

Need pci=assign-busses for Acer Aspire 9410

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-02/msg10269.html>

- *From:* Eric Colin de Verdiere <eric.colindeverdiere_1k@xxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 28 Feb 2007 23:28:41 +0100 (CET)
-

Hi,

dmesg on my Acer Aspire 9411 AWSMi says:

```
PCI: Bus #0b (-#0e) is hidden behind transparent bridge #0a (-#0a) (try
'pci=assign-busses')
Please report the result to linux-kernel to fix this permanently
```

The computer seems to work well with and without pci=assign-busses. (I had to pass combined_mode=libata as kernel option, for otherwise DMA does not work and the hard disk is terribly slow.)

I'm attaching dmesg output, without and with pci=assign-busses. Please ask me by e-mail if you need more informations.

```
EricLinux version 2.6.19-1.2911.fc6 (brewbuilder@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx) (gcc version 4.1.1
20070105 (Red Hat 4.1.1-51)) #1 SMP Sat Feb 10 15:51:47 EST 2007
```

```
BIOS-provided physical RAM map:
```

```
BIOS-e820: 0000000000000000 - 000000000009f800 (usable)
BIOS-e820: 000000000009f800 - 00000000000a0000 (reserved)
BIOS-e820: 00000000000dc000 - 0000000000100000 (reserved)
BIOS-e820: 0000000000100000 - 000000003fe90000 (usable)
BIOS-e820: 000000003fe90000 - 000000003ff00000 (ACPI NVS)
BIOS-e820: 000000003ff00000 - 0000000040000000 (reserved)
BIOS-e820: 00000000e0000000 - 00000000f0000000 (reserved)
BIOS-e820: 00000000fec00000 - 00000000fec10000 (reserved)
BIOS-e820: 00000000fed00000 - 00000000fed00400 (reserved)
BIOS-e820: 00000000fed14000 - 00000000fed1a000 (reserved)
BIOS-e820: 00000000fed1c000 - 00000000fed90000 (reserved)
BIOS-e820: 00000000fee00000 - 00000000fee01000 (reserved)
BIOS-e820: 00000000ff000000 - 0000000100000000 (reserved)
```

```
126MB HIGHMEM available.
```

```
896MB LOWMEM available.
```

```
found SMP MP-table at 00f5c80
```

```
Using x86 segment limits to approximate NX protection
```

```
Entering add_active_range(0, 0, 261776) 0 entries of 256 used
```

```
Zone PFN ranges:
```

Need pci=assign-busses for Acer Aspire 9410

DMA 0 -> 4096
Normal 4096 -> 229376
HighMem 229376 -> 261776
early_node_map[1] active PFN ranges
0: 0 -> 261776
On node 0 totalpages: 261776
DMA zone: 32 pages used for memmap
DMA zone: 0 pages reserved
DMA zone: 4064 pages, LIFO batch:0
Normal zone: 1760 pages used for memmap
Normal zone: 223520 pages, LIFO batch:31
HighMem zone: 253 pages used for memmap
HighMem zone: 32147 pages, LIFO batch:7
DMI present.
Using APIC driver default
ACPI: RSDP (v000 PTLTD) @ 0x000f5ae0
ACPI: RSDT (v001 PTLTD RSDT 0x06040000 LTP 0x00000000) @ 0x3fe95118
ACPI: FADT (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9ddee
ACPI: MADT (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9de62
ACPI: HPET (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9deca
ACPI: MCFG (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9df02
ACPI: TCPA (v001 PTLTD CALISTGA 0x06040000 PTL 0x00000001) @ 0x3fe9df3e
ACPI: MADT (v001 PTLTD APIC 0x06040000 LTP 0x00000000) @ 0x3fe9df70
ACPI: BOOT (v001 PTLTD \$SBFTBL\$ 0x06040000 LTP 0x00000001) @ 0x3fe9dfd8
ACPI: SSDT (v001 SataRe SataPri 0x00001000 INTL 0x20050624) @ 0x3fe96862
ACPI: SSDT (v001 SataRe SataSec 0x00001000 INTL 0x20050624) @ 0x3fe961d0
ACPI: SSDT (v001 PmRef Cpu0Tst 0x00003000 INTL 0x20050624) @ 0x3fe956f8
ACPI: SSDT (v001 PmRef Cpu1Tst 0x00003000 INTL 0x20050624) @ 0x3fe95652
ACPI: SSDT (v001 PmRef CpuPm 0x00003000 INTL 0x20050624) @ 0x3fe9516c
ACPI: DSDT (v001 INTEL CALISTGA 0x06040000 MSFT 0x0100000e) @ 0x00000000
ACPI: PM-Timer IO Port: 0x1008
ACPI: Local APIC address 0xfe00000
ACPI: 2 duplicate APIC table ignored.
ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
Processor #0 6:14 APIC version 20
ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] enabled)
Processor #1 6:14 APIC version 20
ACPI: IOAPIC (id[0x01] address[0xfec00000] gsi_base[0])
IOAPIC[0]: apic_id 1, version 32, address 0xfec00000, GSI 0-23
ACPI: IOAPIC (id[0x02] address[0xfec28000] gsi_base[24])
IOAPIC[1]: apic_id 2, version 255, address 0xfec28000, GSI 24-279
ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
ACPI: IRQ0 used by override.
ACPI: IRQ2 used by override.
ACPI: IRQ9 used by override.
Enabling APIC mode: Flat. Using 2 I/O APICs
ACPI: HPET id: 0x8086a201 base: 0xfed00000
Using ACPI (MADT) for SMP configuration information
Allocating PCI resources starting at 50000000 (gap: 40000000:a0000000)
Detected 1596.324 MHz processor.

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

```
Built 1 zonelists. Total pages: 259731
Kernel command line: ro root=LABEL=/ rhgb quiet combined_mode=libata
mapped APIC to fffd000 (fee00000)
mapped IOAPIC to fffc000 (fec00000)
mapped IOAPIC to fffb000 (fec28000)
Enabling fast FPU save and restore... done.
Enabling unmasked SIMD FPU exception support... done.
Initializing CPU#0
CPU 0 irqstacks, hard=c0806000 soft=c07e6000
PID hash table entries: 4096 (order: 12, 16384 bytes)
Console: colour VGA+ 80x25
Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
Memory: 1030900k/1047104k available (2210k kernel code, 15428k reserved, 1131k data, 240k init, 129600k
highmem)
virtual kernel memory layout:
fixmap : 0xffc56000 - 0xfffff000 (3748 kB)
pkmap : 0xff800000 - 0xffc00000 (4096 kB)
vmalloc : 0xf8800000 - 0xff7fe000 ( 111 MB)
lowmem : 0xc0000000 - 0xf8000000 ( 896 MB)
.init : 0xc07a5000 - 0xc07e1000 ( 240 kB)
.data : 0xc0628a27 - 0xc07438f4 (1131 kB)
.text : 0xc0400000 - 0xc0628a27 (2210 kB)
Checking if this processor honours the WP bit even in supervisor mode... Ok.
hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
hpet0: 3 64-bit timers, 14318180 Hz
Using HPET for base-timer
Calibrating delay using timer specific routine.. 3195.98 BogoMIPS (lpj=1597990)
Security Framework v1.0.0 initialized
SELinux: Initializing.
SELinux: Starting in permissive mode
selinux_register_security: Registering secondary module capability
Capability LSM initialized as secondary
Mount-cache hash table entries: 512
CPU: After generic identify, caps: bfe9fbff 00100000 00000000 00000000 0000c189 00000000 00000000
monitor/mwait feature present.
using mwait in idle threads.
CPU: L1 I cache: 32K, L1 D cache: 32K
CPU: L2 cache: 2048K
CPU: Physical Processor ID: 0
CPU: Processor Core ID: 0
CPU: After all inits, caps: bfe9f3ff 00100000 00000000 00000940 0000c189 00000000 00000000
Intel machine check architecture supported.
Intel machine check reporting enabled on CPU#0.
Checking 'hlt' instruction... OK.
SMP alternatives: switching to UP code
ACPI: Core revision 20060707
CPU0: Intel Genuine Intel(R) CPU T2050 @ 1.60GHz stepping 08
SMP alternatives: switching to SMP code
Booting processor 1/1 eip 3000
CPU 1 irqstacks, hard=c0807000 soft=c07e7000
```

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

```
Initializing CPU#1
Calibrating delay using timer specific routine.. 3192.43 BogoMIPS (lpj=1596215)
CPU: After generic identify, caps: bfe9fbff 00100000 00000000 00000000 0000c189 00000000 00000000
monitor/mwait feature present.
CPU: L1 I cache: 32K, L1 D cache: 32K
CPU: L2 cache: 2048K
CPU: Physical Processor ID: 0
CPU: Processor Core ID: 1
CPU: After all inits, caps: bfe9f3ff 00100000 00000000 00000940 0000c189 00000000 00000000
Intel machine check architecture supported.
Intel machine check reporting enabled on CPU#1.
CPU1: Intel Genuine Intel(R) CPU T2050 @ 1.60GHz stepping 08
Total of 2 processors activated (6388.41 BogoMIPS).
ENABLING IO-APIC IRQs
..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
checking TSC synchronization across 2 CPUs: passed.
Brought up 2 CPUs
sizeof(vma)=84 bytes
sizeof(page)=32 bytes
sizeof(inode)=424 bytes
sizeof(dentry)=144 bytes
sizeof(ext3inode)=600 bytes
sizeof(buffer_head)=56 bytes
sizeof(skbuff)=172 bytes
sizeof(task_struct)=1376 bytes
migration_cost=56
checking if image is initramfs... it is
Freeing initrd memory: 1527k freed
NET: Registered protocol family 16
ACPI: bus type pci registered
PCI: Using MMCONFIG
Setting up standard PCI resources
ACPI: Interpreter enabled
ACPI: Using IOAPIC for interrupt routing
ACPI: PCI Root Bridge [PCI0] (0000:00)
PCI: Probing PCI hardware (bus 00)
PCI quirk: region 1000-107f claimed by ICH6 ACPI/GPIO/TCO
PCI quirk: region 1180-11bf claimed by ICH6 GPIO
PCI: Ignoring BAR0-3 of IDE controller 0000:00:1f.2
Boot video device is 0000:01:00.0
PCI: Transparent bridge - 0000:00:1e.0
PCI: Bus #0b (-#0e) is hidden behind transparent bridge #0a (-#0a) (try 'pci=assign-busses')
Please report the result to linux-kernel to fix this permanently
ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEGP._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP01._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP02._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP03._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP04._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PCIB._PRT]
ACPI: PCI Interrupt Link [LNKA] (IRQs 10 *11)
```

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

ACPI: PCI Interrupt Link [LNKB] (IRQs 10 *11)
ACPI: PCI Interrupt Link [LNKC] (IRQs *10 11)
ACPI: PCI Interrupt Link [LNKD] (IRQs *10 11)
ACPI: PCI Interrupt Link [LNKE] (IRQs 10 11) *0, disabled.
ACPI: PCI Interrupt Link [LNKF] (IRQs 10 11) *0, disabled.
ACPI: PCI Interrupt Link [LNKG] (IRQs *10 11)
ACPI: PCI Interrupt Link [LNKH] (IRQs 10 *11)
Linux Plug and Play Support v0.97 (c) Adam Belay
pnp: PnP ACPI init
pnp: PnP ACPI: found 11 devices
usbcore: registered new interface driver usbfs
usbcore: registered new interface driver hub
usbcore: registered new device driver usb
PCI: Using ACPI for IRQ routing
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
NetLabel: Initializing
NetLabel: domain hash size = 128
NetLabel: protocols = UNLABELED CIPSOv4
NetLabel: unlabeled traffic allowed by default
pnp: 00:07: ioport range 0x6a0-0x6af has been reserved
pnp: 00:07: ioport range 0x6b0-0x6ff has been reserved
PCI: Failed to allocate mem resource #6:20000@c0000000 for 0000:01:00.0
PCI: Bridge: 0000:00:01.0
IO window: disabled.
MEM window: d0000000-d1ffffff
PREFETCH window: b0000000-bffffff
PCI: Bridge: 0000:00:1c.0
IO window: 2000-2fff
MEM window: c8000000-c9ffffff
PREFETCH window: c0000000-c1ffffff
PCI: Bridge: 0000:00:1c.1
IO window: 3000-3fff
MEM window: ca000000-cbffffff
PREFETCH window: c2000000-c3ffffff
PCI: Bridge: 0000:00:1c.2
IO window: 4000-4fff
MEM window: cc000000-cdffffff
PREFETCH window: c4000000-c5ffffff
PCI: Bridge: 0000:00:1c.3
IO window: 5000-5fff
MEM window: ce000000-cfffffff
PREFETCH window: c6000000-c7ffffff
PCI: Bus 11, cardbus bridge: 0000:0a:06.0
IO window: 00006000-000060ff
IO window: 00006400-000064ff
PREFETCH window: 50000000-51ffffff
MEM window: 52000000-53ffffff
PCI: Bridge: 0000:00:1e.0
IO window: 6000-6fff
MEM window: d2000000-d20ffffff
PREFETCH window: 50000000-51ffffff

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

```
ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:01.0 to 64
ACPI: PCI Interrupt 0000:00:1c.0[A] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:00:1c.0 to 64
ACPI: PCI Interrupt 0000:00:1c.1[B] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1c.1 to 64
ACPI: PCI Interrupt 0000:00:1c.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1c.2 to 64
ACPI: PCI Interrupt 0000:00:1c.3[D] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1c.3 to 64
PCI: Enabling device 0000:00:1e.0 (0104 -> 0107)
PCI: Setting latency timer of device 0000:00:1e.0 to 64
ACPI: PCI Interrupt 0000:0a:06.0[A] -> GSI 22 (level, low) -> IRQ 20
NET: Registered protocol family 2
IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
TCP established hash table entries: 131072 (order: 9, 2621440 bytes)
TCP bind hash table entries: 65536 (order: 8, 1310720 bytes)
TCP: Hash tables configured (established 131072 bind 65536)
TCP reno registered
Simple Boot Flag at 0x36 set to 0x1
apm: BIOS not found.
audit: initializing netlink socket (disabled)
audit(1172704536.142:1): initialized
highmem bounce pool size: 64 pages
Total HugeTLB memory allocated, 0
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
SELinux: Registering netfilter hooks
ksign: Installing public key data
Loading keyring
- Added public key BE1C9570C411C444
- User ID: Red Hat, Inc. (Kernel Module GPG key)
io scheduler noop registered
io scheduler anticipatory registered
io scheduler deadline registered
io scheduler cfq registered (default)
PCI: Setting latency timer of device 0000:00:01.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:01.0:pcie00]
Allocate Port Service[0000:00:01.0:pcie03]
PCI: Setting latency timer of device 0000:00:1c.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.0:pcie00]
Allocate Port Service[0000:00:1c.0:pcie02]
Allocate Port Service[0000:00:1c.0:pcie03]
PCI: Setting latency timer of device 0000:00:1c.1 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.1:pcie00]
Allocate Port Service[0000:00:1c.1:pcie02]
Allocate Port Service[0000:00:1c.1:pcie03]
PCI: Setting latency timer of device 0000:00:1c.2 to 64
```

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

```
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.2:pcie00]
Allocate Port Service[0000:00:1c.2:pcie02]
Allocate Port Service[0000:00:1c.2:pcie03]
PCI: Setting latency timer of device 0000:00:1c.3 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.3:pcie00]
Allocate Port Service[0000:00:1c.3:pcie02]
Allocate Port Service[0000:00:1c.3:pcie03]
pci_hotplug: PCI Hot Plug PCI Core version: 0.5
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu0Ist] [20060707]
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu0Cst] [20060707]
ACPI: CPU0 (power states: C1[C1] C2[C2] C3[C3])
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu1Ist] [20060707]
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu1Cst] [20060707]
ACPI: CPU1 (power states: C1[C1] C2[C2] C3[C3])
ACPI: Thermal Zone [TZS0] (45 C)
ACPI: Thermal Zone [TZS1] (52 C)
isapnp: Scanning for PnP cards...
isapnp: No Plug & Play device found
Real Time Clock Driver v1.12ac
Non-volatile memory driver v1.2
Linux agpgart interface v0.101 (c) Dave Jones
agpgart: Detected an Intel 945GM Chipset.
agpgart: AGP aperture is 256M @ 0x0
Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing enabled
RAMDISK driver initialized: 16 RAM disks of 16384K size 4096 blocksize
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
ide0: I/O resource 0x1F0-0x1F7 not free.
ide0: ports already in use, skipping probe
ide1: I/O resource 0x170-0x177 not free.
ide1: ports already in use, skipping probe
ide-floppy driver 0.99.newide
Yenta: CardBus bridge found at 0000:0a:06.0 [1025:0107]
Yenta: Using CSCINT to route CSC interrupts to PCI
Yenta: Routing CardBus interrupts to PCI
Yenta TI: socket 0000:0a:06.0, mfunc 0x01aa1b22, devctl 0x64
Yenta: ISA IRQ mask 0x0cf8, PCI irq 20
Socket status: 30000006
Yenta: Raising subordinate bus# of parent bus (#0a) from #0a to #0e
pcmcia: parent PCI bridge I/O window: 0x6000 - 0x6fff
cs: IO port probe 0x6000-0x6fff: clean.
pcmcia: parent PCI bridge Memory window: 0xd2000000 - 0xd20fffff
pcmcia: parent PCI bridge Memory window: 0x50000000 - 0x51ffffff
usbcore: registered new interface driver libusual
usbcore: registered new interface driver hiddev
usbcore: registered new interface driver usbhid
drivers/usb/input/hid-core.c: v2.6:USB HID core driver
PNP: PS/2 Controller [PNP0303:KBD0,PNP0f13:PS2M] at 0x60,0x64 irq 1,12
i8042.c: Detected active multiplexing controller, rev 1.1.
```

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

```
serio: i8042 KBD port at 0x60,0x64 irq 1
serio: i8042 AUX0 port at 0x60,0x64 irq 12
serio: i8042 AUX1 port at 0x60,0x64 irq 12
serio: i8042 AUX2 port at 0x60,0x64 irq 12
serio: i8042 AUX3 port at 0x60,0x64 irq 12
mice: PS/2 mouse device common for all mice
TCP bic registered
Initializing XFRM netlink socket
NET: Registered protocol family 1
NET: Registered protocol family 17
Using IPI No-Shortcut mode
ACPI: (supports S0<6>Time: tsc clocksource has been installed.
S3 S4 S5)
Freeing unused kernel memory: 240k freed
Write protecting the kernel read-only data: 415k
Time: hpet clocksource has been installed.
input: AT Translated Set 2 keyboard as /class/input/input0
USB Universal Host Controller Interface driver v3.0
ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 23 (level, low) -> IRQ 21
PCI: Setting latency timer of device 0000:00:1d.0 to 64
uhci_hcd 0000:00:1d.0: UHCI Host Controller
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 1
uhci_hcd 0000:00:1d.0: irq 21, io base 0x00001800
usb usb1: configuration #1 chosen from 1 choice
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1d.1 to 64
uhci_hcd 0000:00:1d.1: UHCI Host Controller
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 2
uhci_hcd 0000:00:1d.1: irq 19, io base 0x00001820
usb usb2: configuration #1 chosen from 1 choice
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1d.2 to 64
uhci_hcd 0000:00:1d.2: UHCI Host Controller
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 3
uhci_hcd 0000:00:1d.2: irq 18, io base 0x00001840
usb usb3: configuration #1 chosen from 1 choice
hub 3-0:1.0: USB hub found
hub 3-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.3[D] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1d.3 to 64
uhci_hcd 0000:00:1d.3: UHCI Host Controller
uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 4
uhci_hcd 0000:00:1d.3: irq 16, io base 0x00001860
usb usb4: configuration #1 chosen from 1 choice
hub 4-0:1.0: USB hub found
hub 4-0:1.0: 2 ports detected
ohci_hcd: 2006 August 04 USB 1.1 'Open' Host Controller (OHCI) Driver (PCI)
```

Need pci=assign-busses for Acer Aspire 9410

```
ACPI: PCI Interrupt 0000:00:1d.7[A] -> GSI 23 (level, low) -> IRQ 21
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: EHCI Host Controller
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 5
ehci_hcd 0000:00:1d.7: debug port 1
PCI: cache line size of 32 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: irq 21, io mem 0xd2304000
ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb5: configuration #1 chosen from 1 choice
hub 5-0:1.0: USB hub found
hub 5-0:1.0: 8 ports detected
SCSI subsystem initialized
libata version 2.00 loaded.
ata_piix 0000:00:1f.2: version 2.00ac6
ata_piix 0000:00:1f.2: MAP [ IDE IDE P1 P3 ]
ACPI: PCI Interrupt 0000:00:1f.2[B] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1f.2 to 64
ata1: PATA max UDMA/100 cmd 0x1F0 ctl 0x3F6 bmdma 0x18B0 irq 14
ata2: SATA max UDMA/133 cmd 0x170 ctl 0x376 bmdma 0x18B8 irq 15
scsi0 : ata_piix
ata1.00: ATA-6, max UDMA/100, 234441648 sectors: LBA48
ata1.00: ata1: dev 0 multi count 16
ata1.01: ATAPI, max UDMA/33
ata1.00: configured for UDMA/100
ata1.01: configured for UDMA/33
scsi1 : ata_piix
ATA: abnormal status 0x7F on port 0x177
scsi 0:0:0:0: Direct-Access ATA ST9120821A 3.06 PQ: 0 ANSI: 5
SCSI device sda: 234441648 512-byte hdwr sectors (120034 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
SCSI device sda: 234441648 512-byte hdwr sectors (120034 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
sda:<6>Synaptics Touchpad, model: 1, fw: 6.2, id: 0x1280b1, caps: 0xa04713/0x204000
sda1 sda2 sda3 sda4 <<6>input: SynPS/2 Synaptics TouchPad as /class/input/input1
psmouse.c: TouchPad at isa0060/serio4/input0 lost sync at byte 1
sda5 sda6 sda7 sda8 >
sd 0:0:0:0: Attached scsi disk sda
scsi 0:0:1:0: CD-ROM PHILIPS DVD-RAM SDVD8821 EX02 PQ: 0 ANSI: 5
Initializing USB Mass Storage driver...
usbcore: registered new interface driver usb-storage
USB Mass Storage support registered.
Synaptics Touchpad, model: 1, fw: 6.2, id: 0x1280b1, caps: 0xa04713/0x204000
input: SynPS/2 Synaptics TouchPad as /class/input/input2
kjournald starting. Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
security: 3 users, 6 roles, 1604 types, 174 bools, 1 sens, 1024 cats
security: 59 classes, 50459 rules
```

Need pci=assign-busses for Acer Aspire 9410

```
SELinux: Completing initialization.
SELinux: Setting up existing superblocks.
SELinux: initialized (dev sda6, type ext3), uses xattr
SELinux: initialized (dev usbfs, type usbfs), uses genfs_contexts
SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
SELinux: initialized (dev debugfs, type debugfs), uses genfs_contexts
SELinux: initialized (dev selinuxfs, type selinuxfs), uses genfs_contexts
SELinux: initialized (dev mqueue, type mqueue), uses transition SIDs
SELinux: initialized (dev hugetlbfs, type hugetlbfs), uses genfs_contexts
SELinux: initialized (dev devpts, type devpts), uses transition SIDs
SELinux: initialized (dev eventpollfs, type eventpollfs), uses task SIDs
SELinux: initialized (dev inotifyfs, type inotifyfs), uses genfs_contexts
SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
SELinux: initialized (dev futexfs, type futexfs), uses genfs_contexts
SELinux: initialized (dev pipefs, type pipefs), uses task SIDs
SELinux: initialized (dev sockfs, type sockfs), uses task SIDs
SELinux: initialized (dev cpuset, type cpuset), not configured for labeling
SELinux: initialized (dev proc, type proc), uses genfs_contexts
SELinux: initialized (dev bdev, type bdev), uses genfs_contexts
SELinux: initialized (dev rootfs, type rootfs), uses genfs_contexts
SELinux: initialized (dev sysfs, type sysfs), uses genfs_contexts
audit(1172704547.247:2): policy loaded auid=4294967295
sdhci: Secure Digital Host Controller Interface driver, 0.12
sdhci: Copyright(c) Pierre Ossman
sdhci: SDHCI controller found at 0000:0a:06.3 [104c:803c] (rev 0)
ACPI: PCI Interrupt 0000:0a:06.3[A] -> GSI 22 (level, low) -> IRQ 20
mmc0: SDHCI at 0xd2005800 irq 20 PIO
r8169 Gigabit Ethernet driver 2.2LK-NAPI loaded
ACPI: PCI Interrupt 0000:02:00.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:02:00.0 to 64
eth0: RTL8168b/8111b at 0xf887c000, 00:16:d3:4a:34:66, IRQ 16
ACPI: PCI Interrupt 0000:00:1f.3[B] -> GSI 19 (level, low) -> IRQ 19
nvidia: module license 'NVIDIA' taints kernel.
ACPI: PCI Interrupt 0000:0a:06.2[A] -> GSI 22 (level, low) -> IRQ 20
ACPI: PCI Interrupt 0000:01:00.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:01:00.0 to 64
NVRM: loading NVIDIA Linux x86 Kernel Module 1.0-9631 Thu Nov 9 17:38:10 PST 2006
ieee80211_crypt: registered algorithm 'NULL'
ieee80211: 802.11 data/management/control stack, git-1.1.13
ieee80211: Copyright (C) 2004-2005 Intel Corporation <jketreno@xxxxxxxxxxxxxxxx>
ipw3945: Intel(R) PRO/Wireless 3945 Network Connection driver for Linux, 1.2.0d
ipw3945: Copyright(c) 2003-2006 Intel Corporation
ACPI: PCI Interrupt 0000:05:00.0[A] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:05:00.0 to 64
ipw3945: Detected Intel PRO/Wireless 3945ABG Network Connection
input: PC Speaker as /class/input/input3
iTCO_wdt: Intel TCO WatchDog Timer Driver v1.00 (08-Oct-2006)
iTCO_wdt: failed to reset NO_REBOOT flag, reboot disabled by hardware
iTCO_wdt: No card detected
intel_rng: FWH not detected
sd 0:0:0:0: Attached scsi generic sg0 type 0
```

Need pci=assign-busses for Acer Aspire 9410

```
scsi 0:0:1:0: Attached scsi generic sg1 type 5
cs: IO port probe 0x100-0x3af: excluding 0x370-0x377
cs: IO port probe 0x3e0-0x4ff: excluding 0x3f0-0x3f7 0x4d0-0x4d7
cs: IO port probe 0x820-0x8ff: clean.
cs: IO port probe 0xc00-0xcf7: clean.
cs: IO port probe 0xa00-0xaf7: clean.
ACPI: PCI Interrupt 0000:00:1b.0[A] -> GSI 22 (level, low) -> IRQ 20
PCI: Setting latency timer of device 0000:00:1b.0 to 64
sr0: scsi3-mmc drive: 24x/24x writer dvd-ram cd/rw xa/form2 cdda tray
Uniform CD-ROM driver Revision: 3.20
sr 0:0:1:0: Attached scsi CD-ROM sr0
floppy0: no floppy controllers found
lp: driver loaded but no devices found
sonypi: Sony Programmable I/O Controller Driver v1.26.
SELinux: initialized (dev ramfs, type ramfs), uses genfs_contexts
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
Mobile IPv6
ACPI: AC Adapter [ADP1] (on-line)
ACPI: Battery Slot [BAT0] (battery present)
ACPI: Power Button (FF) [PWRF]
ACPI: Lid Switch [LID0]
ACPI: Sleep Button (CM) [SLPB]
ibm_acpi: ec object not found
ACPI: Video Device [VGA] (multi-head: yes rom: no post: no)
ACPI: Video Device [GFX0] (multi-head: yes rom: no post: no)
md: Autodetecting RAID arrays.
md: autorun ...
md: ... autorun DONE.
device-mapper: ioctl: 4.10.0-ioctl (2006-09-14) initialised: dm-devel@xxxxxxxxxxx
device-mapper: multipath: version 1.0.5 loaded
EXT3 FS on sda6, internal journal
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda5, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
SELinux: initialized (dev sda5, type ext3), uses xattr
SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda8, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
SELinux: initialized (dev sda8, type ext3), uses xattr
SELinux: initialized (dev sda2, type vfat), uses genfs_contexts
SELinux: initialized (dev sda3, type vfat), uses genfs_contexts
Adding 2249060k swap on /dev/sda7. Priority:-1 extents:1 across:2249060k
SELinux: initialized (dev binfmt_misc, type binfmt_misc), uses genfs_contexts
audit(1172700974.385:3): avc: denied { dac_override } for pid=1941 comm="ip6tables-restore" capability=1
scontext=system_u:system_r:iptables_t:s0 tcontext=system_u:system_r:iptables_t:s0 tclass=capability
audit(1172700974.385:4): avc: denied { read } for pid=1941 comm="ip6tables-restore" name="ip6tables"
dev=sda6 ino=1798830 scount=system_u:system_r:iptables_t:s0 tcontext=user_u:object_r:user_home_t:s0
tclass=file
audit(1172700974.385:5): avc: denied { getattr } for pid=1941 comm="ip6tables-restore" name="ip6tables"
```

Need pci=assign-busses for Acer Aspire 9410

```
dev=sda6 ino=1798830 scontext=system_u:system_r:iptables_t:s0 tcontext=user_u:object_r:user_home_t:s0
tclass=file
ip6_tables: (C) 2000–2006 Netfilter Core Team
ip_tables: (C) 2000–2006 Netfilter Core Team
Netfilter messages via NETLINK v0.30.
ip_conntrack version 2.4 (8180 buckets, 65440 max) – 232 bytes per conntrack
process `sysctl' is using deprecated sysctl (syscall) net.ipv6.neigh.lo.retrans_time; Use
net.ipv6.neigh.lo.retrans_time_ms instead.
r8169: eth0: link down
ADDRCONF(NETDEV_UP): eth0: link is not ready
SELinux: initialized (dev rpc_pipefs, type rpc_pipefs), uses genfs_contexts
ACPI: PCI interrupt for device 0000:05:00.0 disabled
ieee80211_crypt: unregistered algorithm 'NULL'
ieee80211_crypt: registered algorithm 'NULL'
ieee80211: 802.11 data/management/control stack, git-1.1.13
ieee80211: Copyright (C) 2004–2005 Intel Corporation <jketreno@xxxxxxxxxxxxxxxx>
ipw3945: Intel(R) PRO/Wireless 3945 Network Connection driver for Linux, 1.2.0d
ipw3945: Copyright(c) 2003–2006 Intel Corporation
ACPI: PCI Interrupt 0000:05:00.0[A] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:05:00.0 to 64
ipw3945: Detected Intel PRO/Wireless 3945ABG Network Connection
ipw3945: Detected geography ABG (13 802.11bg channels, 23 802.11a channels)
Bluetooth: Core ver 2.11
NET: Registered protocol family 31
Bluetooth: HCI device and connection manager initialized
Bluetooth: HCI socket layer initialized
Bluetooth: L2CAP ver 2.8
Bluetooth: L2CAP socket layer initialized
Bluetooth: RFCOMM socket layer initialized
Bluetooth: RFCOMM TTY layer initialized
Bluetooth: RFCOMM ver 1.8
Bluetooth: HIDP (Human Interface Emulation) ver 1.1
SELinux: initialized (dev autofs, type autofs), uses genfs_contexts
SELinux: initialized (dev autofs, type autofs), uses genfs_contexts
SELinux: initialized (dev autofs, type autofs), uses genfs_contexts
ieee80211_crypt: registered algorithm 'WEP'
eth1: no IPv6 routers present
Linux version 2.6.19-1.2911.fc6 (brewbuilder@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx) (gcc version 4.1.1
20070105 (Red Hat 4.1.1-51)) #1 SMP Sat Feb 10 15:51:47 EST 2007
BIOS-provided physical RAM map:
BIOS-e820: 0000000000000000 – 000000000009f800 (usable)
BIOS-e820: 000000000009f800 – 00000000000a0000 (reserved)
BIOS-e820: 00000000000dc000 – 0000000000100000 (reserved)
BIOS-e820: 0000000000100000 – 00000000003fe90000 (usable)
BIOS-e820: 00000000003fe90000 – 00000000003ff00000 (ACPI NVS)
BIOS-e820: 00000000003ff00000 – 000000000040000000 (reserved)
BIOS-e820: 00000000e0000000 – 00000000f0000000 (reserved)
BIOS-e820: 00000000fec00000 – 00000000fec10000 (reserved)
BIOS-e820: 00000000fed00000 – 00000000fed00400 (reserved)
BIOS-e820: 00000000fed14000 – 00000000fed1a000 (reserved)
BIOS-e820: 00000000fed1c000 – 00000000fed90000 (reserved)
```

Need pci=assign-busses for Acer Aspire 9410

BIOS-e820: 00000000fee00000 – 00000000fee01000 (reserved)
BIOS-e820: 00000000ff000000 – 0000000100000000 (reserved)
126MB HIGHMEM available.
896MB LOWMEM available.
found SMP MP-table at 000f5c80
Using x86 segment limits to approximate NX protection
Entering add_active_range(0, 0, 261776) 0 entries of 256 used
Zone PFN ranges:
DMA 0 -> 4096
Normal 4096 -> 229376
HighMem 229376 -> 261776
early_node_map[1] active PFN ranges
0: 0 -> 261776
On node 0 totalpages: 261776
DMA zone: 32 pages used for memmap
DMA zone: 0 pages reserved
DMA zone: 4064 pages, LIFO batch:0
Normal zone: 1760 pages used for memmap
Normal zone: 223520 pages, LIFO batch:31
HighMem zone: 253 pages used for memmap
HighMem zone: 32147 pages, LIFO batch:7
DMI present.
Using APIC driver default
ACPI: RSDP (v000 PTLTD) @ 0x000f5ae0
ACPI: RSDT (v001 PTLTD RSDT 0x06040000 LTP 0x00000000) @ 0x3fe95118
ACPI: FADT (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9ddee
ACPI: MADT (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9de62
ACPI: HPET (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9deca
ACPI: MCFG (v001 INTEL CALISTGA 0x06040000 LOHR 0x0000005a) @ 0x3fe9df02
ACPI: TCPA (v001 PTLTD CALISTGA 0x06040000 PTL 0x00000001) @ 0x3fe9df3e
ACPI: MADT (v001 PTLTD APIC 0x06040000 LTP 0x00000000) @ 0x3fe9df70
ACPI: BOOT (v001 PTLTD \$SBFTBL\$ 0x06040000 LTP 0x00000001) @ 0x3fe9dfd8
ACPI: SSDT (v001 SataRe SataPri 0x00001000 INTL 0x20050624) @ 0x3fe96862
ACPI: SSDT (v001 SataRe SataSec 0x00001000 INTL 0x20050624) @ 0x3fe961d0
ACPI: SSDT (v001 PmRef Cpu0Tst 0x00003000 INTL 0x20050624) @ 0x3fe956f8
ACPI: SSDT (v001 PmRef Cpu1Tst 0x00003000 INTL 0x20050624) @ 0x3fe95652
ACPI: SSDT (v001 PmRef CpuPm 0x00003000 INTL 0x20050624) @ 0x3fe9516c
ACPI: DSDT (v001 INTEL CALISTGA 0x06040000 MSFT 0x0100000e) @ 0x00000000
ACPI: PM-Timer IO Port: 0x1008
ACPI: Local APIC address 0xfec00000
ACPI: 2 duplicate APIC table ignored.
ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
Processor #0 6:14 APIC version 20
ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] enabled)
Processor #1 6:14 APIC version 20
ACPI: IOAPIC (id[0x01] address[0xfec00000] gsi_base[0])
IOAPIC[0]: apic_id 1, version 32, address 0xfec00000, GSI 0–23
ACPI: IOAPIC (id[0x02] address[0xfec28000] gsi_base[24])
IOAPIC[1]: apic_id 2, version 255, address 0xfec28000, GSI 24–279
ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)

Need pci=assign-busses for Acer Aspire 9410

ACPI: IRQ0 used by override.
ACPI: IRQ2 used by override.
ACPI: IRQ9 used by override.
Enabling APIC mode: Flat. Using 2 I/O APICs
ACPI: HPET id: 0x8086a201 base: 0xfed00000
Using ACPI (MADT) for SMP configuration information
Allocating PCI resources starting at 50000000 (gap: 40000000:a0000000)
Detected 1596.182 MHz processor.
Built 1 zonelists. Total pages: 259731
Kernel command line: ro root=LABEL=/ rhgb quiet combined_mode=libata pci=assign-busses
mapped APIC to fffd000 (fee00000)
mapped IOAPIC to fffc000 (fec00000)
mapped IOAPIC to fffb000 (fec28000)
Enabling fast FPU save and restore... done.
Enabling unmasked SIMD FPU exception support... done.
Initializing CPU#0
CPU 0 irqstacks, hard=c0806000 soft=c07e6000
PID hash table entries: 4096 (order: 12, 16384 bytes)
Console: colour VGA+ 80x25
Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
Memory: 1030900k/1047104k available (2210k kernel code, 15428k reserved, 1131k data, 240k init, 129600k highmem)
virtual kernel memory layout:
fixmap : 0xffc56000 – 0xfffff000 (3748 kB)
pkmap : 0xff800000 – 0xffc00000 (4096 kB)
vmalloc : 0xf8800000 – 0xff7fe000 (111 MB)
lowmem : 0xc0000000 – 0xf8000000 (896 MB)
.init : 0xc07a5000 – 0xc07e1000 (240 kB)
.data : 0xc0628a27 – 0xc07438f4 (1131 kB)
.text : 0xc0400000 – 0xc0628a27 (2210 kB)
Checking if this processor honours the WP bit even in supervisor mode... Ok.
hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
hpet0: 3 64-bit timers, 14318180 Hz
Using HPET for base-timer
Calibrating delay using timer specific routine.. 3195.97 BogoMIPS (lpj=1597985)
Security Framework v1.0.0 initialized
SELinux: Initializing.
SELinux: Starting in permissive mode
selinux_register_security: Registering secondary module capability
Capability LSM initialized as secondary
Mount-cache hash table entries: 512
CPU: After generic identify, caps: bfe9fbff 00100000 00000000 00000000 0000c189 00000000 00000000
monitor/mwait feature present.
using mwait in idle threads.
CPU: L1 I cache: 32K, L1 D cache: 32K
CPU: L2 cache: 2048K
CPU: Physical Processor ID: 0
CPU: Processor Core ID: 0
CPU: After all inits, caps: bfe9f3ff 00100000 00000000 00000940 0000c189 00000000 00000000
Intel machine check architecture supported.

Need pci=assign-busses for Acer Aspire 9410

```
Intel machine check reporting enabled on CPU#0.
Checking 'hlt' instruction... OK.
SMP alternatives: switching to UP code
ACPI: Core revision 20060707
CPU0: Intel Genuine Intel(R) CPU T2050 @ 1.60GHz stepping 08
SMP alternatives: switching to SMP code
Booting processor 1/1 eip 3000
CPU 1 irqstacks, hard=c0807000 soft=c07e7000
Initializing CPU#1
Calibrating delay using timer specific routine.. 3192.42 BogoMIPS (lpj=1596213)
CPU: After generic identify, caps: bfe9fbff 00100000 00000000 00000000 0000c189 00000000 00000000
monitor/mwait feature present.
CPU: L1 I cache: 32K, L1 D cache: 32K
CPU: L2 cache: 2048K
CPU: Physical Processor ID: 0
CPU: Processor Core ID: 1
CPU: After all inits, caps: bfe9f3ff 00100000 00000000 00000940 0000c189 00000000 00000000
Intel machine check architecture supported.
Intel machine check reporting enabled on CPU#1.
CPU1: Intel Genuine Intel(R) CPU T2050 @ 1.60GHz stepping 08
Total of 2 processors activated (6388.39 BogoMIPS).
ENABLING IO-APIC IRQs
..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
checking TSC synchronization across 2 CPUs: passed.
Brought up 2 CPUs
sizeof(vma)=84 bytes
sizeof(page)=32 bytes
sizeof(inode)=424 bytes
sizeof(dentry)=144 bytes
sizeof(ext3inode)=600 bytes
sizeof(buffer_head)=56 bytes
sizeof(skbuff)=172 bytes
sizeof(task_struct)=1376 bytes
migration_cost=53
checking if image is initramfs... it is
Freeing initrd memory: 1527k freed
NET: Registered protocol family 16
ACPI: bus type pci registered
PCI: Using MMCONFIG
Setting up standard PCI resources
ACPI: Interpreter enabled
ACPI: Using IOAPIC for interrupt routing
ACPI: PCI Root Bridge [PCI0] (0000:00)
PCI: Probing PCI hardware (bus 00)
PCI quirk: region 1000-107f claimed by ICH6 ACPI/GPIO/TCO
PCI quirk: region 1180-11bf claimed by ICH6 GPIO
PCI: Ignoring BAR0-3 of IDE controller 0000:00:1f.2
Boot video device is 0000:01:00.0
PCI: Transparent bridge - 0000:00:1e.0
ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PEGP._PRT]
```

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

```
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP01._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP02._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP03._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.RP04._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PCIB._PRT]
ACPI: PCI Interrupt Link [LNKA] (IRQs 10 *11)
ACPI: PCI Interrupt Link [LNKB] (IRQs 10 *11)
ACPI: PCI Interrupt Link [LNKC] (IRQs *10 11)
ACPI: PCI Interrupt Link [LNKD] (IRQs *10 11)
ACPI: PCI Interrupt Link [LNKE] (IRQs 10 11) *0, disabled.
ACPI: PCI Interrupt Link [LNKF] (IRQs 10 11) *0, disabled.
ACPI: PCI Interrupt Link [LNKG] (IRQs *10 11)
ACPI: PCI Interrupt Link [LNKH] (IRQs 10 *11)
Linux Plug and Play Support v0.97 (c) Adam Belay
pnp: PnP ACPI: init
pnp: PnP ACPI: found 11 devices
usbcore: registered new interface driver usbfs
usbcore: registered new interface driver hub
usbcore: registered new device driver usb
PCI: Using ACPI for IRQ routing
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
NetLabel: Initializing
NetLabel: domain hash size = 128
NetLabel: protocols = UNLABELED CIPSOv4
NetLabel: unlabeled traffic allowed by default
pnp: 00:07: ioport range 0x6a0-0x6af has been reserved
pnp: 00:07: ioport range 0x6b0-0x6ff has been reserved
PCI: Failed to allocate mem resource #6:20000@c0000000 for 0000:01:00.0
PCI: Bridge: 0000:00:01.0
IO window: disabled.
MEM window: d0000000-d1ffffff
PREFETCH window: b0000000-bfffffff
PCI: Bridge: 0000:00:1c.0
IO window: 2000-2fff
MEM window: c8000000-c9ffffff
PREFETCH window: c0000000-c1ffffff
PCI: Bridge: 0000:00:1c.1
IO window: 3000-3fff
MEM window: ca000000-cbfffffff
PREFETCH window: c2000000-c3ffffff
PCI: Bridge: 0000:00:1c.2
IO window: 4000-4fff
MEM window: cc000000-cdfffffff
PREFETCH window: c4000000-c5ffffff
PCI: Bridge: 0000:00:1c.3
IO window: 5000-5fff
MEM window: ce000000-cfffffff
PREFETCH window: c6000000-c7ffffff
PCI: Bus 7, cardbus bridge: 0000:06:06.0
IO window: 00006000-000060ff
IO window: 00006400-000064ff
```

Need pci=assign-busses for Acer Aspire 9410

Need pci=assign-busses for Acer Aspire 9410

PREFETCH window: 50000000-51ffffff
MEM window: 52000000-53ffffff
PCI: Bridge: 0000:00:1e.0
IO window: 6000-6fff
MEM window: d2000000-d20ffffff
PREFETCH window: 50000000-51ffffff
ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:01.0 to 64
ACPI: PCI Interrupt 0000:00:1c.0[A] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:00:1c.0 to 64
ACPI: PCI Interrupt 0000:00:1c.1[B] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1c.1 to 64
ACPI: PCI Interrupt 0000:00:1c.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1c.2 to 64
ACPI: PCI Interrupt 0000:00:1c.3[D] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1c.3 to 64
PCI: Enabling device 0000:00:1e.0 (0104 -> 0107)
PCI: Setting latency timer of device 0000:00:1e.0 to 64
ACPI: PCI Interrupt 0000:06:06.0[A] -> GSI 22 (level, low) -> IRQ 20
NET: Registered protocol family 2
IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
TCP established hash table entries: 131072 (order: 9, 2621440 bytes)
TCP bind hash table entries: 65536 (order: 8, 1310720 bytes)
TCP: Hash tables configured (established 131072 bind 65536)
TCP reno registered
Simple Boot Flag at 0x36 set to 0x1
apm: BIOS not found.
audit: initializing netlink socket (disabled)
audit(1172704776.193:1): initialized
highmem bounce pool size: 64 pages
Total HugeTLB memory allocated, 0
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
SELinux: Registering netfilter hooks
ksign: Installing public key data
Loading keyring
- Added public key BE1C9570C411C444
- User ID: Red Hat, Inc. (Kernel Module GPG key)
io scheduler noop registered
io scheduler anticipatory registered
io scheduler deadline registered
io scheduler cfq registered (default)
PCI: Setting latency timer of device 0000:00:01.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:01.0:pcie00]
Allocate Port Service[0000:00:01.0:pcie03]
PCI: Setting latency timer of device 0000:00:1c.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.0:pcie00]
Allocate Port Service[0000:00:1c.0:pcie02]
Allocate Port Service[0000:00:1c.0:pcie03]

Need pci=assign-busses for Acer Aspire 9410

```
PCI: Setting latency timer of device 0000:00:1c.1 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.1:pcie00]
Allocate Port Service[0000:00:1c.1:pcie02]
Allocate Port Service[0000:00:1c.1:pcie03]
PCI: Setting latency timer of device 0000:00:1c.2 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.2:pcie00]
Allocate Port Service[0000:00:1c.2:pcie02]
Allocate Port Service[0000:00:1c.2:pcie03]
PCI: Setting latency timer of device 0000:00:1c.3 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.3:pcie00]
Allocate Port Service[0000:00:1c.3:pcie02]
Allocate Port Service[0000:00:1c.3:pcie03]
pci_hotplug: PCI Hot Plug PCI Core version: 0.5
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu0Ist] [20060707]
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu0Cst] [20060707]
ACPI: CPU0 (power states: C1[C1] C2[C2] C3[C3])
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu1Ist] [20060707]
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [ PmRef] OemTableId [ Cpu1Cst] [20060707]
ACPI: CPU1 (power states: C1[C1] C2[C2] C3[C3])
ACPI: Thermal Zone [TZS0] (42 C)
ACPI: Thermal Zone [TZS1] (50 C)
isapnp: Scanning for PnP cards...
isapnp: No Plug & Play device found
Real Time Clock Driver v1.12ac
Non-volatile memory driver v1.2
Linux agpgart interface v0.101 (c) Dave Jones
agpgart: Detected an Intel 945GM Chipset.
agpgart: AGP aperture is 256M @ 0x0
Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing enabled
RAMDISK driver initialized: 16 RAM disks of 16384K size 4096 blocksize
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
ide0: I/O resource 0x1F0-0x1F7 not free.
ide0: ports already in use, skipping probe
ide1: I/O resource 0x170-0x177 not free.
ide1: ports already in use, skipping probe
ide-floppy driver 0.99.newide
Yenta: CardBus bridge found at 0000:06:06.0 [1025:0107]
Yenta: Using CSCINT to route CSC interrupts to PCI
Yenta: Routing CardBus interrupts to PCI
Yenta TI: socket 0000:06:06.0, mfunc 0x01aa1b22, devctl 0x64
Yenta: ISA IRQ mask 0x0cf8, PCI irq 20
Socket status: 30000006
pcmcia: parent PCI bridge I/O window: 0x6000 - 0x6fff
cs: IO port probe 0x6000-0x6fff: clean.
pcmcia: parent PCI bridge Memory window: 0xd2000000 - 0xd20fffff
pcmcia: parent PCI bridge Memory window: 0x50000000 - 0x51ffffff
usbcore: registered new interface driver libusual
```

Need pci=assign-busses for Acer Aspire 9410

```
usbcore: registered new interface driver hiddev
usbcore: registered new interface driver usbhid
drivers/usb/input/hid-core.c: v2.6:USB HID core driver
PNP: PS/2 Controller [PNP0303:KBD0,PNP0f13:PS2M] at 0x60,0x64 irq 1,12
i8042.c: Detected active multiplexing controller, rev 1.1.
serio: i8042 KBD port at 0x60,0x64 irq 1
serio: i8042 AUX0 port at 0x60,0x64 irq 12
serio: i8042 AUX1 port at 0x60,0x64 irq 12
serio: i8042 AUX2 port at 0x60,0x64 irq 12
serio: i8042 AUX3 port at 0x60,0x64 irq 12
mouse: PS/2 mouse device common for all mice
TCP bic registered
Initializing XFRM netlink socket
NET: Registered protocol family 1
NET: Registered protocol family 17
Using IPI No-Shortcut mode
ACPI: (supports S0 S3 S4 S5)
Time: tsc clocksource has been installed.
Freeing unused kernel memory: 240k freed
Write protecting the kernel read-only data: 415k
Time: hpet clocksource has been installed.
input: AT Translated Set 2 keyboard as /class/input/input0
USB Universal Host Controller Interface driver v3.0
ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 23 (level, low) -> IRQ 21
PCI: Setting latency timer of device 0000:00:1d.0 to 64
uhci_hcd 0000:00:1d.0: UHCI Host Controller
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 1
uhci_hcd 0000:00:1d.0: irq 21, io base 0x00001800
usb usb1: configuration #1 chosen from 1 choice
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1d.1 to 64
uhci_hcd 0000:00:1d.1: UHCI Host Controller
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 2
uhci_hcd 0000:00:1d.1: irq 19, io base 0x00001820
usb usb2: configuration #1 chosen from 1 choice
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1d.2 to 64
uhci_hcd 0000:00:1d.2: UHCI Host Controller
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 3
uhci_hcd 0000:00:1d.2: irq 18, io base 0x00001840
usb usb3: configuration #1 chosen from 1 choice
hub 3-0:1.0: USB hub found
hub 3-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.3[D] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1d.3 to 64
uhci_hcd 0000:00:1d.3: UHCI Host Controller
uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 4
```

Need pci=assign-busses for Acer Aspire 9410

```
uhci_hcd 0000:00:1d.3: irq 16, io base 0x00001860
usb usb4: configuration #1 chosen from 1 choice
hub 4-0:1.0: USB hub found
hub 4-0:1.0: 2 ports detected
ohci_hcd: 2006 August 04 USB 1.1 'Open' Host Controller (OHCI) Driver (PCI)
ACPI: PCI Interrupt 0000:00:1d.7[A] -> GSI 23 (level, low) -> IRQ 21
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: EHCI Host Controller
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 5
ehci_hcd 0000:00:1d.7: debug port 1
PCI: cache line size of 32 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: irq 21, io mem 0xd2304000
ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb5: configuration #1 chosen from 1 choice
hub 5-0:1.0: USB hub found
hub 5-0:1.0: 8 ports detected
SCSI subsystem initialized
libata version 2.00 loaded.
ata_piix 0000:00:1f.2: version 2.00ac6
ata_piix 0000:00:1f.2: MAP [ IDE IDE P1 P3 ]
ACPI: PCI Interrupt 0000:00:1f.2[B] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1f.2 to 64
ata1: PATA max UDMA/100 cmd 0x1F0 ctl 0x3F6 bmdma 0x18B0 irq 14
ata2: SATA max UDMA/133 cmd 0x170 ctl 0x376 bmdma 0x18B8 irq 15
scsi0 : ata_piix
ata1.00: ATA-6, max UDMA/100, 234441648 sectors: LBA48
ata1.00: ata1: dev 0 multi count 16
ata1.01: ATAPI, max UDMA/33
ata1.00: configured for UDMA/100
ata1.01: configured for UDMA/33
scsi1 : ata_piix
ATA: abnormal status 0x7F on port 0x177
scsi 0:0:0:0: Direct-Access ATA ST9120821A 3.06 PQ: 0 ANSI: 5
SCSI device sda: 234441648 512-byte hdwr sectors (120034 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
SCSI device sda: 234441648 512-byte hdwr sectors (120034 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
sda:<6>Synaptics Touchpad, model: 1, fw: 6.2, id: 0x1280b1, caps: 0xa04713/0x204000
input: SynPS/2 Synaptics TouchPad as /class/input/input1
psmouse.c: TouchPad at isa0060/serio4/input0 lost sync at byte 1
sda1 sda2 sda3 sda4 < sda5 sda6 sda7 sda8 >
sd 0:0:0:0: Attached scsi disk sda
scsi 0:0:1:0: CD-ROM PHILIPS DVD-RAM SDVD8821 EX02 PQ: 0 ANSI: 5
Initializing USB Mass Storage driver...
usbcore: registered new interface driver usb-storage
USB Mass Storage support registered.
Synaptics Touchpad, model: 1, fw: 6.2, id: 0x1280b1, caps: 0xa04713/0x204000
```

Need pci=assign-busses for Acer Aspire 9410

input: SynPS/2 Synaptics TouchPad as /class/input/input2
kjournald starting. Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
security: 3 users, 6 roles, 1604 types, 174 bools, 1 sens, 1024 cats
security: 59 classes, 50459 rules
SELinux: Completing initialization.
SELinux: Setting up existing superblocks.
SELinux: initialized (dev sda6, type ext3), uses xattr
SELinux: initialized (dev usbfs, type usbfs), uses genfs_contexts
SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
SELinux: initialized (dev debugfs, type debugfs), uses genfs_contexts
SELinux: initialized (dev selinuxfs, type selinuxfs), uses genfs_contexts
SELinux: initialized (dev mqueue, type mqueue), uses transition SIDs
SELinux: initialized (dev hugetlbfs, type hugetlbfs), uses genfs_contexts
SELinux: initialized (dev devpts, type devpts), uses transition SIDs
SELinux: initialized (dev eventpollfs, type eventpollfs), uses task SIDs
SELinux: initialized (dev inotifyfs, type inotifyfs), uses genfs_contexts
SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
SELinux: initialized (dev futexfs, type futexfs), uses genfs_contexts
SELinux: initialized (dev pipefs, type pipefs), uses task SIDs
SELinux: initialized (dev sockfs, type sockfs), uses task SIDs
SELinux: initialized (dev cpuset, type cpuset), not configured for labeling
SELinux: initialized (dev proc, type proc), uses genfs_contexts
SELinux: initialized (dev bdev, type bdev), uses genfs_contexts
SELinux: initialized (dev rootfs, type rootfs), uses genfs_contexts
SELinux: initialized (dev sysfs, type sysfs), uses genfs_contexts
audit(1172704787.291:2): policy loaded auid=4294967295
iTCO_wdt: Intel TCO WatchDog Timer Driver v1.00 (08-Oct-2006)
iTCO_wdt: failed to reset NO_REBOOT flag, reboot disabled by hardware
iTCO_wdt: No card detected
intel_rng: FWH not detected
ieee80211_crypt: registered algorithm 'NULL'
ieee80211: 802.11 data/management/control stack, git-1.1.13
ieee80211: Copyright (C) 2004-2005 Intel Corporation <jketreno@xxxxxxxxxxxxxxxxxx>
ACPI: PCI Interrupt 0000:06:06.2[A] -> GSI 22 (level, low) -> IRQ 20
ipw3945: Intel(R) PRO/Wireless 3945 Network Connection driver for Linux, 1.2.0d
ipw3945: Copyright(c) 2003-2006 Intel Corporation
ACPI: PCI Interrupt 0000:04:00.0[A] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:04:00.0 to 64
ipw3945: Detected Intel PRO/Wireless 3945ABG Network Connection
sd 0:0:0:0: Attached scsi generic sg0 type 0
scsi 0:0:1:0: Attached scsi generic sg1 type 5
input: PC Speaker as /class/input/input3
sdhci: Secure Digital Host Controller Interface driver, 0.12
sdhci: Copyright(c) Pierre Ossman
sdhci: SDHCI controller found at 0000:06:06.3 [104c:803c] (rev 0)
ACPI: PCI Interrupt 0000:06:06.3[A] -> GSI 22 (level, low) -> IRQ 20
mmc0: SDHCI at 0xd2005800 irq 20 PIO
r8169 Gigabit Ethernet driver 2.2LK-NAPI loaded
ACPI: PCI Interrupt 0000:02:00.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:02:00.0 to 64

Need pci=assign-busses for Acer Aspire 9410

eth0: RTL8168b/8111b at 0xf89d8000, 00:16:d3:4a:34:66, IRQ 16
ACPI: PCI Interrupt 0000:00:1f.3[B] -> GSI 19 (level, low) -> IRQ 19
cs: IO port probe 0x100-0x3af: excluding 0x370-0x377
cs: IO port probe 0x3e0-0x4ff: excluding 0x3f0-0x3f7 0x4d0-0x4d7
cs: IO port probe 0x820-0x8ff: clean.
cs: IO port probe 0xc00-0xcf7: clean.
cs: IO port probe 0xa00-0xaf7: clean.
nvidia: module license 'NVIDIA' taints kernel.
ACPI: PCI Interrupt 0000:01:00.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:01:00.0 to 64
NVRM: loading NVIDIA Linux x86 Kernel Module 1.0-9631 Thu Nov 9 17:38:10 PST 2006
ACPI: PCI Interrupt 0000:00:1b.0[A] -> GSI 22 (level, low) -> IRQ 20
PCI: Setting latency timer of device 0000:00:1b.0 to 64
sr0: scsi3-mmc drive: 24x/24x writer dvd-ram cd/rw xa/form2 cdda tray
Uniform CD-ROM driver Revision: 3.20
sr 0:0:1:0: Attached scsi CD-ROM sr0
floppy0: no floppy controllers found
lp: driver loaded but no devices found
sonypi: Sony Programmable I/O Controller Driver v1.26.
SELinux: initialized (dev ramfs, type ramfs), uses genfs_contexts
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
Mobile IPv6
ACPI: AC Adapter [ADP1] (on-line)
ACPI: Battery Slot [BAT0] (battery present)
ACPI: Power Button (FF) [PWRF]
ACPI: Lid Switch [LID0]
ACPI: Sleep Button (CM) [SLPB]
ibm_acpi: ec object not found
ACPI: Video Device [VGA] (multi-head: yes rom: no post: no)
ACPI: Video Device [GFX0] (multi-head: yes rom: no post: no)
md: Autodetecting RAID arrays.
md: autorun ...
md: ... autorun DONE.
device-mapper: ioctl: 4.10.0-ioctl (2006-09-14) initialised: dm-devel@xxxxxxxxxxx
device-mapper: multipath: version 1.0.5 loaded
EXT3 FS on sda6, internal journal
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda5, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
SELinux: initialized (dev sda5, type ext3), uses xattr
SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda8, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
SELinux: initialized (dev sda8, type ext3), uses xattr
SELinux: initialized (dev sda2, type vfat), uses genfs_contexts
SELinux: initialized (dev sda3, type vfat), uses genfs_contexts
Adding 2249060k swap on /dev/sda7. Priority:-1 extents:1 across:2249060k
SELinux: initialized (dev binfmt_misc, type binfmt_misc), uses genfs_contexts
audit(1172701213.230:3): avc: denied { dac_override } for pid=1951 comm="ip6tables-resto" capability=1

Need pci=assign-busses for Acer Aspire 9410

```
scontext=system_u:system_r:iptables_t:s0 tcontext=system_u:system_r:iptables_t:s0 tclass=capability
audit(1172701213.230:4): avc: denied { read } for pid=1951 comm="ip6tables-restore" name="ip6tables"
dev=sda6 ino=1798830 scontext=system_u:system_r:iptables_t:s0 tcontext=user_u:object_r:user_home_t:s0
tclass=file
audit(1172701213.230:5): avc: denied { getattr } for pid=1951 comm="ip6tables-restore" name="ip6tables"
dev=sda6 ino=1798830 scontext=system_u:system_r:iptables_t:s0 tcontext=user_u:object_r:user_home_t:s0
tclass=file
ip6_tables: (C) 2000–2006 Netfilter Core Team
ip_tables: (C) 2000–2006 Netfilter Core Team
Netfilter messages via NETLINK v0.30.
ip_conntrack version 2.4 (8180 buckets, 65440 max) – 232 bytes per conntrack
process `sysctl' is using deprecated sysctl (syscall) net.ipv6.neigh.lo.retrans_time; Use
net.ipv6.neigh.lo.retrans_time_ms instead.
r8169: eth0: link down
ADDRCONF(NETDEV_UP): eth0: link is not ready
SELinux: initialized (dev rpc_pipefs, type rpc_pipefs), uses genfs_contexts
ACPI: PCI interrupt for device 0000:04:00.0 disabled
ieee80211_crypt: unregistered algorithm 'NULL'
ieee80211_crypt: registered algorithm 'NULL'
ieee80211: 802.11 data/management/control stack, git-1.1.13
ieee80211: Copyright (C) 2004–2005 Intel Corporation <jketreno@xxxxxxxxxxxxxxxx>
ipw3945: Intel(R) PRO/Wireless 3945 Network Connection driver for Linux, 1.2.0d
ipw3945: Copyright(c) 2003–2006 Intel Corporation
ACPI: PCI Interrupt 0000:04:00.0[A] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:04:00.0 to 64
ipw3945: Detected Intel PRO/Wireless 3945ABG Network Connection
ipw3945: Detected geography ABG (13 802.11bg channels, 23 802.11a channels)
Bluetooth: Core ver 2.11
NET: Registered protocol family 31
Bluetooth: HCI device and connection manager initialized
Bluetooth: HCI socket layer initialized
Bluetooth: L2CAP ver 2.8
Bluetooth: L2CAP socket layer initialized
Bluetooth: RFCOMM socket layer initialized
Bluetooth: RFCOMM TTY layer initialized
Bluetooth: RFCOMM ver 1.8
Bluetooth: HIDP (Human Interface Emulation) ver 1.1
SELinux: initialized (dev autofs, type autofs), uses genfs_contexts
SELinux: initialized (dev autofs, type autofs), uses genfs_contexts
SELinux: initialized (dev autofs, type autofs), uses genfs_contexts
ieee80211_crypt: registered algorithm 'WEP'
eth1: no IPv6 routers present
```