>>edx; 00200200 <\_\_crc\_inet\_release+2f36c/3776ba>

>>esi; c17c8000 <\_\_crc\_skb\_copy\_datagram+54632/1b9ac3>

>>edi; dc3c0224 <\_\_crc\_insert\_resource+26f78/3eb77>

>>ebp; da97df4c <\_\_crc\_nmi\_watchdog+55638/42da79>

>>esp; da97df44 <\_\_crc\_nmi\_watchdog+55630/42da79>

Trace; c02c3854 <dma\_trm\_tasklet+94/1a0>

Trace; e1ba57d8 <\_\_crc\_scsi\_mode\_sense+348aaa/4eeaf>

Trace; c0124683 <tasklet\_action+43/70>

Trace; c0124494 <do\_softirq+a4/b0>

Trace; c010b70a <do\_IRQ+fa/130>

Trace; c0109bb8 <common\_interrupt+18/20>

Linux-Kernel: Linux 2.6.5-rc1

```
Code; c02b50c9 <hpsb_packet_sent+29/a0>
00000000 <_EIP>:
Code; c02b50c9 <hpsb_packet_sent+29/a0> <=====
 0: 89 50 04 mov %edx,0x4(%eax) <=====
Code; c02b50cc <hpsb_packet_sent+2c/a0>
 3: 89 02 mov %eax,(%edx)
Code; c02b50ce <hpsb_packet_sent+2e/a0>
 5: 89 d8 mov %ebx,%eax
Code; c02b50d0 <hpsb_packet_sent+30/a0>
 7: c7 03 00 01 10 00 movl $0x100100,(%ebx)
Code; c02b50d6 <hpsb_packet_sent+36/a0>
 d: c7 43 04 00 02 20 00 movl $0x200200,0x4(%ebx)
```

<0>Kernel panic: Fatal exception in interrupt

1 error issued. Results may not be reliable.

Linux version 2.6.5-rc1 (root@subbu-gentoo.uk.org) (gcc version 3.3.3 20040217 (Gentoo Linux 3.3.3, proplince-3.3-7)) #3 Tue Mar 16 18:44:10 GMT 2004

BIOS-provided physical RAM map:

```
BIOS-e820: 0000000000000000 - 000000000009f800 (usable)
BIOS-e820: 000000000009f800 - 00000000000a0000 (reserved)
BIOS-e820: 00000000000e0000 - 0000000000100000 (reserved)
BIOS-e820: 0000000000100000 - 000000001ff70000 (usable)
BIOS-e820: 000000001ff70000 - 000000001ff7b000 (ACPI data)
BIOS-e820: 000000001ff7b000 - 000000001ff80000 (ACPI NVS)
BIOS-e820: 000000001ff80000 - 0000000020000000 (reserved)
BIOS-e820: 00000000ff800000 - 00000000ffc00000 (reserved)
BIOS-e820: 00000000fff00000 - 0000000100000000 (reserved)
```

511MB LOWMEM available.

On node 0 totalpages: 130928

DMA zone: 4096 pages, LIFO batch:1

Normal zone: 126832 pages, LIFO batch:16

HighMem zone: 0 pages, LIFO batch:1

DMI present.

ACPI: RSDP (v000 ACER ) @ 0x000f60c0

ACPI: RSDT (v001 ACER Cardinal 0x20021230 LTP 0x00000000) @ 0x1ff74c20

ACPI: FADT (v001 ACER Cardinal 0x20021230 PTL 0x0000001e) @ 0x1ff7af64

ACPI: BOOT (v001 ACER Cardinal 0x20021230 LTP 0x00000001) @ 0x1ff7afd8

ACPI: DSDT (v001 ACER Cardinal 0x20021230 MSFT 0x0100000d) @ 0x00000000

ACPI: PM-Timer IO Port: 0x1008

Built 1 zonelists

Kernel command line: root=/dev/hda8 devfs=mount elevator=as video=radeonfb vga=0x31B

Local APIC disabled by BIOS -- reenabling.

Found and enabled local APIC!

Initializing CPU#0

PID hash table entries: 2048 (order 11: 16384 bytes)

Detected 1299.015 MHz processor.

Using pmtmr for high-res timesource

Console: colour dummy device 80x25  
Memory: 513712k/523712k available (2490k kernel code, 9232k reserved, 1172k data, 164k init, 0k highmem)  
Checking if this processor honours the WP bit even in supervisor mode... Ok.  
Calibrating delay loop... 2572.28 BogoMIPS  
Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)  
Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)  
Mount-cache hash table entries: 512 (order: 0, 4096 bytes)  
CPU: After generic identify, caps: a7e9fbbf 00000000 00000000 00000000  
CPU: After vendor identify, caps: a7e9fbbf 00000000 00000000 00000000  
CPU: L1 I cache: 32K, L1 D cache: 32K  
CPU: L2 cache: 1024K  
CPU: After all inits, caps: a7e9fbbf 00000000 00000000 00000040  
Intel machine check architecture supported.  
Intel machine check reporting enabled on CPU#0.  
CPU: Intel(R) Pentium(R) M processor 1300MHz stepping 05  
Enabling fast FPU save and restore... done.  
Enabling unmasked SIMD FPU exception support... done.  
Checking 'hlt' instruction... OK.  
POSIX conformance testing by UNIFIX  
enabled ExtINT on CPU#0  
ESR value before enabling vector: 00000000  
ESR value after enabling vector: 00000000  
Using local APIC timer interrupts.  
calibrating APIC timer ...  
..... CPU clock speed is 1298.0696 MHz.  
..... host bus clock speed is 99.0899 MHz.  
NET: Registered protocol family 16  
PCI: PCI BIOS revision 2.10 entry at 0xfd732, last bus=2  
PCI: Using configuration type 1  
mtrr: v2.0 (20020519)  
ACPI: Subsystem revision 20040311  
ACPI: IRQ9 SCI: Edge set to Level Trigger.  
ACPI: Interpreter enabled  
ACPI: Using PIC for interrupt routing  
ACPI: PCI Root Bridge [PCI0] (00:00)  
PCI: Probing PCI hardware (bus 00)  
PCI: Ignoring BAR0-3 of IDE controller 0000:00:1f.1  
Transparent bridge - 0000:00:1e.0  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.\_PRT]  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.AGP.\_PRT]  
ACPI: PCI Interrupt Link [LNKA] (IRQs \*10)  
ACPI: PCI Interrupt Link [LNKB] (IRQs \*10)  
ACPI: PCI Interrupt Link [LNKC] (IRQs \*10)  
ACPI: PCI Interrupt Link [LNKD] (IRQs \*5)  
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 7 9 11 12)  
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 9 11 12)  
ACPI: PCI Interrupt Link [LNKG] (IRQs 10)  
ACPI: PCI Interrupt Link [LNKH] (IRQs \*10)  
ACPI: Embedded Controller [EC0] (gpe 29)  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.HUB.\_PRT]

ACPI: Power Resource [PFN0] (off)  
ACPI: Power Resource [PFN1] (off)  
Linux Plug and Play Support v0.97 (c) Adam Belay  
PnPBIOS: Scanning system for PnP BIOS support...  
PnPBIOS: Found PnP BIOS installation structure at 0xc00f6150  
PnPBIOS: PnP BIOS version 1.0, entry 0xf0000:0xa99e, dseg 0x400  
pnp: 00:0b: ioport range 0x4d0-0x4d1 has been reserved  
pnp: 00:0b: ioport range 0x1000-0x105f has been reserved  
pnp: 00:0b: ioport range 0x1060-0x107f has been reserved  
pnp: 00:0b: ioport range 0x1180-0x11bf has been reserved  
PnPBIOS: 18 nodes reported by PnP BIOS; 18 recorded by driver  
SCSI subsystem initialized  
drivers/usb/core/usb.c: registered new driver usbfs  
drivers/usb/core/usb.c: registered new driver hub  
ACPI: PCI Interrupt Link [LNKA] enabled at IRQ 10  
ACPI: PCI Interrupt Link [LNKD] enabled at IRQ 5  
ACPI: PCI Interrupt Link [LNKC] enabled at IRQ 10  
ACPI: PCI Interrupt Link [LNKH] enabled at IRQ 10  
ACPI: PCI Interrupt Link [LNKB] enabled at IRQ 10  
ACPI: PCI Interrupt Link [LNKE] enabled at IRQ 10  
PCI: Using ACPI for IRQ routing  
PCI: if you experience problems, try using option 'pci=noacpi' or even 'acpi=off'  
radeonfb: Invalid ROM signature 0 should be 0xaa55  
radeonfb: Retrieved PLL infos from BIOS  
radeonfb: Reference=27.00 MHz (RefDiv=12) Memory=250.00 Mhz, System=200.00 MHz  
radeonfb: Monitor 1 type LCD found  
radeonfb: EDID probed  
radeonfb: Monitor 2 type no found  
radeonfb: panel ID string: AUO  
radeonfb: detected LVDS panel size from BIOS: 1400x1050  
radeonfb: BIOS provided dividers will be used  
radeonfb: Power Management enabled for Mobility chipsets  
radeonfb: ATI Radeon Lf DDR SGRAM 64 MB  
Simple Boot Flag at 0x37 set to 0x1  
speedstep-centrino: found "Intel(R) Pentium(R) M processor 1300MHz": max frequency: 1300000kHz  
ikconfig 0.7 with /proc/config\*  
devfs: 2004-01-31 Richard Gooch (rgooch@atnf.csiro.au)  
devfs: boot\_options: 0x1  
NTFS driver 2.1.6 [Flags: R/O].  
udf: registering filesystem  
Initializing Cryptographic API  
ACPI: AC Adapter [ACAD] (on-line)  
ACPI: Battery Slot [BAT1] (battery present)  
ACPI: Battery Slot [BAT2] (battery absent)  
ACPI: Power Button (FF) [PWRF]  
ACPI: Lid Switch [LID]  
ACPI: Sleep Button (CM) [SLPB]  
ACPI: Fan [FAN0] (off)  
ACPI: Fan [FAN1] (off)  
ACPI: Processor [CPU0] (supports C1 C2 C3)  
ACPI: Thermal Zone [THRM] (52 C)

```
isapnp: Scanning for PnP cards...
isapnp: No Plug & Play device found
Console: switching to colour frame buffer device 175x65
Real Time Clock Driver v1.12
Linux agpgart interface v0.100 (c) Dave Jones
agpgart: Detected an Intel 855PM Chipset.
agpgart: Maximum main memory to use for agp memory: 439M
agpgart: AGP aperture is 256M @ 0xe0000000
[drm] Initialized radeon 1.9.0 20020828 on minor 0
Serial: 8250/16550 driver $Revision: 1.90 $ 8 ports, IRQ sharing disabled
ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
RAMDISK driver initialized: 16 RAM disks of 4096K size 1024 blocksize
loop: loaded (max 8 devices)
b44.c:v0.92 (Nov 4, 2003)
eth0: Broadcom 4400 10/100BaseT Ethernet 00:c0:9f:24:b3:e9
PPP generic driver version 2.4.2
PPP Deflate Compression module registered
PPP BSD Compression module registered
NET: Registered protocol family 24
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
ICH4: IDE controller at PCI slot 0000:00:1f.1
PCI: Enabling device 0000:00:1f.1 (0005 -> 0007)
ICH4: chipset revision 3
ICH4: not 100% native mode: will probe irqs later
   ide0: BM-DMA at 0x1860-0x1867, BIOS settings: hda:DMA, hdb:pio
   ide1: BM-DMA at 0x1868-0x186f, BIOS settings: hdc:DMA, hdd:pio
hda: IC25N040ATCS04-0, ATA DISK drive
Using anticipatory io scheduler
ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
hdc: UJDA740 DVD/CDRW, ATAPI CD/DVD-ROM drive
ide1 at 0x170-0x177,0x376 on irq 15
hda: max request size: 128KiB
hda: 78140160 sectors (40007 MB) w/1768KiB Cache, CHS=65535/16/63, UDMA(100)
/dev/ide/host0/bus0/target0/lun0: p1 p2 p3 p4 < p5 p6 p7 p8 p9 >
hdc: ATAPI 24X DVD-ROM CD-R/RW drive, 2048kB Cache, UDMA(33)
Uniform CD-ROM driver Revision: 3.20
ieee1394: Initialized config rom entry `ip1394'
ohci1394: $Rev: 1172 $ Ben Collins <bcollins@debian.org>
ohci1394: fw-host0: OHCI-1394 1.1 (PCI): IRQ=[10] MMIO=[d0209000-d02097ff] Max Packet=[2048]
sbp2: $Rev: 1170 $ Ben Collins <bcollins@debian.org>
ehci_hcd 0000:00:1d.7: EHCI Host Controller
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: irq 10, pci mem e188d000
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 1
PCI: cache line size of 32 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: USB 2.0 enabled, EHCI 1.00, driver 2003-Dec-29
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 6 ports detected
USB Universal Host Controller Interface driver v2.2
uhci_hcd 0000:00:1d.0: UHCI Host Controller
```

PCI: Setting latency timer of device 0000:00:1d.0 to 64  
uhci\_hcd 0000:00:1d.0: irq 10, io base 00001800  
uhci\_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 2  
hub 2-0:1.0: USB hub found  
hub 2-0:1.0: 2 ports detected  
uhci\_hcd 0000:00:1d.1: UHCI Host Controller  
PCI: Setting latency timer of device 0000:00:1d.1 to 64  
uhci\_hcd 0000:00:1d.1: irq 5, io base 00001820  
uhci\_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 3  
hub 3-0:1.0: USB hub found  
hub 3-0:1.0: 2 ports detected  
uhci\_hcd 0000:00:1d.2: UHCI Host Controller  
PCI: Setting latency timer of device 0000:00:1d.2 to 64  
uhci\_hcd 0000:00:1d.2: irq 10, io base 00001840  
uhci\_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 4  
hub 4-0:1.0: USB hub found  
hub 4-0:1.0: 2 ports detected  
drivers/usb/core/usb.c: registered new driver usblp  
drivers/usb/class/usblp.c: v0.13: USB Printer Device Class driver  
Initializing USB Mass Storage driver...  
drivers/usb/core/usb.c: registered new driver usb-storage  
USB Mass Storage support registered.  
drivers/usb/core/usb.c: registered new driver hid  
drivers/usb/input/hid-core.c: v2.0:USB HID core driver  
drivers/usb/core/usb.c: registered new driver speedtch  
mice: PS/2 mouse device common for all mice  
input: PC Speaker  
serio: i8042 AUX port at 0x60,0x64 irq 12  
Synaptics Touchpad, model: 1  
Firmware: 5.8  
180 degree mounted touchpad  
Sensor: 29  
new absolute packet format  
Touchpad has extended capability bits  
-> 4 multi-buttons, i.e. besides standard buttons  
-> multifinger detection  
-> palm detection  
input: SynPS/2 Synaptics TouchPad on isa0060/serio1  
serio: i8042 KBD port at 0x60,0x64 irq 1  
input: AT Translated Set 2 keyboard on isa0060/serio0  
i2c /dev entries driver  
NET: Registered protocol family 2  
IP: routing cache hash table of 4096 buckets, 32Kbytes  
TCP: Hash tables configured (established 32768 bind 65536)  
NET: Registered protocol family 1  
NET: Registered protocol family 17  
NET: Registered protocol family 8  
NET: Registered protocol family 20  
PM: Reading pmdisk image.  
PM: Resume from disk failed.  
ACPI: (supports S0 S3 S4 S5)

found reiserfs format "3.6" with standard journal  
ieee1394: Host added: ID:BUS[0-00:1023] GUID[00c09f00000a5e53]  
ieee1394: Node added: ID:BUS[0-01:1023] GUID[0010b92000e4f18d]  
ieee1394: The root node is not cycle master capable; selecting a new root node and resetting...  
ieee1394: Node changed: 0-01:1023 -> 0-00:1023  
ieee1394: Node changed: 0-00:1023 -> 0-01:1023  
scsi0 : SCSI emulation for IEEE-1394 SBP-2 Devices  
Reiserfs journal params: device hda8, size 8192, journal first block 18, max trans len 1024, max batch 900,  
max commit age 30, max trans age 30  
reiserfs: checking transaction log (hda8) for (hda8)  
usb 3-1: new low speed USB device using address 2  
Using r5 hash to sort names  
VFS: Mounted root (reiserfs filesystem) readonly.  
Mounted devfs on /dev  
Freeing unused kernel memory: 164k freed  
input: USB HID v1.10 Mouse [Logitech USB Receiver] on usb-0000:00:1d.1-1  
usb 3-2: new full speed USB device using address 3  
drivers/usb/class/usblp.c: usblp0: USB Bidirectional printer dev 3 if 0 alt 0 proto 2 vid 0x03F0 pid 0x7204  
ieee1394: sbp2: Logged into SBP-2 device  
ieee1394: sbp2: Node 0-00:1023: Max speed [S400] - Max payload [2048]  
Vendor: Maxtor Model: 5000DV Rev: 0100  
Type: Direct-Access ANSI SCSI revision: 06  
SCSI device sda: 320171008 512-byte hdwr sectors (163928 MB)  
sda: asking for cache data failed  
sda: assuming drive cache: write through  
/dev/scsi/host0/bus0/target1/lun0: p1  
Attached scsi disk sda at scsi0, channel 0, id 1, lun 0  
Attached scsi generic sg0 at scsi0, channel 0, id 1, lun 0, type 0  
usb 2-1: new full speed USB device using address 2  
Adding 1044184k swap on /dev/hda6. Priority:-1 extents:1  
found reiserfs format "3.6" with standard journal  
Reiserfs journal params: device hda9, size 8192, journal first block 18, max trans len 1024, max batch 900,  
max commit age 30, max trans age 30  
reiserfs: checking transaction log (hda9) for (hda9)  
Using r5 hash to sort names  
found reiserfs format "3.6" with standard journal  
Reiserfs journal params: device sda1, size 8192, journal first block 18, max trans len 1024, max batch 900,  
max commit age 30, max trans age 30  
reiserfs: checking transaction log (sda1) for (sda1)  
Using r5 hash to sort names  
PCI: Setting latency timer of device 0000:00:1f.5 to 64  
intel8x0\_measure\_ac97\_clock: measured 49476 usecs  
intel8x0: clocking to 48000  
found reiserfs format "3.6" with standard journal  
Reiserfs journal params: device hda7, size 8192, journal first block 18, max trans len 1024, max batch 900,  
max commit age 30, max trans age 30  
reiserfs: checking transaction log (hda7) for (hda7)  
Using r5 hash to sort names

Linux-Kernel: Linux 2.6.5-rc1

0000:00:00.0 Host bridge: Intel Corp. 82855PM Processor to I/O Controller (rev 03)

Subsystem: Acer Incorporated [ALI]: Unknown device 001f

Flags: bus master, fast devsel, latency 0

Memory at e0000000 (32-bit, prefetchable)

Capabilities: [e4] #09 [f104]

Capabilities: [a0] AGP version 2.0

0000:00:01.0 PCI bridge: Intel Corp. 82855PM Processor to AGP Controller (rev 03) (prog-if 00 [Normal decode])

Flags: bus master, 66Mhz, fast devsel, latency 96

Bus: primary=00, secondary=01, subordinate=01, sec-latency=64

I/O behind bridge: 00003000-00003fff

Memory behind bridge: d0100000-d01fffff

Prefetchable memory behind bridge: d8000000-dfffffff

Expansion ROM at 00003000 [disabled] [size=4K]

0000:00:1d.0 USB Controller: Intel Corp. 82801DB USB (Hub #1) (rev 03) (prog-if 00 [UHCI])

Subsystem: Acer Incorporated [ALI]: Unknown device 001f

Flags: bus master, medium devsel, latency 0, IRQ 10

I/O ports at 1800 [size=32]

0000:00:1d.1 USB Controller: Intel Corp. 82801DB USB (Hub #2) (rev 03) (prog-if 00 [UHCI])

Subsystem: Acer Incorporated [ALI]: Unknown device 001f

Flags: bus master, medium devsel, latency 0, IRQ 5

I/O ports at 1820 [size=32]

0000:00:1d.2 USB Controller: Intel Corp. 82801DB USB (Hub #3) (rev 03) (prog-if 00 [UHCI])

Subsystem: Acer Incorporated [ALI]: Unknown device 001f

Flags: bus master, medium devsel, latency 0, IRQ 10

I/O ports at 1840 [size=32]

0000:00:1d.7 USB Controller: Intel Corp. 82801DB USB2 (rev 03) (prog-if 20 [EHCI])

Subsystem: Acer Incorporated [ALI]: Unknown device 001f

Flags: bus master, medium devsel, latency 0, IRQ 10

Memory at d0000000 (32-bit, non-prefetchable)

Capabilities: [50] Power Management version 2

Capabilities: [58] #0a [2080]

0000:00:1e.0 PCI bridge: Intel Corp. 82801BAM/CAM PCI Bridge (rev 83) (prog-if 00 [Normal decode])

Flags: bus master, fast devsel, latency 0

Bus: primary=00, secondary=02, subordinate=02, sec-latency=64

I/O behind bridge: 00004000-00004fff

Memory behind bridge: d0200000-d05fffff

0000:00:1f.0 ISA bridge: Intel Corp. 82801DBM LPC Interface Controller (rev 03)

Flags: bus master, medium devsel, latency 0

0000:00:1f.1 IDE interface: Intel Corp. 82801DBM Ultra ATA Storage Controller (rev 03) (prog-if 8a [Master SecP PriP])

Subsystem: Acer Incorporated [ALI]: Unknown device 001f

Flags: bus master, medium devsel, latency 0, IRQ 10

I/O ports at <unassigned>  
I/O ports at <unassigned>  
I/O ports at <unassigned>  
I/O ports at <unassigned>  
I/O ports at 1860 [size=16]  
Memory at 20000000 (32-bit, non-prefetchable) [size=1K]

0000:00:1f.3 SMBus: Intel Corp. 82801DB/DBM SMBus Controller (rev 03)  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: medium devsel, IRQ 10  
I/O ports at 1880 [size=32]

0000:00:1f.5 Multimedia audio controller: Intel Corp. 82801DB AC'97 Audio Controller (rev 03)  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: bus master, medium devsel, latency 0, IRQ 10  
I/O ports at 1c00  
I/O ports at 18c0 [size=64]  
Memory at d0000c00 (32-bit, non-prefetchable) [size=512]  
Memory at d0000800 (32-bit, non-prefetchable) [size=256]  
Capabilities: [50] Power Management version 2

0000:00:1f.6 Modem: Intel Corp. 82801DB AC'97 Modem Controller (rev 03) (prog-if 00 [Generic])  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: medium devsel, IRQ 10  
I/O ports at 2400  
I/O ports at 2000 [size=128]  
Capabilities: [50] Power Management version 2

0000:01:00.0 VGA compatible controller: ATI Technologies Inc Radeon R250 Lf [Radeon Mobility 9000 M9] (rev 01) (prog-if 00 [VGA])  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: bus master, stepping, fast Back2Back, 66Mhz, medium devsel, latency 66, IRQ 10  
Memory at d8000000 (32-bit, prefetchable)  
I/O ports at 3000 [size=256]  
Memory at d0100000 (32-bit, non-prefetchable) [size=64K]  
Capabilities: [58] AGP version 2.0  
Capabilities: [50] Power Management version 2

0000:02:02.0 Ethernet controller: Broadcom Corporation BCM4401 100Base-T (rev 01)  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: bus master, fast devsel, latency 64, IRQ 5  
Memory at d0204000 (32-bit, non-prefetchable)  
Capabilities: [40] Power Management version 2

0000:02:04.0 Network controller: Intel Corp. PRO/Wireless LAN 2100 3B Mini PCI Adapter (rev 04)  
Subsystem: Intel Corp.: Unknown device 2527  
Flags: bus master, medium devsel, latency 64, IRQ 10  
Memory at d0206000 (32-bit, non-prefetchable)  
Capabilities: [dc] Power Management version 2

Linux-Kernel: Linux 2.6.5-rc1

0000:02:06.0 CardBus bridge: O2 Micro, Inc.: Unknown device 7114 (rev 20)  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: bus master, stepping, slow devsel, latency 64, IRQ 10  
Memory at d0207000 (32-bit, non-prefetchable)  
Bus: primary=02, secondary=03, subordinate=06, sec-latency=176  
Memory window 0: d0400000-d04ff000 (prefetchable)  
Memory window 1: d0300000-d03ff000 (prefetchable)  
I/O window 0: 00004400-000044ff  
I/O window 1: 00004000-000040ff  
16-bit legacy interface ports at 0001

0000:02:06.1 CardBus bridge: O2 Micro, Inc.: Unknown device 7114 (rev 20)  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: stepping, slow devsel, IRQ 10  
Memory at 20001000 (32-bit, non-prefetchable) [disabled]  
Bus: primary=02, secondary=07, subordinate=0a, sec-latency=176  
I/O window 0: 00000000-00000003 [disabled]  
I/O window 1: 00000000-00000003 [disabled]  
16-bit legacy interface ports at 0001

0000:02:06.2 System peripheral: O2 Micro, Inc.: Unknown device 7110  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: slow devsel, IRQ 10  
Memory at d0208000 (32-bit, non-prefetchable)  
Capabilities: [a0] Power Management version 2

0000:02:07.0 FireWire (IEEE 1394): Texas Instruments TSB43AB21 IEEE-1394a-2000 Controller (PHY/Link) (prog-if 10 [OHCI])  
Subsystem: Acer Incorporated [ALI]: Unknown device 001f  
Flags: bus master, medium devsel, latency 64, IRQ 10  
Memory at d0209000 (32-bit, non-prefetchable)  
Memory at d0200000 (32-bit, non-prefetchable) [size=16K]  
Capabilities: [44] Power Management version 2

```
#  
# 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_CLEAN_COMPILE=y  
# CONFIG_STANDALONE is not set
```

```
CONFIG_BROKEN_ON_SMP=y

#
# General setup
#
CONFIG_SWAP=y
CONFIG_SYSVIPC=y
# CONFIG_BSD_PROCESS_ACCT is not set
CONFIG_SYSCTL=y
CONFIG_LOG_BUF_SHIFT=14
CONFIG_HOTPLUG=y
CONFIG_IKCONFIG=y
CONFIG_IKCONFIG_PROC=y
# CONFIG_EMBEDDED is not set
CONFIG_KALLSYMS=y
CONFIG_FUTEX=y
CONFIG_EPOLL=y
CONFIG_IOSCHED_NOOP=y
CONFIG_IOSCHED_AS=y
CONFIG_IOSCHED_DEADLINE=y
# CONFIG_CC_OPTIMIZE_FOR_SIZE is not set

#
# Loadable module support
#
CONFIG_MODULES=y
CONFIG_MODULE_UNLOAD=y
CONFIG_MODULE_FORCE_UNLOAD=y
CONFIG_OBSOLETE_MODPARM=y
CONFIG_MODVERSIONS=y
CONFIG_KMOD=y

#
# Processor type and features
#
CONFIG_X86_PC=y
# CONFIG_X86_ELAN is not set
# 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_MPENTIUMIII is not set
```

```
# CONFIG_MPENTIUMIII is not set
CONFIG_MPENTIUMM=y
# CONFIG_MPENTIUM4 is not set
# CONFIG_MK6 is not set
# CONFIG_MK7 is not set
# CONFIG_MK8 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=y
CONFIG_X86_CMPXCHG=y
CONFIG_X86_XADD=y
CONFIG_X86_L1_CACHE_SHIFT=7
CONFIG_RWSEM_XCHGADD_ALGORITHM=y
CONFIG_X86_WP_WORKS_OK=y
CONFIG_X86_INVLPG=y
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_HPET_TIMER=y
CONFIG_HPET_EMULATE_RTC=y
# 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 is not set
# CONFIG_X86_MCE_P4THERMAL is not set
# 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=y
# CONFIG_EFI is not set
CONFIG_HAVE_DEC_LOCK=y
CONFIG_REGPARM=y
```

```
#
# Power management options (ACPI, APM)
#
CONFIG_PM=y
# CONFIG_SOFTWARE_SUSPEND is not set
CONFIG_PM_DISK=y
CONFIG_PM_DISK_PARTITION="/dev/hda6"

#
# ACPI (Advanced Configuration and Power Interface) Support
#
CONFIG_ACPI=y
CONFIG_ACPI_BOOT=y
CONFIG_ACPI_INTERPRETER=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
# CONFIG_ACPI_TOSHIBA is not set
# CONFIG_ACPI_DEBUG is not set
CONFIG_ACPI_BUS=y
CONFIG_ACPI_EC=y
CONFIG_ACPI_POWER=y
CONFIG_ACPI_PCI=y
CONFIG_ACPI_SYSTEM=y
CONFIG_X86_PM_TIMER=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_DEFAULT_GOV_PERFORMANCE=y
# CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE is not set
CONFIG_CPU_FREQ_GOV_PERFORMANCE=y
CONFIG_CPU_FREQ_GOV_POWERSAVE=y
CONFIG_CPU_FREQ_GOV_USERSPACE=y
# CONFIG_CPU_FREQ_24_API is not set
CONFIG_CPU_FREQ_TABLE=y
```

```

#
# CPUFreq processor drivers
#
CONFIG_X86_ACPI_CPUFREQ=y
# CONFIG_X86_ACPI_CPUFREQ_PROC_INTF is not set
# CONFIG_X86_POWERNOW_K6 is not set
# CONFIG_X86_POWERNOW_K7 is not set
# CONFIG_X86_POWERNOW_K8 is not set
# CONFIG_X86_GX_SUSPMOD is not set
CONFIG_X86_SPEEDSTEP_CENTRINO=y
# CONFIG_X86_SPEEDSTEP_ICH is not set
# CONFIG_X86_SPEEDSTEP_SMI 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_GOMMCONFIG is not set
# CONFIG_PCI_GODIRECT is not set
CONFIG_PCI_GOANY=y
CONFIG_PCI_BIOS=y
CONFIG_PCI_DIRECT=y
CONFIG_PCI_MMCONFIG=y
# CONFIG_PCI_USE_VECTOR is not set
CONFIG_PCI_LEGACY_PROC=y
CONFIG_PCI_NAMES=y
CONFIG_ISA=y
# CONFIG_EISA is not set
# CONFIG_MCA is not set
# CONFIG_SCx200 is not set

#
# PCMCIA/CardBus support
#
# CONFIG_PCMCIA is not set
CONFIG_PCMCIA_PROBE=y

#
# PCI Hotplug Support
#
# CONFIG_HOTPLUG_PCI is not set

#
# Executable file formats
#
CONFIG_BINFMT_ELF=y
CONFIG_BINFMT_AOUT=y

```

```
CONFIG_BINFMT_MISC=y

#
# Device Drivers
#

#
# Generic Driver Options
#
CONFIG_FW_LOADER=y
# CONFIG_DEBUG_DRIVER is not set

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

#
# Parallel port support
#
# CONFIG_PARPORT is not set

#
# Plug and Play support
#
CONFIG_PNP=y
# CONFIG_PNP_DEBUG is not set

#
# Protocols
#
CONFIG_ISAPNP=y
CONFIG_PNPBIOS=y
CONFIG_PNPBIOS_PROC_FS=y

#
# Block devices
#
# CONFIG_BLK_DEV_FD is not set
# CONFIG_BLK_DEV_XD 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=y
# CONFIG_BLK_DEV_CRYPTOLOOP is not set
# CONFIG_BLK_DEV_NBD is not set
# CONFIG_BLK_DEV_CARMEL is not set
CONFIG_BLK_DEV_RAM=y
CONFIG_BLK_DEV_RAM_SIZE=4096
CONFIG_BLK_DEV_INITRD=y
```

```

# 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_IDECD=y
# CONFIG_BLK_DEV_IDETAPE is not set
# CONFIG_BLK_DEV_IDEFLOPPY is not set
# CONFIG_BLK_DEV_IDESCSI is not set
CONFIG_IDE_TASK_IOCTL=y
CONFIG_IDE_TASKFILE_IO=y

#
# IDE chipset support/bugfixes
#
CONFIG_IDE_GENERIC=y
# CONFIG_BLK_DEV_CMD640 is not set
CONFIG_BLK_DEV_IDEPNP=y
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_IDEDMA_FORCED is not set
CONFIG_IDEDMA_PCI_AUTO=y
# CONFIG_IDEDMA_ONLYDISK 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=y

```

```

# 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 is not set
# 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
CONFIG_SCSI_PROC_FS=y

#
# SCSI support type (disk, tape, CD-ROM)
#
CONFIG_BLK_DEV_SD=y
# CONFIG_CHR_DEV_ST is not set
# CONFIG_CHR_DEV_OSST is not set
# CONFIG_BLK_DEV_SR is not set
CONFIG_CHR_DEV_SG=y

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

#
# SCSI Transport Attributes
#
# CONFIG_SCSI_SPI_ATTRS is not set
# CONFIG_SCSI_FC_ATTRS 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_ADVANSYS is not set
# CONFIG_SCSI_IN2000 is not set
# CONFIG_SCSI_MEGARAID is not set
# CONFIG_SCSI_SATA is not set
# CONFIG_SCSI_BUSLOGIC is not set
# CONFIG_SCSI_CPQFCTS is not set
# CONFIG_SCSI_DM3191D 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_INIA100 is not set
# CONFIG_SCSI_NCR53C406A is not set
# CONFIG_SCSI_SYM53C8XX_2 is not set
# CONFIG_SCSI_PAS16 is not set
# 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_QLA2XXX=y
# CONFIG_SCSI_QLA21XX is not set
# CONFIG_SCSI_QLA22XX is not set
# CONFIG_SCSI_QLA2300 is not set
# CONFIG_SCSI_QLA2322 is not set
# CONFIG_SCSI_QLA6312 is not set
# CONFIG_SCSI_QLA6322 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

#
# 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
#
# CONFIG_FUSION is not set

#
# IEEE 1394 (FireWire) support
#
CONFIG_IEEE1394=y

#
# Subsystem Options
#
# CONFIG_IEEE1394_VERBOSEDEBUG is not set
CONFIG_IEEE1394_OUI_DB=y
CONFIG_IEEE1394_EXTRA_CONFIG_ROMS=y
CONFIG_IEEE1394_CONFIG_ROM_IP1394=y

#
# Device Drivers
#
CONFIG_IEEE1394_PCILYNX=m
CONFIG_IEEE1394_OHCI1394=y

#
# Protocol Drivers
#
# CONFIG_IEEE1394_VIDEO1394 is not set
CONFIG_IEEE1394_SBP2=y
CONFIG_IEEE1394_SBP2_PHYS_DMA=y
# 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

#
# IP: Virtual Server Configuration
#
# CONFIG_IP_VS is not set
# CONFIG_IPV6 is not set
# CONFIG_DECNET is not set
# CONFIG_BRIDGE is not set
CONFIG_NETFILTER=y
# CONFIG_NETFILTER_DEBUG is not set

#
# IP: Netfilter Configuration
#
CONFIG_IP_NF_CONNTRACK=m
CONFIG_IP_NF_FTP=m
# CONFIG_IP_NF_IRC is not set
# CONFIG_IP_NF_TFTP is not set
# CONFIG_IP_NF_AMANDA is not set
# CONFIG_IP_NF_QUEUE is not set
CONFIG_IP_NF_IPTABLES=m
# CONFIG_IP_NF_MATCH_LIMIT is not set
CONFIG_IP_NF_MATCH_IPRANGE=m
# CONFIG_IP_NF_MATCH_MAC is not set
CONFIG_IP_NF_MATCH_PKTTYPE=m
# CONFIG_IP_NF_MATCH_MARK is not set
CONFIG_IP_NF_MATCH_MULTIPORT=m
# CONFIG_IP_NF_MATCH_TOS is not set
# CONFIG_IP_NF_MATCH_RECENT is not set
# CONFIG_IP_NF_MATCH_ECN is not set

```

```

# CONFIG_IP_NF_MATCH_DSCP is not set
# CONFIG_IP_NF_MATCH_AH_ESP is not set
# CONFIG_IP_NF_MATCH_LENGTH is not set
# CONFIG_IP_NF_MATCH_TTL is not set
# CONFIG_IP_NF_MATCH_TCPMSS is not set
# CONFIG_IP_NF_MATCH_HELPER is not set
CONFIG_IP_NF_MATCH_STATE=m
CONFIG_IP_NF_MATCH_CONNTRACK=m
# CONFIG_IP_NF_MATCH_OWNER is not set
CONFIG_IP_NF_FILTER=m
CONFIG_IP_NF_TARGET_REJECT=m
CONFIG_IP_NF_NAT=m
CONFIG_IP_NF_NAT_NEEDED=y
CONFIG_IP_NF_TARGET_MASQUERADE=m
# CONFIG_IP_NF_TARGET_REDIRECT is not set
# CONFIG_IP_NF_TARGET_NETMAP is not set
# CONFIG_IP_NF_TARGET_SAME is not set
CONFIG_IP_NF_NAT_LOCAL=y
# CONFIG_IP_NF_NAT_SNMP_BASIC is not set
CONFIG_IP_NF_NAT_FTP=m
# CONFIG_IP_NF_MANGLE is not set
# CONFIG_IP_NF_TARGET_LOG is not set
CONFIG_IP_NF_TARGET_ULOG=m
# CONFIG_IP_NF_TARGET_TCPMSS is not set
# CONFIG_IP_NF_ARPTABLES is not set
# CONFIG_IP_NF_COMPAT_IPCHAINS is not set
# CONFIG_IP_NF_COMPAT_IPFWADM is not set

#
# SCTP Configuration (EXPERIMENTAL)
#
CONFIG_IPV6_SCTP__=y
# CONFIG_IP_SCTP is not set
CONFIG_ATM=y
# CONFIG_ATM_CLIP is not set
# CONFIG_ATM_LANE is not set
# CONFIG_ATM_BR2684 is not set
# CONFIG_VLAN_8021Q is not set
# CONFIG_LLC2 is not set
# CONFIG_IPX is not set
# CONFIG_ATALK 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=m
# CONFIG_BONDING is not set
# CONFIG_EQUALIZER is not set
# CONFIG_TUN 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

#
# 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=y
# CONFIG_FORCEDETH 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 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
# CONFIG_HIPPI is not set
CONFIG_PPP=y
CONFIG_PPP_MULTILINK=y
CONFIG_PPP_FILTER=y
CONFIG_PPP_ASYNC=y
CONFIG_PPP_SYNC_TTY=y
CONFIG_PPP_DEFLATE=y
CONFIG_PPP_BSDCOMP=y
CONFIG_PPPOE=y
CONFIG_PPPOATM=y
# CONFIG_SLIP is not set
```

```
#
# Wireless LAN (non-hamradio)
#
# CONFIG_NET_RADIO is not set
```

```
#
# Token Ring devices
#
```

```
# CONFIG_TR is not set
# CONFIG_NET_FC is not set
# CONFIG_RCPCI is not set
# CONFIG_SHAPER is not set
# CONFIG_NETCONSOLE is not set

#
# Wan interfaces
#
# CONFIG_WAN is not set

#
# ATM drivers
#
# CONFIG_ATM_TCP is not set
# CONFIG_ATM_LANAI is not set
# CONFIG_ATM_ENI is not set
# CONFIG_ATM_FIRESTREAM is not set
# CONFIG_ATM_ZATM is not set
# CONFIG_ATM_NICSTAR is not set
# CONFIG_ATM_IDT77252 is not set
# CONFIG_ATM_AMBASSADOR is not set
# CONFIG_ATM_HORIZON is not set
# CONFIG_ATM_IA is not set
# CONFIG_ATM_FORE200E_MAYBE is not set
# CONFIG_ATM_HE is not set

#
# Amateur Radio support
#
# CONFIG_HAMRADIO is not set

#
# IrDA (infrared) support
#
# CONFIG_IRDA is not set

#
# Bluetooth support
#
CONFIG_BT=m
CONFIG_BT_L2CAP=m
CONFIG_BT_SCO=m
CONFIG_BT_RFCOMM=m
CONFIG_BT_RFCOMM_TTY=y
CONFIG_BT_BNEP=m
CONFIG_BT_BNEP_MC_FILTER=y
CONFIG_BT_BNEP_PROTO_FILTER=y

#
# Bluetooth device drivers
```

```
#
CONFIG_BT_HCIUSB=m
CONFIG_BT_HCIUSB_SCO=y
CONFIG_BT_HCIUART=m
CONFIG_BT_HCIUART_H4=y
CONFIG_BT_HCIUART_BCSP=y
CONFIG_BT_HCIUART_BCSP_TXCRC=y
CONFIG_BT_HCIBCM203X=m
CONFIG_BT_HCIBFUSB=m
CONFIG_BT_HCIVHCI=m
# CONFIG_NETPOLL is not set
# CONFIG_NET_POLL_CONTROLLER is not set

#
# ISDN subsystem
#
# CONFIG_ISDN 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
CONFIG_SERIO_I8042=y
# CONFIG_SERIO_SERPORT is not set
# CONFIG_SERIO_CT82C710 is not set
CONFIG_SERIO_PCIPS2=m
```

```
#
# 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=y
CONFIG_INPUT_PCSPKR=y
# CONFIG_INPUT_UINPUT 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_ACPI is not set
CONFIG_SERIAL_8250_NR_UARTS=4
# CONFIG_SERIAL_8250_EXTENDED is not set

#
# Non-8250 serial port support
#
CONFIG_SERIAL_CORE=y
CONFIG_UNIX98_PTYS=y
# CONFIG_LEGACY_PTYS 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 is not set
# CONFIG_NVRAM is not set
CONFIG_RTC=y
# 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_AMD64 is not set
CONFIG_AGP_INTEL=y
# CONFIG_AGP_NVIDIA is not set
# CONFIG_AGP_SIS is not set
# CONFIG_AGP_SWORKS is not set
# CONFIG_AGP_VIA is not set
# CONFIG_AGP_EFFICEON is not set
CONFIG_DRM=y
# CONFIG_DRM_TDFX is not set
# CONFIG_DRM_GAMMA is not set
# CONFIG_DRM_R128 is not set
CONFIG_DRM_RADEON=y
# CONFIG_DRM_I810 is not set
# CONFIG_DRM_I830 is not set
# CONFIG_DRM_MGA is not set
# CONFIG_DRM_SIS is not set
# CONFIG_MWAVE is not set
# CONFIG_RAW_DRIVER is not set
# CONFIG_HANGCHECK_TIMER is not set

#
# I2C support
#
CONFIG_I2C=y
CONFIG_I2C_CHARDEV=y
```

```

#
# I2C Algorithms
#
CONFIG_I2C_ALGOBIT=y
CONFIG_I2C_ALGOPCF=y

#
# I2C Hardware Bus support
#
# CONFIG_I2C_ALI1535 is not set
# CONFIG_I2C_ALI15X3 is not set
# CONFIG_I2C_AMD756 is not set
# CONFIG_I2C_AMD8111 is not set
# CONFIG_I2C_ELEKTOR is not set
CONFIG_I2C_I801=y
CONFIG_I2C_I810=y
CONFIG_I2C_ISA=m
# CONFIG_I2C_NFORCE2 is not set
# CONFIG_I2C_PARPORT_LIGHT is not set
# CONFIG_I2C_PIIX4 is not set
# CONFIG_I2C_PROSAVAGE is not set
# CONFIG_I2C_SAVAGE4 is not set
# CONFIG_SCx200_ACB is not set
# CONFIG_I2C_SIS5595 is not set
# CONFIG_I2C_SIS630 is not set
# CONFIG_I2C_SIS96X is not set
# CONFIG_I2C_VIA is not set
# CONFIG_I2C_VIAPRO is not set
# CONFIG_I2C_VOODOO3 is not set

#
# Hardware Sensors Chip support
#
CONFIG_I2C_SENSOR=y
CONFIG_SENSORS_ADM1021=m
CONFIG_SENSORS_ASB100=m
# CONFIG_SENSORS_DS1621 is not set
CONFIG_SENSORS_FSCHER=m
CONFIG_SENSORS_GL518SM=m
CONFIG_SENSORS_IT87=m
CONFIG_SENSORS_LM75=m
CONFIG_SENSORS_LM78=m
CONFIG_SENSORS_LM80=y
CONFIG_SENSORS_LM83=m
CONFIG_SENSORS_LM85=m
CONFIG_SENSORS_LM90=m
CONFIG_SENSORS_VIA686A=m
CONFIG_SENSORS_W83781D=m
CONFIG_SENSORS_W83L785TS=m
CONFIG_SENSORS_W83627HF=y

```

```
#
# Other I2C Chip support
#
CONFIG_SENSORS_EEPROM=m
# CONFIG_I2C_DEBUG_CORE is not set
# CONFIG_I2C_DEBUG_ALGO is not set
# CONFIG_I2C_DEBUG_BUS is not set
# CONFIG_I2C_DEBUG_CHIP is not set

#
# Misc devices
#
# CONFIG_IBM_ASM is not set

#
# Multimedia devices
#
# CONFIG_VIDEO_DEV is not set

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

#
# Graphics support
#
CONFIG_FB=y
# 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 is not set
CONFIG_VIDEO_SELECT=y
# CONFIG_FB_HGA is not set
# CONFIG_FB_RIVA is not set
# CONFIG_FB_I810 is not set
# CONFIG_FB_MATROX is not set
# CONFIG_FB_RADEON_OLD is not set
CONFIG_FB_RADEON=y
CONFIG_FB_RADEON_I2C=y
# CONFIG_FB_RADEON_DEBUG 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_KYRO is not set
# CONFIG_FB_3DFX is not set
# CONFIG_FB_VOODOO1 is not set
# CONFIG_FB_TRIDENT 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 is not set
# CONFIG_LOGO_LINUX_VGA16 is not set
CONFIG_LOGO_LINUX_CLUT224=y

#
# Sound
#
CONFIG_SOUND=m

#
# Advanced Linux Sound Architecture
#
CONFIG_SND=m
CONFIG_SND_TIMER=m
CONFIG_SND_PCM=m
CONFIG_SND_RAWMIDI=m
CONFIG_SND_SEQUENCER=m
# CONFIG_SND_SEQ_DUMMY is not set
CONFIG_SND_OSSEMUL=y
CONFIG_SND_MIXER_OSS=m
CONFIG_SND_PCM_OSS=m
CONFIG_SND_SEQUENCER_OSS=y
CONFIG_SND_RTCTIMER=m
# CONFIG_SND_VERBOSE_PRINTK is not set
# CONFIG_SND_DEBUG is not set

#
# Generic devices
#
CONFIG_SND_MPU401_UART=m
# CONFIG_SND_DUMMY is not set
CONFIG_SND_VIRMIDI=m
CONFIG_SND_MTPAV=m
CONFIG_SND_SERIAL_U16550=m
CONFIG_SND_MPU401=m

```

```

#
# ISA devices
#
# CONFIG_SND_AD1816A is not set
# 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_ES968 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_ALS100 is not set
# CONFIG_SND_AZT2320 is not set
# CONFIG_SND_CMI8330 is not set
# CONFIG_SND_DT019X 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_AC97_CODEC=m
# CONFIG_SND_ALI5451 is not set
# CONFIG_SND_ATIIXP is not set
# CONFIG_SND_AU8810 is not set
# CONFIG_SND_AU8820 is not set
# CONFIG_SND_AU8830 is not set
# CONFIG_SND_AZT3328 is not set
# CONFIG_SND_BT87X is not set
# 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_MIXART 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=m
CONFIG_SND_INTEL8X0M=m
# CONFIG_SND_SONICVIBES is not set
# CONFIG_SND_VIA82XX is not set
# CONFIG_SND_VX222 is not set

#
# ALSA USB devices
#
# CONFIG_SND_USB_AUDIO 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
#
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=y
# CONFIG_USB_OHCI_HCD is not set
CONFIG_USB_UHCI_HCD=y

#
# USB Device Class drivers
```

```
#
# CONFIG_USB_AUDIO is not set

#
# USB Bluetooth TTY can only be used with disabled Bluetooth subsystem
#
# CONFIG_USB_MIDI is not set
# CONFIG_USB_ACM is not set
CONFIG_USB_PRINTER=y
CONFIG_USB_STORAGE=y
# 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=y
CONFIG_USB_HIDINPUT=y
# CONFIG_HID_FF is not set
# CONFIG_USB_HIDDEV 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_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_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
#

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

#
# USB Miscellaneous drivers
#
# CONFIG_USB_EMI62 is not set
# CONFIG_USB_EMI26 is not set
# CONFIG_USB_TIGL is not set
# CONFIG_USB_AUERSWALD is not set
# CONFIG_USB_RIO500 is not set
# CONFIG_USB_LEGOTOWER is not set
# CONFIG_USB_BRLVGER is not set
# CONFIG_USB_LCD is not set
# CONFIG_USB_LED is not set
CONFIG_USB_SPEEDTOUCH=y
# CONFIG_USB_TEST is not set

#
# USB Gadget Support
#
# CONFIG_USB_GADGET 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=y
# CONFIG_REISERFS_CHECK is not set
CONFIG_REISERFS_PROC_INFO=y
```

```
# 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=y
CONFIG_ZISOFS_FS=y
CONFIG_UDF_FS=y

#
# DOS/FAT/NT Filesystems
#
CONFIG_FAT_FS=y
CONFIG_MSDOS_FS=y
CONFIG_VFAT_FS=y
CONFIG_NTFS_FS=y
# CONFIG_NTFS_DEBUG is not set
# CONFIG_NTFS_RW is not set

#
# Pseudo filesystems
#
CONFIG_PROC_FS=y
CONFIG_PROC_KCORE=y
CONFIG_DEVFS_FS=y
CONFIG_DEVFS_MOUNT=y
# CONFIG_DEVFS_DEBUG is not set
CONFIG_DEVPTS_FS_XATTR=y
# CONFIG_DEVPTS_FS_SECURITY is not set
CONFIG_TMPFS=y
# CONFIG_HUGETLBFS is not set
# CONFIG_HUGETLB_PAGE 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_HFSPLUS_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=m
CONFIG_NFS_V3=y
CONFIG_NFS_V4=y
CONFIG_NFS_DIRECTIO=y
CONFIG_NFSD=m
CONFIG_NFSD_V3=y
CONFIG_NFSD_V4=y
CONFIG_NFSD_TCP=y
CONFIG_LOCKD=m
CONFIG_LOCKD_V4=y
CONFIG_EXPORTFS=m
CONFIG_SUNRPC=m
CONFIG_SUNRPC_GSS=m
CONFIG_RPCSEC_GSS_KRB5=m
# CONFIG_SMB_FS is not set
# CONFIG_CIFS is not set
# CONFIG_NCP_FS is not set
# CONFIG_CODA_FS is not set
# CONFIG_AFS_FS is not set

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

#
# Native Language Support
#
CONFIG_NLS=y
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=y
# CONFIG_NLS_KOI8_R is not set
# CONFIG_NLS_KOI8_U is not set
CONFIG_NLS_UTF8=y

#
# Profiling support
#
# CONFIG_PROFILING is not set

#
# Kernel hacking
#
CONFIG_DEBUG_KERNEL=y
CONFIG_EARLY_PRINTK=y
# CONFIG_DEBUG_STACKOVERFLOW is not set
# CONFIG_DEBUG_STACK_USAGE is not set
CONFIG_DEBUG_SLAB=y
CONFIG_MAGIC_SYSRQ=y
# CONFIG_DEBUG_SPINLOCK is not set
# CONFIG_DEBUG_PAGEALLOC is not set
CONFIG_DEBUG_INFO=y
CONFIG_DEBUG_SPINLOCK_SLEEP=y
CONFIG_FRAME_POINTER=y
CONFIG_X86_FIND_SMP_CONFIG=y
CONFIG_X86_MPPARSE=y

```

```
#  
# Security options  
#  
# CONFIG_SECURITY is not set  
  
#  
# Cryptographic options  
#  
CONFIG_CRYPT=y  
# CONFIG_CRYPT_HMAC is not set  
# CONFIG_CRYPT_NULL is not set  
# CONFIG_CRYPT_MD4 is not set  
CONFIG_CRYPT_MD5=m  
# CONFIG_CRYPT_SHA1 is not set
```