
IPC-BX950T1D ubuntu 12.04 インストール確認書
ubuntu-12.04-desktop-i386.iso

株式会社コンテック

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1 調査環境

1.1 ハードウェア

IPC-BX950T1D

ハードウェアの詳細なスペックについては、ユーザーズマニュアルを参照してください。

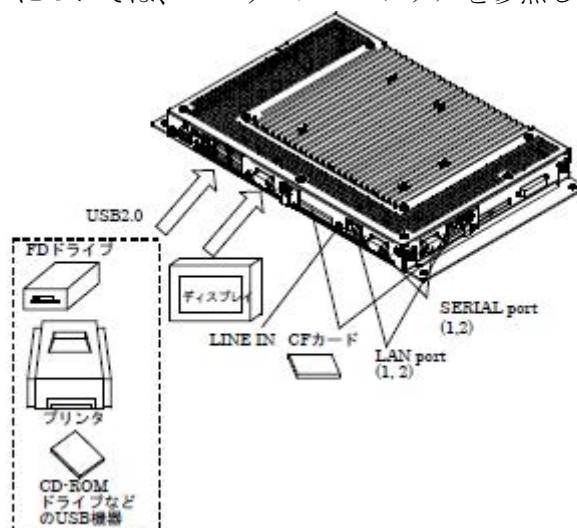


図 1 ハードウェアの接続形態

※マウス、モニタ等は省略しています。

※マイクが無い場合(マイク感度が悪く音が拾えない場合)は、マイク代替としてPCのLine-OUTからLine-INへ直接接続でも可能です。

1.2 ソフトウェア

本調査で使用したディストリビューションについては以下の通りです。

- ubuntu-12.04

バージョン情報

```
root@localhost:~# cat /proc/version
Linux version 3.2.0-33-generic-pae (buildd@lamiak) (gcc version 4.6.3 (Ubuntu/Linaro 4.6.3-1ubuntu5) )
#52-Ubuntu SMP Thu Oct 18 16:39:21 UTC 2012
root@localhost:~#
```

2 調査項目の手順と結果

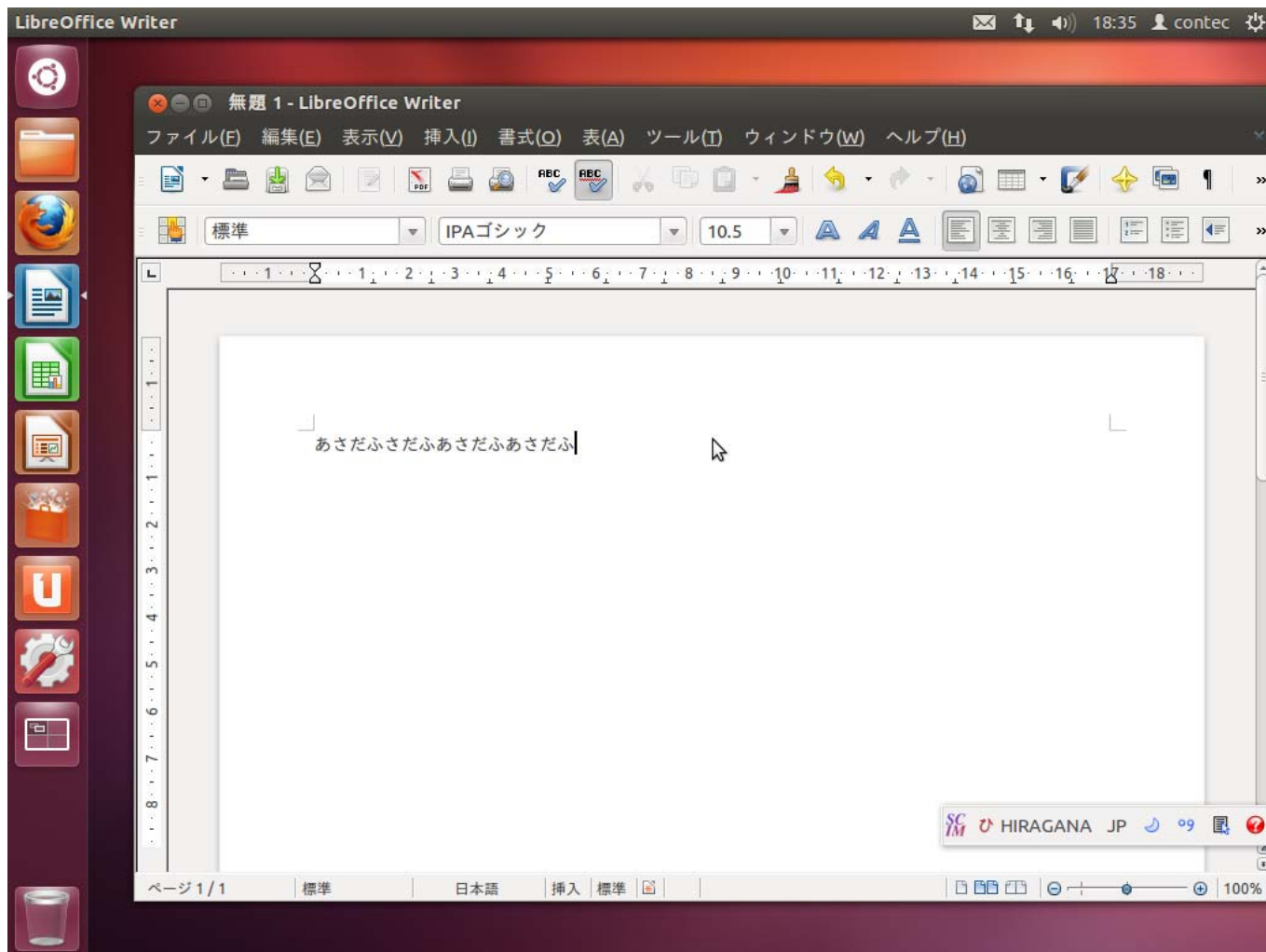
本調査では以下の内容を調査致しました。また、インストール後に行った調査に関しましては、root 権限にて実行しています。

表 1 調査結果

調査項目		確認内容	結果	備考
OS		USB 接続メディアよりインストール出来る事 正常に通常インストールが可能	○	
メモリ		free の内容確認	○	付録参照
USB	キーボード	キーボード、マウスが正常に動作する事 インストール DVD からインストール作業が正常 に行える事	○	インストール時及び OS 入力後共正常
	マウス		○	インストール時及び OS 入力後共正常
	CD/DVD		○	インストール時正常認識 OS インストール後 auto mount 確認
日本語入力		日本語入力を行い表示できる事	○	
DVI		ディスプレイを接続し正しく表示される事	○	
シリアルポート		シリアルポートより通信が出来ること	○	
ライン出力		イヤフォンを接続し音の出力が確認出来る事	○	イヤフォンにて音声確認
マイク入力		外部から音声入力し録音出来る事		マイク入力なし
LAN		DHCP でネットワーク情報が取得出来る事	○	DHCP サーバより IP address 取得確認。 Apt-get にてパッケージインストールが可能
CF		FAT32 でフォーマットした CF を CF2 に挿入し、 読み書きすることができるか。	○	
Power Management	スタンバイ(S1 ステート)動作		○	正常動作
	サスペンド(S3 ステート)動作			IPC-BX950T1D の BIOS がサポートしていないため。
	ハイバネーション(S4 ステート)動作		○	正常動作
	システム終了時の電源 OFF(S5 ステート)動作		○	正常動作

2.1 Console 日本語入力

GNOME 画面上で「Ctrl」 + 「space」または「半角/全角 キー」を押下します。
画面に日本語のコントロールが表示します。



2.2 シリアルポート

文字列の送受信テスト

IPC-BX950T1D の COM1 と COM2 にクロスケーブルを用いて接続します。

ターミナルウィンドウを2つ起動してください。片側のターミナルウィンドウで、以下のコマンドを入力してください。このコマンドを入力した方が受信側となります。

```
[root@localhost ~]# cat /dev/ttyS0  
[root@localhost ~]#
```

もう片方が送信側です。以下のコマンドを入力して文字列（aiueo）を送信してください。

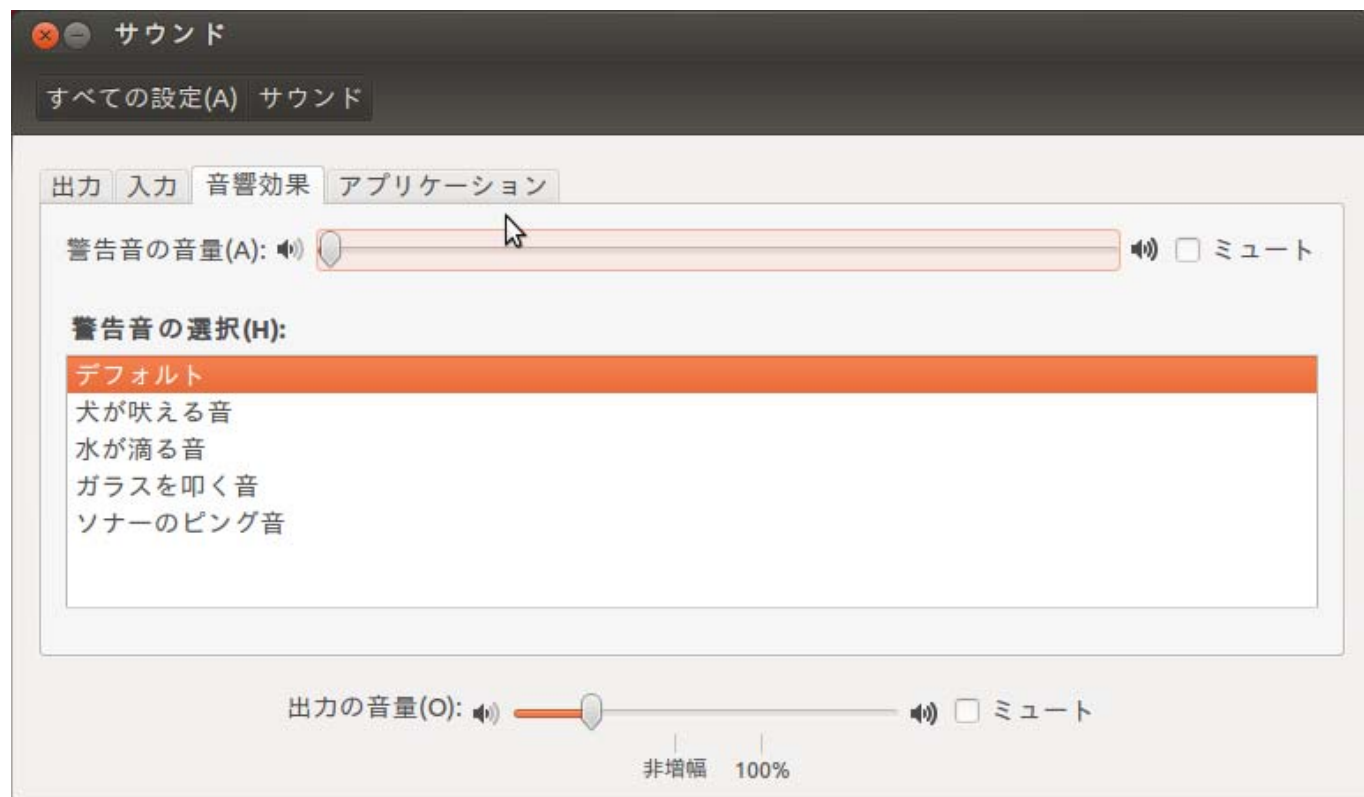
```
[root@localhost ~]# echo aiueo > /dev/ttyS1  
[root@localhost ~]#
```

受信側のターミナルウィンドウに送信側のターミナルウィンドウから送信したテキストが表示されれば、正常に通信が来ています。以下の画面が表示されます。



2.3 LINE 出力

デスクトップのタスクバーより、「システム」→「設定」→「サウンド」を開きます。
以下の画面が表示され、ラジオ釦を押すとイヤフォンに音出力されるのを確認します。



2.4 CF

FAT32でフォーマットしたCF（容量4.0GB）をCF2スロットに挿入し、IPC-BX950T1Dの電源をONします。Linux起動後、デスクトップ操作メニューの「場所」→「ファイルシステム 4.0GB（容量の表示はCF容量に依存します）」が表示され、自動的にマウントされていることを確認します。

下記コマンドの「B018-9CFB」は自動的にマウントが行われ名前が設定されたものなので、同じディレクトリ名になるとは限りません。

端末上よりマウントの確認を行います。

```
[root@localhost]# mount
<省略>
/dev/sdb1 on /media/ B018-9CFB type vfat (rw)
[root@localhost]#
```

テキストファイルの読み書きを行います。

```
[root@localhost]# echo hello > /media/ B018-9CFB /hello.txt
[root@localhost]# cat /media/ B018-9CFB /hello.txt
hello
[root@localhost]#
```

アンマウントを行い、ファイルが読めなくなる事を確認します。

```
[root@localhost]# umount /media/ B018-9CFB
[root@localhost]# ls /media/ B018-9CFB
[root@localhost]#
```

マウントを行い、ファイルが読めるようになる事を確認します。

```
[root@localhost]# mount -t vfat /dev/sdb1 /media/ B018-9CFB
[root@localhost]# ls /media/ B018-9CFB
[root@localhost]#
```

2.6 PowerManagement

2.6.1 S1, S3, S4 ステート

パワーマネジメントステータスを確認し、サスペンド処理が使用可の状態か確認を行います。

```
[root@localhost ~]# cat /sys/power/state
standby disk
[root@localhost ~]#
```

このシステムは、スタンバイ(standby)とハイバネーション(disk)をサポートしていると表示されますが IPC-BX950T1D の BIOS はハイバネーションをサポートしていないため、ご利用になれません。

表 2 /sys/power/state

出力文字	意味	ACPI 状態	関連コマンド
standby	スタンバイ	S1	
mem	サスペンド	S3	pm-suspend
disk	ハイバネーション	S4	pm-hibernate

スタンバイ機能(ACPI S1 ステート)は、以下で動作を確認することができます。

```
[root@localhost ~]# echo -n standby > /sys/power/state
```

スタンバイ状態に遷移したら、電源スイッチを ON してください。
Linux の復帰を確認できます。

2.6.2 S5 ステート

シャットダウンコマンドを実行してください。

シャットダウン終了後、本体の電源が OFF になることを確認できます。

```
[root@localhost ~]# shutdown -h now
```

3 付録

3.1 メモリの確認

```
root@localhost:~# free
              total        used        free      shared    buffers     cached
Mem:       1016024        667000        349024           0         49020        392860
-/+ buffers/cache:    225120        790904
Swap:      498684            0       498684
root@localhost:~#
```

3.2 runlevel 対応サービス

```
root@localhost:~# sysv-rc-conf --list
acpi-support 1:off      2:on      3:on      4:on      5:on
acpid
alsa-restore
alsa-store
anacron
apparmor      S:on
appport
atd
avahi-daemon
bluetooth
bootlogd
brltty      S:on
console-setup
cron
cups
dbus
dmesg
dns-clean  1:on      2:on      3:on      4:on      5:on
failsafe-x
friendly-rec
grub-common 2:on      3:on      4:on      5:on
halt        0:on
hostname
hwclock
hwclock-save
irqbalance
kerneloops 1:off      2:on      3:on      4:on      5:on
killprocs  1:on
lightdm
modemmanager
module-init
network-inte
network-inte
network-inte
network-mana
networking 0:on      6:on
ondemand    2:on      3:on      4:on      5:on
passwd
plymouth
plymouth-log
plymouth-spl
plymouth-sto
plymouth-ups
pppd-dns    1:on      2:on      3:on      4:on      5:on
procps
pulseaudio  1:off      2:on      3:on      4:on      5:on
rc.local    2:on      3:on      4:on      5:on
reboot      6:on
resolvconf
rfkill-resto
rfkill-store
rsync       2:on      3:on      4:on      5:on
rsyslog
saned       1:off      2:on      3:on      4:on      5:on
sendsigs    0:on      6:on
setvtrgb
single      1:on
speech-dispa 0:off      1:off      2:on      3:on      4:on      5:on      6:off
stop-bootlog
stop-bootlog
sudo        2:on      3:on      4:on      5:on
udev
udev-fallbac
udev-finish
```

```
udevmonitor
udevtrigger
ufw
umountfs      0:on      6:on
umountroot    0:on      6:on
unattended-u  0:off      6:off
urandom        0:on      6:on      S:on
whoopsie
x11-common    S:on
root@localhost:~#
```

3.3 CPU 情報

```
root@localhost:~# cat /proc/cpuinfo
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 6
model         : 14
model name    : Intel(R) Core(TM) Duo CPU       U2500  @ 1.20GHz
stepping      : 12
microcode     : 0x54
cpu MHz       : 800.000
cache size    : 2048 KB
physical id    : 0
siblings      : 2
core id       : 0
cpu cores     : 2
apicid        : 0
initial apicid: 0
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 10
wp            : yes
flags          : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe nx constant_tsc
arch_perfmon  : bts aperfmperf pni monitor vmx est tm2 xtpr pdcm dtherm
bogomips      : 2394.07
clflush size   : 64
cache_alignment : 64
address sizes   : 32 bits physical, 32 bits virtual
power management:

processor      : 1
vendor_id     : GenuineIntel
cpu family    : 6
model         : 14
model name    : Intel(R) Core(TM) Duo CPU       U2500  @ 1.20GHz
stepping      : 12
microcode     : 0x54
cpu MHz       : 800.000
cache size    : 2048 KB
physical id    : 0
siblings      : 2
core id       : 1
cpu cores     : 2
apicid        : 1
initial apicid: 1
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 10
wp            : yes
flags          : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe nx constant_tsc
arch_perfmon  : bts aperfmperf pni monitor vmx est tm2 xtpr pdcm dtherm
bogomips      : 2394.24
clflush size   : 64
cache_alignment : 64
address sizes   : 32 bits physical, 32 bits virtual
power management:

[root@localhost ~]#
```

3.4 メモリ情報

```
root@localhost:~# cat /proc/meminfo
MemTotal:      1016024 kB
MemFree:       349404 kB
Buffers:       49072 kB
Cached:        392884 kB
SwapCached:    0 kB
Active:        266080 kB
Inactive:      353088 kB
Active(anon):  177908 kB
Inactive(anon): 96804 kB
Active(file):  88172 kB
Inactive(file): 256284 kB
Unevictable:   0 kB
Mlocked:       0 kB
HighTotal:     125832 kB
HighFree:      1680 kB
LowTotal:      890192 kB
LowFree:       347724 kB
SwapTotal:     498684 kB
SwapFree:      498684 kB
Dirty:         72 kB
Writeback:     0 kB
AnonPages:     177212 kB
Mapped:        110616 kB
Shmem:         97500 kB
Slab:          28676 kB
SReclaimable:  16184 kB
SUnreclaim:    12492 kB
KernelStack:   2504 kB
PageTables:    5904 kB
NFS_Unstable:  0 kB
Bounce:        0 kB
WritebackTmp:  0 kB
CommitLimit:   1006696 kB
Committed_AS:  1857832 kB
VmallocTotal:  122880 kB
VmallocUsed:    9820 kB
VmallocChunk:  110012 kB
HardwareCorrupted: 0 kB
AnonHugePages: 0 kB
HugePages_Total: 0
HugePages_Free: 0
HugePages_Rsvd: 0
HugePages_Surp: 0
Hugepagesize:  2048 kB
DirectMap4k:   28664 kB
DirectMap2M:   884736 kB
[root@localhost ~]#
```

3.5 カーネル モジュールメッセージ

```

root@localhost:~# dmesg
[ 0.000000] Initializing cgroup subsys cpuset
[ 0.000000] Initializing cgroup subsys cpu
[ 0.000000] Linux version 3.2.0-33-generic-pae (buildd@lamiak) (gcc version 4.6.3 (Ubuntu/Linaro 4.6.3-1ubuntu5)) #52-Ubuntu SMP Thu Oct 18 16:39:21
UTC 2012 (Ubuntu 3.2.0-33.52-generic-pae 3.2.31)
[ 0.000000] KERNEL supported cpus:
[ 0.000000]   Intel GenuineIntel
[ 0.000000]   AMD AuthenticAMD
[ 0.000000]   NSC Geode by NSC
[ 0.000000]   Cyrix CyrixInstead
[ 0.000000]   Centaur CentaurHauls
[ 0.000000]   Transmeta GenuineTMx86
[ 0.000000]   Transmeta TransmetaCPU
[ 0.000000]   UMC UMC UMC UMC
[ 0.000000] Disabled fast string operations
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: 0000000000000000 - 0000000000009f400 (usable)
[ 0.000000] BIOS-e820: 0000000000009f400 - 000000000000a0000 (reserved)
[ 0.000000] BIOS-e820: 000000000000f0000 - 00000000000100000 (reserved)
[ 0.000000] BIOS-e820: 00000000000100000 - 0000000003f6e0000 (usable)
[ 0.000000] BIOS-e820: 0000000003f6e0000 - 0000000003f6e3000 (ACPI NVS)
[ 0.000000] BIOS-e820: 0000000003f6e3000 - 0000000003f6f0000 (ACPI data)
[ 0.000000] BIOS-e820: 0000000003f6f0000 - 0000000003f700000 (reserved)
[ 0.000000] BIOS-e820: 00000000e00000000 - 00000000f00000000 (reserved)
[ 0.000000] BIOS-e820: 00000000fec000000 - 00000001000000000 (reserved)
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] DMI 2.2 present.
[ 0.000000] DMI: PhoenixAward #IPC-BX950/#IPC-BX950, BIOS 6.00 PG V100 04/05/2010
[ 0.000000] e820 update range: 0000000000000000 - 0000000000010000 (usable) ==> (reserved)
[ 0.000000] e820 remove range: 000000000000a0000 - 00000000000100000 (usable)
[ 0.000000] last_pfn = 0x3f6e0 max_arch_pfn = 0x1000000
[ 0.000000] MTRR default type: uncachable
[ 0.000000] MTRR fixed ranges enabled:
[ 0.000000]   00000-9FFFF write-back
[ 0.000000]   A0000-BFFFF uncachable
[ 0.000000]   C0000-CDFFF write-protect
[ 0.000000]   CE000-EFFFF uncachable
[ 0.000000]   F0000-FFFFF write-through
[ 0.000000] MTRR variable ranges enabled:
[ 0.000000]   0 base 000000000 mask FC0000000 write-back
[ 0.000000]   1 base 03F800000 mask FFF800000 uncachable
[ 0.000000]   2 base 03F700000 mask FFFF00000 uncachable
[ 0.000000]   3 disabled
[ 0.000000]   4 disabled
[ 0.000000]   5 disabled
[ 0.000000]   6 disabled
[ 0.000000]   7 disabled
[ 0.000000] PAT not supported by CPU.
[ 0.000000] original variable MTRRs
[ 0.000000] reg 0, base: 0GB, range: 1GB, type WB
[ 0.000000] reg 1, base: 1016MB, range: 8MB, type UC
[ 0.000000] reg 2, base: 1015MB, range: 1MB, type UC
[ 0.000000] total RAM covered: 1015M
[ 0.000000] Found optimal setting for mtrr clean up
[ 0.000000] gran_size: 64K chunk_size: 16M num_reg: 3 lose cover
RAM: 0G
[ 0.000000] New variable MTRRs
[ 0.000000] reg 0, base: 0GB, range: 1GB, type WB
[ 0.000000] reg 1, base: 1015MB, range: 1MB, type UC
[ 0.000000] reg 2, base: 1016MB, range: 8MB, type UC
[ 0.000000] found SMP MP-table at [c00f4e60] f4e60
[ 0.000000] initial memory mapped : 0 - 02000000
[ 0.000000] Base memory trampoline at [c009b000] 9b000 size 16384
[ 0.000000] init_memory_mapping: 0000000000000000-00000000037bfe000
[ 0.000000] 00000000000 - 0000200000 page 4k
[ 0.000000] 0000200000 - 0037a00000 page 2M
[ 0.000000] 0037a00000 - 0037bfe000 page 4k
[ 0.000000] kernel direct mapping tables up to 37bfe000 @ 1ffb000-2000000
[ 0.000000] RAMDISK: 364ee000 - 3726f000
[ 0.000000] ACPI: RSDP 000f060 00014 (v00 IntelR)
[ 0.000000] ACPI: RSDT 3f6e3000 00034 (v01 IntelR AWRDACPI 42302E31 AWRD 00000000)
[ 0.000000] ACPI: FACP 3f6e3080 00074 (v01 IntelR AWRDACPI 42302E31 AWRD 00000000)
[ 0.000000] ACPI: DSDT 3f6e3100 04928 (v01 INTEL R AWRDACPI 00001000 MSFT 0100000E)
[ 0.000000] ACPI: FACS 3f6e0000 00040
[ 0.000000] ACPI: MCFG 3f6e7ac0 0003C (v01 IntelR AWRDACPI 42302E31 AWRD 00000000)
[ 0.000000] ACPI: APIC 3f6e7a40 00068 (v01 IntelR AWRDACPI 42302E31 AWRD 00000000)
[ 0.000000] ACPI: SSDT 3f6e8160 00294 (v01 PmRef CpuPm 00003000 INTL 20050930)
[ 0.000000] ACPI: Local APIC address 0xfe00000
[ 0.000000] 122MB HIGHMEM available.
[ 0.000000] 891MB LOWMEM available.
[ 0.000000] mapped low ram: 0 - 37bfe000
[ 0.000000] low ram: 0 - 37bfe000
[ 0.000000] Zone PFN ranges:

```

```

[ 0.000000] DMA 0x00000010 -> 0x00001000
[ 0.000000] Normal 0x00001000 -> 0x00037bfe
[ 0.000000] HighMem 0x00037bfe -> 0x0003f6e0
[ 0.000000] Movable zone start PFN for each node
[ 0.000000] early_node_map[2] active PFN ranges
[ 0.000000] 0: 0x00000010 -> 0x0000009f
[ 0.000000] 0: 0x00000100 -> 0x0003f6e0
[ 0.000000] On node 0 totalpages: 257695
[ 0.000000] free_area_init_node: node 0, pgdat c1869140, node_mem_map f740d200
[ 0.000000] DMA zone: 32 pages used for memmap
[ 0.000000] DMA zone: 0 pages reserved
[ 0.000000] DMA zone: 3951 pages, LIFO batch:0
[ 0.000000] Normal zone: 1752 pages used for memmap
[ 0.000000] Normal zone: 222502 pages, LIFO batch:31
[ 0.000000] HighMem zone: 246 pages used for memmap
[ 0.000000] HighMem zone: 31212 pages, LIFO batch:7
[ 0.000000] Using APIC driver default
[ 0.000000] ACPI: PM-Timer IO Port: 0x408
[ 0.000000] ACPI: Local APIC address 0xfec00000
[ 0.000000] ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
[ 0.000000] ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] enabled)
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x00] high edge lint[0x1])
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x01] high edge lint[0x1])
[ 0.000000] ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi_base[0])
[ 0.000000] IOAPIC[0]: apic_id 2, version 32, address 0xfec00000, GSI 0-23
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
[ 0.000000] ACPI: IRQ0 used by override.
[ 0.000000] ACPI: IRQ2 used by override.
[ 0.000000] ACPI: IRQ9 used by override.
[ 0.000000] Using ACPI (MADT) for SMP configuration information
[ 0.000000] SMP: Allowing 2 CPUs, 0 hotplug CPUs
[ 0.000000] nr_irqs_gsi: 40
[ 0.000000] PM: Registered nosave memory: 000000000009f000 - 00000000000a0000
[ 0.000000] PM: Registered nosave memory: 00000000000a0000 - 00000000000f0000
[ 0.000000] PM: Registered nosave memory: 0000000000f0000 - 000000000100000
[ 0.000000] Allocating PCI resources starting at 3f700000 (gap: 3f700000:a0900000)
[ 0.000000] Booting paravirtualized kernel on bare hardware
[ 0.000000] setup_percpu: NR_CPUS:8 nr_cpumask_bits:8 nr_cpu_ids:2 nr_node_ids:1
[ 0.000000] PERCPU: Embedded 14 pages/cpu @f73eb000 s34240 r0 d23104 u57344
[ 0.000000] pcpu-alloc: s34240 r0 d23104 u57344 alloc=14*4096
[ 0.000000] pcpu-alloc: [0] 0 [0] 1
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 257665
[ 0.000000] Kernel command line: BOOT_IMAGE=/vmlinuz-3.2.0-33-generic-pae root=UUID=d481d93d-f742-4dd7-8fe4-fee1d3308e55 ro quiet splash
vt.handoff=7
[ 0.000000] PID hash table entries: 4096 (order: 2, 16384 bytes)
[ 0.000000] Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
[ 0.000000] Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
[ 0.000000] Initializing CPU#0
[ 0.000000] allocated 4156672 bytes of page_cgroup
[ 0.000000] please try 'cgroup_disable=memory' option if you don't want memory cgroups
[ 0.000000] Initializing HighMem for node 0 (00037bfe:0003f6e0)
[ 0.000000] Memory: 1001456k/1039232k available (5821k kernel code, 37324k reserved, 2845k data, 740k init, 125832k highmem)
[ 0.000000] virtual kernel memory layout:
[ 0.000000] fixmap : 0xffff16000 - 0xfffff000 (932 kB)
[ 0.000000] pkmap : 0xffc00000 - 0xffe00000 (2048 kB)
[ 0.000000] vmalloc : 0xf83fe000 - 0xffbfe000 (120 MB)
[ 0.000000] lowmem : 0xc0000000 - 0xf7bfe000 (891 MB)
[ 0.000000] .init : 0xc1877000 - 0xc1930000 (740 kB)
[ 0.000000] .data : 0xc15af47c - 0xc1876940 (2845 kB)
[ 0.000000] .text : 0xc1000000 - 0xc15af47c (5821 kB)
[ 0.000000] Checking if this processor honours the WP bit even in supervisor mode...Ok.
[ 0.000000] SLUB: Genslabs=15, HWalign=64, Order=0-3, MinObjects=0, CPUs=2, Nodes=1
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] RCU dyntick-idle grace-period acceleration is enabled.
[ 0.000000] NR_IRQS:2304 nr_irqs:512 16
[ 0.000000] CPU 0 irqstacks, hard=f5c08000 soft=f5c0a000
[ 0.000000] vt handoff: transparent VT on vt#7
[ 0.000000] Console: colour dummy device 80x25
[ 0.000000] console [tty0] enabled
[ 0.000000] Fast TSC calibration using PIT
[ 0.000000] Detected 1197.035 MHz processor.
[ 0.004003] Calibrating delay loop (skipped), value calculated using timer frequency.. 2394.07 BogoMIPS (lpj=4788140)
[ 0.004015] pid_max: default: 32768 minimum: 301
[ 0.004057] Security Framework initialized
[ 0.004093] AppArmor: AppArmor initialized
[ 0.004097] Yama: becoming mindful.
[ 0.004240] Mount-cache hash table entries: 512
[ 0.004496] Initializing cgroup subsys cpuacct
[ 0.004509] Initializing cgroup subsys memory
[ 0.004527] Initializing cgroup subsys devices
[ 0.004532] Initializing cgroup subsys freezer
[ 0.004536] Initializing cgroup subsys blkio
[ 0.004552] Initializing cgroup subsys perf_event
[ 0.004598] Disabled fast string operations
[ 0.004607] CPU: Physical Processor ID: 0
[ 0.004610] CPU: Processor Core ID: 0
[ 0.004616] mce: CPU supports 6 MCE banks

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[ 0.004632] CPU0: Thermal monitoring enabled (TM1)
[ 0.004638] using mwait in idle threads.
[ 0.013397] ACPI: Core revision 20110623
[ 0.020017] ftrace: allocating 26569 entries in 52 pages
[ 0.024083] Enabling APIC mode: Flat. Using 1 I/O APICs
[ 0.024545] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.067228] CPU0: Intel(R) Core(TM) Duo CPU U2500 @ 1.20GHz stepping 0c
[ 0.068003] Performance Events: Core events, core PMU driver.
[ 0.068003] ... version: 1
[ 0.068003] ... bit width: 40
[ 0.068003] ... generic registers: 2
[ 0.068003] ... value mask: 000000ffffffff
[ 0.068003] ... max period: 00000007ffffff
[ 0.068003] ... fixed-purpose events: 0
[ 0.068003] ... event mask: 0000000000000003
[ 0.068003] NMI watchdog enabled, takes one hw-pmu counter.
[ 0.068003] CPU 1 irqstacks, hard=f5cac000 soft=f5cae000
[ 0.068003] Booting Node 0, Processors #1 Ok.
[ 0.068003] smpboot cpu 1: start_ip = 9b000
[ 0.008000] Initializing CPU#1
[ 0.008000] Disabled fast string operations
[ 0.156060] NMI watchdog enabled, takes one hw-pmu counter.
[ 0.156133] Brought up 2 CPUs
[ 0.156138] Total of 2 processors activated (4788.31 BogoMIPS).
[ 0.158326] devtmpfs: initialized
[ 0.158326] EVM: security.selinux
[ 0.158326] EVM: security.SMACK64
[ 0.158326] EVM: security.capability
[ 0.158326] PM: Registering ACPI NVS region at 3f6e0000 (12288 bytes)
[ 0.161206] print_constraints: dummy:
[ 0.161255] RTC time: 9:45:41, date: 11/19/12
[ 0.161338] NET: Registered protocol family 16
[ 0.161537] Trying to unpack rootfs image as initramfs...
[ 0.161611] EISA bus registered
[ 0.161642] ACPI: bus type pci registered
[ 0.161775] PCI: MMCONFIG for domain 0000 [bus 00-ff] at [mem 0xe0000000-0xffffffff] (base 0xe0000000)
[ 0.161782] PCI: MMCONFIG at [mem 0xe0000000-0xffffffff] reserved in E820
[ 0.161786] PCI: Using MMCONFIG for extended config space
[ 0.161790] PCI: Using configuration type 1 for base access
[ 0.176255] bio: create slab <bio-0> at 0
[ 0.176336] ACPI: Added _OSI(Module Device)
[ 0.176341] ACPI: Added _OSI(Processor Device)
[ 0.176346] ACPI: Added _OSI(3.0 _SCP Extensions)
[ 0.176351] ACPI: Added _OSI(Processor Aggregator Device)
[ 0.178700] ACPI: EC: Look up EC in DSDT
[ 0.186456] ACPI: SSDT 3f6e7b40 0022A (v01 PmRef Cpu0Ist 00003000 INTL 20061109)
[ 0.187047] ACPI: Dynamic OEM Table Load:
[ 0.187054] ACPI: SSDT (null) 0022A (v01 PmRef Cpu0Ist 00003000 INTL 20061109)
[ 0.187440] ACPI: SSDT 3f6e8000 00152 (v01 PmRef Cpu1Ist 00003000 INTL 20061109)
[ 0.188023] ACPI: Dynamic OEM Table Load:
[ 0.188030] ACPI: SSDT (null) 00152 (v01 PmRef Cpu1Ist 00003000 INTL 20061109)
[ 0.188349] ACPI: Interpreter enabled
[ 0.188367] ACPI: (supports S0 S1 S4 S5)
[ 0.188405] ACPI: Using IOAPIC for interrupt routing
[ 0.197134] ACPI: No dock devices found.
[ 0.197139] HEST: Table not found.
[ 0.197149] PCI: Using host bridge windows from ACPI: if necessary, use "pci=nocrs" and report a bug
[ 0.197260] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[ 0.197508] pci_root PNP0A08:00: host bridge window [io 0x0000-0x0cf7]
[ 0.197515] pci_root PNP0A08:00: host bridge window [io 0x0d00-0xffff]
[ 0.197520] pci_root PNP0A08:00: host bridge window [mem 0x000a0000-0x000bffff]
[ 0.197526] pci_root PNP0A08:00: host bridge window [mem 0x000c0000-0x000dffff]
[ 0.197531] pci_root PNP0A08:00: host bridge window [mem 0x3f700000-0xfebffff]
[ 0.197564] pci 0000:00:00.0: [8086:27ac] type 0 class 0x000600
[ 0.197651] pci 0000:00:02.0: [8086:27ae] type 0 class 0x000300
[ 0.197673] pci 0000:00:02.0: reg 10: [mem 0xfde80000-0xfdefffff]
[ 0.197685] pci 0000:00:02.0: reg 14: [io 0xff00-0xff07]
[ 0.197698] pci 0000:00:02.0: reg 18: [mem 0xd0000000-0xdfffffff] pref
[ 0.197710] pci 0000:00:02.0: reg 1c: [mem 0xfdf80000-0xfdfbffff]
[ 0.197787] pci 0000:00:02.1: [8086:27a6] type 0 class 0x000380
[ 0.197804] pci 0000:00:02.1: reg 10: [mem 0xfdf00000-0xfdf7ffff]
[ 0.197949] pci 0000:00:1c.0: [8086:27d0] type 1 class 0x000604
[ 0.198077] pci 0000:00:1c.0: PME# supported from D0 D3hot D3cold
[ 0.198086] pci 0000:00:1c.0: PME# disabled
[ 0.198126] pci 0000:00:1c.1: [8086:27d2] type 1 class 0x000604
[ 0.198251] pci 0000:00:1c.1: PME# supported from D0 D3hot D3cold
[ 0.198259] pci 0000:00:1c.1: PME# disabled
[ 0.198302] pci 0000:00:1d.0: [8086:27c8] type 0 class 0x000c03
[ 0.198368] pci 0000:00:1d.0: reg 20: [io 0xfe00-0xfe1f]
[ 0.198420] pci 0000:00:1d.1: [8086:27c9] type 0 class 0x000c03
[ 0.198485] pci 0000:00:1d.1: reg 20: [io 0xfd00-0xfd1f]
[ 0.198537] pci 0000:00:1d.2: [8086:27ca] type 0 class 0x000c03
[ 0.198602] pci 0000:00:1d.2: reg 20: [io 0xfc00-0xfc1f]
[ 0.198654] pci 0000:00:1d.3: [8086:27cb] type 0 class 0x000c03
[ 0.198720] pci 0000:00:1d.3: reg 20: [io 0xfb00-0xfb1f]
[ 0.198785] pci 0000:00:1d.7: [8086:27cc] type 0 class 0x000c03
[ 0.198814] pci 0000:00:1d.7: reg 10: [mem 0xfdf00000-0xfdf3ffff]
[ 0.198936] pci 0000:00:1d.7: PME# supported from D0 D3hot D3cold

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[ 0.198944] pci 0000:00:1d.7: PME# disabled
[ 0.198973] pci 0000:00:1e.0: [8086:2448] type 1 class 0x000604
[ 0.199083] pci 0000:00:1e.2: [8086:27de] type 0 class 0x000401
[ 0.199109] pci 0000:00:1e.2: reg 10: [io 0xf200-0xf2ff]
[ 0.199125] pci 0000:00:1e.2: reg 14: [io 0xfa00-0xfa3f]
[ 0.199141] pci 0000:00:1e.2: reg 18: [mem 0xfdf000-0xfdf0ff]
[ 0.199157] pci 0000:00:1e.2: reg 1c: [mem 0xfdf000-0xfdf0ff]
[ 0.199231] pci 0000:00:1e.2: PME# supported from D0 D3hot D3cold
[ 0.199239] pci 0000:00:1e.2: PME# disabled
[ 0.199277] pci 0000:00:1f.0: [8086:27bd] type 0 class 0x000601
[ 0.199411] pci 0000:00:1f.0: Force enabled HPET at 0xfed00000
[ 0.199428] pci 0000:00:1f.0: ICH7 LPC Generic IO decode 1 PIO at 0800 (mask 007f)
[ 0.199435] pci 0000:00:1f.0: ICH7 LPC Generic IO decode 2 PIO at 0290 (mask 007f)
[ 0.199443] pci 0000:00:1f.0: ICH7 LPC Generic IO decode 3 PIO at 4000 (mask 000f)
[ 0.199510] pci 0000:00:1f.1: [8086:27df] type 0 class 0x000101
[ 0.199532] pci 0000:00:1f.1: reg 10: [io 0x0000-0x0007]
[ 0.199548] pci 0000:00:1f.1: reg 14: [io 0x0000-0x0003]
[ 0.199564] pci 0000:00:1f.1: reg 18: [io 0x0000-0x0007]
[ 0.199579] pci 0000:00:1f.1: reg 1c: [io 0x0000-0x0003]
[ 0.199595] pci 0000:00:1f.1: reg 20: [io 0xf800-0xf80f]
[ 0.199655] pci 0000:00:1f.3: [8086:27da] type 0 class 0x000c05
[ 0.199738] pci 0000:00:1f.3: reg 20: [io 0x0500-0x051f]
[ 0.199902] pci 0000:01:00.0: [8086:109a] type 0 class 0x000200
[ 0.199938] pci 0000:01:00.0: reg 10: [mem 0xfdc0000-0xfdcffff]
[ 0.199986] pci 0000:01:00.0: reg 18: [io 0xef00-0xef1f]
[ 0.200194] pci 0000:01:00.0: PME# supported from D0 D3hot D3cold
[ 0.200205] pci 0000:01:00.0: PME# disabled
[ 0.200247] pci 0000:01:00.0: disabling ASPM on pre-1.1 PCIe device. You can enable it with 'pcie_aspm=force'
[ 0.200278] pci 0000:00:1c.0: PCI bridge to [bus 01-01]
[ 0.200286] pci 0000:00:1c.0: bridge window [io 0xe000-0xefff]
[ 0.200295] pci 0000:00:1c.0: bridge window [mem 0xfdc00000-0xfdcffff]
[ 0.200306] pci 0000:00:1c.0: bridge window [mem 0xf900000-0xf9ffff 64bit pref]
[ 0.200416] pci 0000:02:00.0: [8086:109a] type 0 class 0x000200
[ 0.200452] pci 0000:02:00.0: reg 10: [mem 0xfde0000-0xfdeffff]
[ 0.200499] pci 0000:02:00.0: reg 18: [io 0xdf00-0xdf1f]
[ 0.200698] pci 0000:02:00.0: PME# supported from D0 D3hot D3cold
[ 0.200709] pci 0000:02:00.0: PME# disabled
[ 0.200750] pci 0000:02:00.0: disabling ASPM on pre-1.1 PCIe device. You can enable it with 'pcie_aspm=force'
[ 0.200773] pci 0000:00:1c.1: PCI bridge to [bus 02-02]
[ 0.200780] pci 0000:00:1c.1: bridge window [io 0xd000-0xdfff]
[ 0.200789] pci 0000:00:1c.1: bridge window [mem 0xf800000-0xf8ffff]
[ 0.200800] pci 0000:00:1c.1: bridge window [mem 0xfdd00000-0xfddffff 64bit pref]
[ 0.200905] pci 0000:00:1e.0: PCI bridge to [bus 03-03] (subtractive decode)
[ 0.200913] pci 0000:00:1e.0: bridge window [io 0xc000-0xcfff]
[ 0.200921] pci 0000:00:1e.0: bridge window [mem 0xfdb00000-0xfdbffff]
[ 0.200933] pci 0000:00:1e.0: bridge window [mem 0xfda00000-0xfdaffff 64bit pref]
[ 0.200939] pci 0000:00:1e.0: bridge window [io 0x0000-0x0cf7] (subtractive decode)
[ 0.200944] pci 0000:00:1e.0: bridge window [io 0x0d00-0xffff] (subtractive decode)
[ 0.200950] pci 0000:00:1e.0: bridge window [mem 0x000a0000-0x000bffff] (subtractive decode)
[ 0.200956] pci 0000:00:1e.0: bridge window [mem 0x000c0000-0x000dffff] (subtractive decode)
[ 0.200962] pci 0000:00:1e.0: bridge window [mem 0x3f700000-0x3f7ffff] (subtractive decode)
[ 0.200989] pci_bus 0000:00: on NUMA node 0
[ 0.200996] ACPI: PCI Interrupt Routing Table [_SB_PCI0_PRT]
[ 0.201267] ACPI: PCI Interrupt Routing Table [_SB_PCI0.PEX0_PRT]
[ 0.201342] ACPI: PCI Interrupt Routing Table [_SB_PCI0.PEX1_PRT]
[ 0.201436] ACPI: PCI Interrupt Routing Table [_SB_PCI0.HUB0_PRT]
[ 0.201618] pci0000:00: Requesting ACPI _OSC control (0x1d)
[ 0.201625] pci0000:00: ACPI _OSC request failed (AE_NOT_FOUND), returned control mask: 0x1d
[ 0.201630] ACPI _OSC control for PCIe not granted, disabling ASPM
[ 0.216077] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 7 9 10 *11 12 14 15)
[ 0.216184] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 7 9 10 11 12 14 *15)
[ 0.216286] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 *7 9 10 11 12 14 15)
[ 0.216387] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 7 *9 10 11 12 14 15)
[ 0.216488] ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 7 9 *10 11 12 14 15)
[ 0.216589] ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 9 10 11 12 14 15) *0, disabled.
[ 0.216692] ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 7 9 10 11 12 14 15) *0, disabled.
[ 0.216797] ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 *5 7 9 10 11 12 14 15)
[ 0.217060] vgaarb: device added: PCI:0000:00:02.0,decodes=io+mem,owns=io+mem,locks=none
[ 0.217088] vgaarb: loaded
[ 0.217091] vgaarb: bridge control possible 0000:00:02.0
[ 0.217358] i2c-core: driver [aat2870] using legacy suspend method
[ 0.217362] i2c-core: driver [aat2870] using legacy resume method
[ 0.217536] SCSI subsystem initialized
[ 0.217648] libata version 3.00 loaded.
[ 0.217759] usbcore: registered new interface driver usbfs
[ 0.217786] usbcore: registered new interface driver hub
[ 0.217848] usbcore: registered new device driver usb
[ 0.218055] PCI: Using ACPI for IRQ routing
[ 0.228665] PCI: pci_cache_line_size set to 64 bytes
[ 0.228812] reserve RAM buffer: 000000000009f400 - 000000000009ffff
[ 0.228818] reserve RAM buffer: 0000000003f60000 - 0000000003ffffff
[ 0.229058] NetLabel: Initializing
[ 0.229062] NetLabel: domain hash size = 128
[ 0.229066] NetLabel: protocols = UNLABELED CIPSOv4
[ 0.229087] NetLabel: unlabeled traffic allowed by default
[ 0.229396] hpet clockevent registered
[ 0.229403] HPET: 3 timers in total, 0 timers will be used for per-cpu timer
[ 0.229414] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0

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[ 0.229424] hpet0: 3 comparators, 64-bit 14.318180 MHz counter
[ 0.236115] Switching to clocksource hpet
[ 0.255092] AppArmor: AppArmor Filesystem Enabled
[ 0.255151] pnp: PnP ACPI init
[ 0.255190] ACPI: bus type pnp registered
[ 0.255375] pnp 00:00: [bus 00-ff]
[ 0.255381] pnp 00:00: [io 0x0cf8-0x0cff]
[ 0.255386] pnp 00:00: [io 0x0000-0x0cf7 window]
[ 0.255391] pnp 00:00: [io 0x0d00-0xffff window]
[ 0.255397] pnp 00:00: [mem 0x000a0000-0x000bffff window]
[ 0.255402] pnp 00:00: [mem 0x000c0000-0x000dffff window]
[ 0.255407] pnp 00:00: [mem 0x3f700000-0xfebfffff window]
[ 0.255530] pnp 00:00: Plug and Play ACPI device, IDs PNP0a08 PNP0a03 (active)
[ 0.255659] pnp 00:01: [io 0x0010-0x001f]
[ 0.255663] pnp 00:01: [io 0x0022-0x003f]
[ 0.255668] pnp 00:01: [io 0x0044-0x005f]
[ 0.255672] pnp 00:01: [io 0x0062-0x0063]
[ 0.255677] pnp 00:01: [io 0x0065-0x006f]
[ 0.255681] pnp 00:01: [io 0x0074-0x007f]
[ 0.255686] pnp 00:01: [io 0x0091-0x0093]
[ 0.255690] pnp 00:01: [io 0x00a2-0x00bf]
[ 0.255694] pnp 00:01: [io 0x00e0-0x00ef]
[ 0.255699] pnp 00:01: [io 0x04d0-0x04d1]
[ 0.255703] pnp 00:01: [io 0x0800-0x087f]
[ 0.255708] pnp 00:01: [io 0x0880-0x088f]
[ 0.255840] system 00:01: [io 0x04d0-0x04d1] has been reserved
[ 0.255847] system 00:01: [io 0x0800-0x087f] has been reserved
[ 0.255853] system 00:01: [io 0x0880-0x088f] has been reserved
[ 0.255860] system 00:01: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.255887] pnp 00:02: [dma 4]
[ 0.255891] pnp 00:02: [io 0x0000-0x000f]
[ 0.255896] pnp 00:02: [io 0x0080-0x0090]
[ 0.255900] pnp 00:02: [io 0x0094-0x009f]
[ 0.255905] pnp 00:02: [io 0x00c0-0x00df]
[ 0.255971] pnp 00:02: Plug and Play ACPI device, IDs PNP0200 (active)
[ 0.255995] pnp 00:03: [io 0x0070-0x0073]
[ 0.256047] pnp 00:03: [irq 8]
[ 0.256119] pnp 00:03: Plug and Play ACPI device, IDs PNP0b00 (active)
[ 0.256139] pnp 00:04: [io 0x0061]
[ 0.256207] pnp 00:04: Plug and Play ACPI device, IDs PNP0800 (active)
[ 0.256232] pnp 00:05: [io 0x00f0-0x00ff]
[ 0.256243] pnp 00:05: [irq 13]
[ 0.256313] pnp 00:05: Plug and Play ACPI device, IDs PNP0c04 (active)
[ 0.256676] pnp 00:06: [io 0x03f8-0x03ff]
[ 0.256682] pnp 00:06: IRQ 4 override to edge, high
[ 0.256692] pnp 00:06: [irq 4]
[ 0.256835] pnp 00:06: Plug and Play ACPI device, IDs PNP0501 (active)
[ 0.257119] pnp 00:07: [io 0x02f8-0x02ff]
[ 0.257125] pnp 00:07: IRQ 3 override to edge, high
[ 0.257136] pnp 00:07: [irq 3]
[ 0.257270] pnp 00:07: Plug and Play ACPI device, IDs PNP0501 (active)
[ 0.258124] pnp 00:08: [io 0x0060]
[ 0.258129] pnp 00:08: [io 0x0064]
[ 0.258139] pnp 00:08: [irq 1]
[ 0.258221] pnp 00:08: Plug and Play ACPI device, IDs PNP0303 (active)
[ 0.258260] pnp 00:09: [io 0x0400-0x04bf]
[ 0.258373] system 00:09: [io 0x0400-0x04bf] has been reserved
[ 0.258381] system 00:09: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.258430] pnp 00:0a: [mem 0xffb80000-0xffffffff]
[ 0.258505] pnp 00:0a: Plug and Play ACPI device, IDs INT0800 (active)
[ 0.258897] pnp 00:0b: [mem 0xe0000000-0xffffffff]
[ 0.259039] system 00:0b: [mem 0xe0000000-0xffffffff] has been reserved
[ 0.259046] system 00:0b: Plug and Play ACPI device, IDs PNP0c02 (active)
[ 0.259185] pnp 00:0c: [mem 0x000f0000-0x000fffff]
[ 0.259191] pnp 00:0c: [mem 0x3f6e0000-0x3f6fffff]
[ 0.259196] pnp 00:0c: [mem 0x00000000-0x0009ffff]
[ 0.259200] pnp 00:0c: [mem 0x00100000-0x3f6dffff]
[ 0.259206] pnp 00:0c: [mem 0x00000000-0xffffffff] disabled]
[ 0.259211] pnp 00:0c: [mem 0xfec00000-0xfec00fff]
[ 0.259216] pnp 00:0c: [mem 0xfed13000-0xfed1dfff]
[ 0.259221] pnp 00:0c: [mem 0xfed20000-0xfed8ffff]
[ 0.259225] pnp 00:0c: [mem 0xfef00000-0xfef00fff]
[ 0.259230] pnp 00:0c: [mem 0xffb00000-0xffb7ffff]
[ 0.259235] pnp 00:0c: [mem 0xffff0000-0xffffffff]
[ 0.259240] pnp 00:0c: [mem 0x000e0000-0x000effff]
[ 0.259391] system 00:0c: [mem 0x000f0000-0x000fffff] could not be reserved
[ 0.259398] system 00:0c: [mem 0x3f6e0000-0x3f6fffff] could not be reserved
[ 0.259404] system 00:0c: [mem 0x00000000-0x0009ffff] could not be reserved
[ 0.259410] system 00:0c: [mem 0x00100000-0x3f6dffff] could not be reserved
[ 0.259417] system 00:0c: [mem 0xfec00000-0xfec00fff] could not be reserved
[ 0.259423] system 00:0c: [mem 0xfed13000-0xfed1dfff] has been reserved
[ 0.259429] system 00:0c: [mem 0xfed20000-0xfed8ffff] has been reserved
[ 0.259436] system 00:0c: [mem 0xfef00000-0xfef00fff] has been reserved
[ 0.259442] system 00:0c: [mem 0xffb00000-0xffb7ffff] has been reserved
[ 0.259448] system 00:0c: [mem 0xffff0000-0xffffffff] has been reserved
[ 0.259454] system 00:0c: [mem 0x000e0000-0x000effff] has been reserved
[ 0.259461] system 00:0c: Plug and Play ACPI device, IDs PNP0c01 (active)
[ 0.259481] pnp: PnP ACPI: found 13 devices

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[ 0.259485] ACPI: ACPI bus type pnp unregistered
[ 0.259492] PnPBIOS: Disabled by ACPI PNP
[ 0.298391] PCI: max bus depth: 1 pci_try_num: 2
[ 0.298447] pci 0000:00:1c.0: PCI bridge to [bus 01-01]
[ 0.298455] pci 0000:00:1c.0: bridge window [io 0xe000-0xefff]
[ 0.298465] pci 0000:00:1c.0: bridge window [mem 0xfdc00000-0xfdcffff]
[ 0.298475] pci 0000:00:1c.0: bridge window [mem 0xfd900000-0xfd9ffff 64bit pref]
[ 0.298487] pci 0000:00:1c.1: PCI bridge to [bus 02-02]
[ 0.298493] pci 0000:00:1c.1: bridge window [io 0xd000-0xdfff]
[ 0.298503] pci 0000:00:1c.1: bridge window [mem 0xfd800000-0xfd8ffff]
[ 0.298511] pci 0000:00:1c.1: bridge window [mem 0xfdd00000-0xfddffff 64bit pref]
[ 0.298523] pci 0000:00:1e.0: PCI bridge to [bus 03-03]
[ 0.298529] pci 0000:00:1e.0: bridge window [io 0xc000-0xcfff]
[ 0.298539] pci 0000:00:1e.0: bridge window [mem 0xfdb00000-0xfdbffff]
[ 0.298547] pci 0000:00:1e.0: bridge window [mem 0xfda00000-0xfdaffff 64bit pref]
[ 0.298592] pci 0000:00:1c.0: PCI INT A -> GSI 16 (level, low) -> IRQ 16
[ 0.298602] pci 0000:00:1c.0: setting latency timer to 64
[ 0.298621] pci 0000:00:1c.1: PCI INT B -> GSI 17 (level, low) -> IRQ 17
[ 0.298629] pci 0000:00:1c.1: setting latency timer to 64
[ 0.298642] pci 0000:00:1e.0: setting latency timer to 64
[ 0.298650] pci_bus 0000:00: resource 4 [io 0x0000-0x0cf7]
[ 0.298655] pci_bus 0000:00: resource 5 [io 0xd000-0xdfff]
[ 0.298660] pci_bus 0000:00: resource 6 [mem 0x000a0000-0x000bfff]
[ 0.298666] pci_bus 0000:00: resource 7 [mem 0x000c0000-0x000dfff]
[ 0.298671] pci_bus 0000:00: resource 8 [mem 0x3f700000-0x3febfff]
[ 0.298677] pci_bus 0000:01: resource 0 [io 0xe000-0xefff]
[ 0.298682] pci_bus 0000:01: resource 1 [mem 0xfdc00000-0xfdcffff]
[ 0.298687] pci_bus 0000:01: resource 2 [mem 0xfd900000-0xfd9ffff 64bit pref]
[ 0.298693] pci_bus 0000:02: resource 0 [io 0xd000-0xdfff]
[ 0.298698] pci_bus 0000:02: resource 1 [mem 0xfd800000-0xfd8ffff]
[ 0.298704] pci_bus 0000:02: resource 2 [mem 0xfdd00000-0xfddffff 64bit pref]
[ 0.298710] pci_bus 0000:03: resource 0 [io 0xc000-0xcfff]
[ 0.298715] pci_bus 0000:03: resource 1 [mem 0xfdb00000-0xfdbffff]
[ 0.298720] pci_bus 0000:03: resource 2 [mem 0xfda00000-0xfdaffff 64bit pref]
[ 0.298726] pci_bus 0000:03: resource 4 [io 0x0000-0x0cf7]
[ 0.298731] pci_bus 0000:03: resource 5 [io 0xd000-0xdfff]
[ 0.298736] pci_bus 0000:03: resource 6 [mem 0x000a0000-0x000bfff]
[ 0.298741] pci_bus 0000:03: resource 7 [mem 0x000c0000-0x000dfff]
[ 0.298747] pci_bus 0000:03: resource 8 [mem 0x3f700000-0x3febfff]
[ 0.298838] NET: Registered protocol family 2
[ 0.298995] IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
[ 0.299502] TCP established hash table entries: 131072 (order: 8, 1048576 bytes)
[ 0.300586] TCP bind hash table entries: 65536 (order: 7, 524288 bytes)
[ 0.301118] TCP: Hash tables configured (established 131072 bind 65536)
[ 0.301124] TCP reno registered
[ 0.301130] UDP hash table entries: 512 (order: 2, 16384 bytes)
[ 0.301151] UDP-Lite hash table entries: 512 (order: 2, 16384 bytes)
[ 0.301334] NET: Registered protocol family 1
[ 0.301368] pci 0000:00:02.0: Boot video device
[ 0.301417] pci 0000:00:1d.0: PCI INT A -> GSI 23 (level, low) -> IRQ 23
[ 0.301442] pci 0000:00:1d.0: PCI INT A disabled
[ 0.301462] pci 0000:00:1d.1: PCI INT B -> GSI 19 (level, low) -> IRQ 19
[ 0.301485] pci 0000:00:1d.1: PCI INT B disabled
[ 0.301508] pci 0000:00:1d.2: PCI INT C -> GSI 18 (level, low) -> IRQ 18
[ 0.301531] pci 0000:00:1d.2: PCI INT C disabled
[ 0.301545] pci 0000:00:1d.3: PCI INT D -> GSI 16 (level, low) -> IRQ 16
[ 0.301568] pci 0000:00:1d.3: PCI INT D disabled
[ 0.301584] pci 0000:00:1d.7: PCI INT A -> GSI 23 (level, low) -> IRQ 23
[ 0.301621] pci 0000:00:1d.7: PCI INT A disabled
[ 0.301661] PCI: CLS 64 bytes, default 64
[ 0.302365] audit: initializing netlink socket (disabled)
[ 0.302383] type=2000 audit(1353318341.296:1): initialized
[ 0.345421] highmem bounce pool size: 64 pages
[ 0.345432] HugeTLB registered 2 MB page size, pre-allocated 0 pages
[ 0.349891] VFS: Disk quotas dquot_6.5.2
[ 0.350036] Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
[ 0.351275] fuse init (API version 7.17)
[ 0.351492] msgmni has been set to 1710
[ 0.352195] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 253)
[ 0.352249] io scheduler noop registered
[ 0.352254] io scheduler deadline registered
[ 0.352268] io scheduler cfq registered (default)
[ 0.352513] pcieport 0000:00:1c.0: setting latency timer to 64
[ 0.352591] pcieport 0000:00:1c.0: irq 40 for MSI/MSI-X
[ 0.352707] pcieport 0000:00:1c.1: setting latency timer to 64
[ 0.352773] pcieport 0000:00:1c.1: irq 41 for MSI/MSI-X
[ 0.352946] pci_hotplug: PCI Hot Plug PCI Core version: 0.5
[ 0.353001] pciehp: PCI Express Hot Plug Controller Driver version: 0.4
[ 0.353178] intel_idle: MWAIT substates: 0x22220
[ 0.353183] intel_idle: does not run on family 6 model 14
[ 0.353352] input: Power Button as /devices/LNXSYSTM:00/device:00/PNP0C0C:00/input/input0
[ 0.353363] ACPI: Power Button [PWRB]
[ 0.353486] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input1
[ 0.353494] ACPI: Power Button [PWRB]
[ 0.353605] ACPI: Fan [FAN] (on)
[ 0.357323] thermal LNX_THERM:00: registered as thermal_zone0
[ 0.357329] ACPI: Thermal Zone [THRM] (49 C)
[ 0.357417] ERST: Table is not found!

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[ 0.357421] GHES: HEST is not enabled!
[ 0.357620] Serial: 8250/16550 driver, 32 ports, IRQ sharing enabled
[ 0.364171] isapnp: Scanning for PnP cards...
[ 0.378216] serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[ 0.484705] serial8250: ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A
[ 0.718154] isapnp: No Plug & Play device found
[ 0.794592] Freeing initrd memory: 13828k freed
[ 0.872896] 00:06: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[ 0.908698] 00:07: ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A
[ 0.924532] Linux agpgart interface v0.103
[ 0.924719] agpgart-intel 0000:00:00.0: Intel 945GME Chipset
[ 0.924809] agpgart-intel 0000:00:00.0: detected gtt size: 262144K total, 262144K mappable
[ 0.925934] agpgart-intel 0000:00:00.0: detected 8192K stolen memory
[ 0.926153] agpgart-intel 0000:00:00.0: AGP aperture is 256M @ 0xd0000000
[ 0.929775] brd: module loaded
[ 0.931610] loop: module loaded
[ 0.931979] ata_piix 0000:00:1f.1: version 2.13
[ 0.932002] ata_piix 0000:00:1f.1: PCI INT A -> GSI 18 (level, low) -> IRQ 18
[ 0.932077] ata_piix 0000:00:1f.1: setting latency timer to 64
[ 0.932782] scsi0 : ata_piix
[ 0.932964] scsi1 : ata_piix
[ 0.933574] ata1: PATA max UDMA/100 cmd 0x1f0 ctl 0x3f6 bmdma 0xf800 irq 14
[ 0.933580] ata2: PATA max UDMA/100 cmd 0x170 ctl 0x376 bmdma 0xf808 irq 15
[ 0.933651] ata2: port disabled-ignoring
[ 0.934427] Fixed MDIO Bus: probed
[ 0.934474] tun: Universal TUN/TAP device driver, 1.6
[ 0.934478] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
[ 0.934598] PPP generic driver version 2.4.2
[ 0.934826] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[ 0.934858] ehci_hcd 0000:00:1d.7: PCI INT A -> GSI 23 (level, low) -> IRQ 23
[ 0.934883] ehci_hcd 0000:00:1d.7: setting latency timer to 64
[ 0.934890] ehci_hcd 0000:00:1d.7: EHCI Host Controller
[ 0.934993] ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 1
[ 0.935023] ehci_hcd 0000:00:1d.7: using broken periodic workaround
[ 0.935040] ehci_hcd 0000:00:1d.7: debug port 1
[ 0.938923] ehci_hcd 0000:00:1d.7: cache line size of 64 is not supported
[ 0.938954] ehci_hcd 0000:00:1d.7: irq 23, io mem 0xfdf000
[ 0.952047] ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00
[ 0.952344] hub 1-0:1.0: USB hub found
[ 0.952353] hub 1-0:1.0: 8 ports detected
[ 0.952526] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[ 0.952557] uhci_hcd: USB Universal Host Controller Interface driver
[ 0.952593] uhci_hcd 0000:00:1d.0: PCI INT A -> GSI 23 (level, low) -> IRQ 23
[ 0.952606] uhci_hcd 0000:00:1d.0: setting latency timer to 64
[ 0.952612] uhci_hcd 0000:00:1d.0: UHCI Host Controller
[ 0.952707] uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 2
[ 0.952742] uhci_hcd 0000:00:1d.0: irq 23, io base 0x0000fe00
[ 0.953021] hub 2-0:1.0: USB hub found
[ 0.953030] hub 2-0:1.0: 2 ports detected
[ 0.953167] uhci_hcd 0000:00:1d.1: PCI INT B -> GSI 19 (level, low) -> IRQ 19
[ 0.953179] uhci_hcd 0000:00:1d.1: setting latency timer to 64
[ 0.953185] uhci_hcd 0000:00:1d.1: UHCI Host Controller
[ 0.953286] uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 3
[ 0.953338] uhci_hcd 0000:00:1d.1: irq 19, io base 0x0000fd00
[ 0.953613] hub 3-0:1.0: USB hub found
[ 0.953621] hub 3-0:1.0: 2 ports detected
[ 0.953758] uhci_hcd 0000:00:1d.2: PCI INT C -> GSI 18 (level, low) -> IRQ 18
[ 0.953771] uhci_hcd 0000:00:1d.2: setting latency timer to 64
[ 0.953777] uhci_hcd 0000:00:1d.2: UHCI Host Controller
[ 0.953871] uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 4
[ 0.953925] uhci_hcd 0000:00:1d.2: irq 18, io base 0x0000fc00
[ 0.954205] hub 4-0:1.0: USB hub found
[ 0.954213] hub 4-0:1.0: 2 ports detected
[ 0.954361] uhci_hcd 0000:00:1d.3: PCI INT D -> GSI 16 (level, low) -> IRQ 16
[ 0.954373] uhci_hcd 0000:00:1d.3: setting latency timer to 64
[ 0.954380] uhci_hcd 0000:00:1d.3: UHCI Host Controller
[ 0.954483] uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 5
[ 0.954534] uhci_hcd 0000:00:1d.3: irq 16, io base 0x0000fb00
[ 0.954808] hub 5-0:1.0: USB hub found
[ 0.954816] hub 5-0:1.0: 2 ports detected
[ 0.955060] usbcore: registered new interface driver libusual
[ 0.955161] i8042: PNP: PS/2 Controller [PNP0303:PS2K] at 0x60,0x64 irq 1
[ 0.955166] i8042: PNP: PS/2 appears to have AUX port disabled, if this is incorrect please boot with i8042.nopnp
[ 0.955897] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 0.956151] mousedev: PS/2 mouse device common for all mice
[ 0.956458] rtc_cmos 00:03: RTC can wake from S4
[ 0.956654] rtc_cmos 00:03: rtc core: registered rtc_cmos as rtc0
[ 0.956691] rtc0: alarms up to one month, 242 bytes nvram, hpet irqs
[ 0.956815] device-mapper: uevent: version 1.0.3
[ 0.956976] device-mapper: ioctl: 4.22.0-ioctl (2011-10-19) initialised: dm-devel@redhat.com
[ 0.957053] EISA: Probing bus 0 at eisa.0
[ 0.957058] EISA: Cannot allocate resource for mainboard
[ 0.957062] Cannot allocate resource for EISA slot 1
[ 0.957067] Cannot allocate resource for EISA slot 2
[ 0.957071] Cannot allocate resource for EISA slot 3
[ 0.957075] Cannot allocate resource for EISA slot 4
[ 0.957079] Cannot allocate resource for EISA slot 5
[ 0.957084] Cannot allocate resource for EISA slot 6

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[ 0.957088] Cannot allocate resource for EISA slot 7
[ 0.957092] Cannot allocate resource for EISA slot 8
[ 0.957096] EISA: Detected 0 cards.
[ 0.957113] cpufreq-nforce2: No nForce2 chipset.
[ 0.957118] cpuidle: using governor ladder
[ 0.957122] cpuidle: using governor menu
[ 0.957126] EFI Variables Facility v0.08 2004-May-17
[ 0.957727] TCP cubic registered
[ 0.957993] NET: Registered protocol family 10
[ 0.959302] NET: Registered protocol family 17
[ 0.959311] Registering the dns_resolver key type
[ 0.959343] Using IPI No-Shortcut mode
[ 0.959571] PM: Hibernation image not present or could not be loaded.
[ 0.959594] registered taskstats version 1
[ 0.971388] Magic number: 4:647:778
[ 0.971525] rtc_cmos 00:03: setting system clock to 2012-11-19 09:45:42 UTC (1353318342)
[ 0.972163] BIOS EDD facility v0.16 2004-Jun-25, 0 devices found
[ 0.972167] EDD information not available.
[ 1.104402] ata1.01: CFA: AFAYA CFC 16GB, 20090819, max UDMA/66
[ 1.104409] ata1.01: 31293440 sectors, multi 0: LBA
[ 1.120281] ata1.01: configured for UDMA/66
[ 1.120541] scsi 0:0:1:0: Direct-Access ATA AFAYA CFC 16GB 2009 PQ: 0 ANSI: 5
[ 1.120814] sd 0:0:1:0: [sda] 31293440 512-byte logical blocks: (16.0 GB/14.9 GiB)
[ 1.120889] sd 0:0:1:0: Attached scsi generic sg0 type 0
[ 1.120937] sd 0:0:1:0: [sda] Write Protect is off
[ 1.120944] sd 0:0:1:0: [sda] Mode Sense: 00 3a 00 00
[ 1.120998] sd 0:0:1:0: [sda] Write cache: disabled, read cache: enabled, doesn't support DPO or FUA
[ 1.122872] sda: sda1 sda2 < sda5 sda6 >
[ 1.123724] sd 0:0:1:0: [sda] Attached SCSI disk
[ 1.123861] Freeing unused kernel memory: 740k freed
[ 1.124413] Write protecting the kernel text: 5824k
[ 1.124453] Write protecting the kernel read-only data: 2376k
[ 1.124457] NX-protecting the kernel data: 4416k
[ 1.153973] udevd[87]: starting version 175
[ 1.264065] usb 1-1: new high-speed USB device number 2 using ehci_hcd
[ 1.281846] e1000e: Intel(R) PRO/1000 Network Driver - 1.5.1-k
[ 1.281852] e1000e: Copyright(c) 1999 - 2011 Intel Corporation.
[ 1.281897] e1000e 0000:01:00.0: Disabling ASPM L0s L1
[ 1.281921] e1000e 0000:01:00.0: PCI INT A -> GSI 16 (level, low) -> IRQ 16
[ 1.281951] e1000e 0000:01:00.0: setting latency timer to 64
[ 1.282300] e1000e 0000:01:00.0: irq 42 for MSI/MSI-X
[ 1.300072] Refined TSC clocksource calibration: 1196.999 MHz.
[ 1.300083] Switching to clocksource tsc
[ 1.393137] e1000e 0000:01:00.0: eth0: (PCI Express:2.5GT/s:Width x1) 00:80:4c:a7:d8:21
[ 1.393145] e1000e 0000:01:00.0: eth0: Intel(R) PRO/1000 Network Connection
[ 1.393224] e1000e 0000:01:00.0: eth0: MAC: 2, PHY: 2, PBA No: FFFFFFFF-0FF
[ 1.393397] e1000e 0000:02:00.0: Disabling ASPM L0s L1
[ 1.393420] e1000e 0000:02:00.0: PCI INT A -> GSI 17 (level, low) -> IRQ 17
[ 1.393449] e1000e 0000:02:00.0: setting latency timer to 64
[ 1.393672] e1000e 0000:02:00.0: irq 43 for MSI/MSI-X
[ 1.402074] usbcore: registered new interface driver uas
[ 1.402541] Initializing USB Mass Storage driver...
[ 1.402805] scsi2 : usb-storage 1-1:1.0
[ 1.402985] usbcore: registered new interface driver usb-storage
[ 1.402989] USB Mass Storage support registered.
[ 1.404544] EXT4-fs (sda5): mounted filesystem with ordered data mode. Opts: (null)
[ 1.504848] e1000e 0000:02:00.0: eth1: (PCI Express:2.5GT/s:Width x1) 00:80:4c:a7:d8:20
[ 1.504856] e1000e 0000:02:00.0: eth1: Intel(R) PRO/1000 Network Connection
[ 1.504933] e1000e 0000:02:00.0: eth1: MAC: 2, PHY: 2, PBA No: FFFFFFFF-0FF
[ 1.880070] usb 3-1: new low-speed USB device number 2 using uhci_hcd
[ 2.296173] usb 3-2: new low-speed USB device number 3 using uhci_hcd
[ 2.401895] scsi 2:0:0:0: Direct-Access Generic USB Flash Disk 7.76 PQ: 0 ANSI: 2
[ 2.403542] sd 2:0:0:0: Attached scsi generic sg1 type 0
[ 2.404609] sd 2:0:0:0: [sdb] 1998848 512-byte logical blocks: (1.02 GB/976 MiB)
[ 2.405087] sd 2:0:0:0: [sdb] Write Protect is off
[ 2.405093] sd 2:0:0:0: [sdb] Mode Sense: 03 00 00 00
[ 2.405609] sd 2:0:0:0: [sdb] No Caching mode page present
[ 2.405616] sd 2:0:0:0: [sdb] Assuming drive cache: write through
[ 2.408361] sd 2:0:0:0: [sdb] No Caching mode page present
[ 2.408369] sd 2:0:0:0: [sdb] Assuming drive cache: write through
[ 2.409300] sdb:
[ 2.411348] sd 2:0:0:0: [sdb] No Caching mode page present
[ 2.411355] sd 2:0:0:0: [sdb] Assuming drive cache: write through
[ 2.411363] sd 2:0:0:0: [sdb] Attached SCSI removable disk
[ 6.486608] ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 6.486622] ADDRCONF(NETDEV_UP): eth1: link is not ready
[ 6.496818] udevd[302]: starting version 175
[ 6.547327] Adding 498684k swap on /dev/sda6. Priority:-1 extents:1 across:498684k
[ 6.551512] lp: driver loaded but no devices found
[ 6.788404] [drm] Initialized drm 1.1.0 20060810
[ 6.826686] EXT4-fs (sda5): re-mounted. Opts: errors=remount-ro
[ 6.877662] intel_rng: FWH not detected
[ 6.896547] i915 0000:00:02.0: PCI INT A -> GSI 16 (level, low) -> IRQ 16
[ 6.896558] i915 0000:00:02.0: setting latency timer to 64
[ 6.905874] [drm] Supports vblank timestamp caching Rev 1 (10.10.2010).
[ 6.905880] [drm] Driver supports precise vblank timestamp query.
[ 6.939926] vgaarb: device changed decodes: PCI:0000:00:02.0,olddecodes=io+mem,decodes=io+mem:owns=io+mem
[ 7.167027] [drm] initialized overlay support

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[ 7.580062] fbcon: inteldrmfb (fb0) is primary device
[ 7.580222] Console: switching to colour frame buffer device 128x48
[ 7.580276] fb0: inteldrmfb frame buffer device
[ 7.580279] drm: registered panic notifier
[ 7.580326] [drm] Initialized i915 1.6.0 20080730 for 0000:00:02.0 on minor 0
[ 7.580394] snd_intel8x0 0000:00:1e.2: PCI INT A -> GSI 17 (level, low) -> IRQ 17
[ 7.580428] snd_intel8x0 0000:00:1e.2: setting latency timer to 64
[ 7.596496] type=1400 audit(1353318349.123:2): apparmor="STATUS" operation="profile_load" name="/sbin/dhclient" pid=540 comm="apparmor_parser"
[ 7.598305] type=1400 audit(1353318349.123:3): apparmor="STATUS" operation="profile_load" name="/usr/lib/NetworkManager/nm-dhcp-client.action"
pid=540 comm="apparmor_parser"
[ 7.598826] type=1400 audit(1353318349.123:4): apparmor="STATUS" operation="profile_load" name="/usr/lib/connman/scripts/dhclient-script" pid=540
comm="apparmor_parser"
[ 7.603833] type=1400 audit(1353318349.127:5): apparmor="STATUS" operation="profile_replace" name="/sbin/dhclient" pid=651
comm="apparmor_parser"
[ 7.605845] type=1400 audit(1353318349.131:6): apparmor="STATUS" operation="profile_replace"
name="/usr/lib/NetworkManager/nm-dhcp-client.action" pid=651 comm="apparmor_parser"
[ 7.606372] type=1400 audit(1353318349.131:7): apparmor="STATUS" operation="profile_replace" name="/usr/lib/connman/scripts/dhclient-script"
pid=651 comm="apparmor_parser"
[ 7.609901] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: (null)
[ 7.626048] input: DELL Dell QuietKey Keyboard as /devices/pci0000:00/0000:00:1d.1/usb3/3-1/3-1:1.0/input/input2
[ 7.626368] generic-usb 0003:413C:2106.0001: input,hidraw0: USB HID v1.10 Keyboard [DELL Dell QuietKey Keyboard] on usb-0000:00:1d.1-1/input0
[ 7.645156] input: Logitech USB Optical Mouse as /devices/pci0000:00/0000:00:1d.1/usb3/3-2/3-2:1.0/input/input3
[ 7.645567] generic-usb 0003:046D:C05A.0002: input,hidraw1: USB HID v1.11 Mouse [Logitech USB Optical Mouse] on usb-0000:00:1d.1-2/input0
[ 7.645647] usbcore: registered new interface driver usbbhid
[ 7.645652] usbbhid: USB HID core driver
[ 7.826809] init: failsafe main process (737) killed by TERM signal
[ 7.908025] intel8x0_measure_ac97_clock: measured 52227 usecs (2517 samples)
[ 7.908032] intel8x0: clocking to 48000
[ 7.945422] ppdev: user-space parallel port driver
[ 8.002854] Bluetooth: Core ver 2.16
[ 8.006566] NET: Registered protocol family 31
[ 8.006573] Bluetooth: HCI device and connection manager initialized
[ 8.006579] Bluetooth: HCI socket layer initialized
[ 8.006583] Bluetooth: L2CAP socket layer initialized
[ 8.006595] Bluetooth: SCO socket layer initialized
[ 8.015524] Bluetooth: BNEP (Ethernet Emulation) ver 1.3
[ 8.015530] Bluetooth: BNEP filters: protocol multicast
[ 8.055947] type=1400 audit(1353318349.579:8): apparmor="STATUS" operation="profile_load" name="/usr/lib/cups/backend/cups-pdf" pid=820
comm="apparmor_parser"
[ 8.071510] type=1400 audit(1353318349.595:9): apparmor="STATUS" operation="profile_load" name="/usr/sbin/cupsd" pid=820
comm="apparmor_parser"
[ 8.074442] Bluetooth: RFCOMM TTY layer initialized
[ 8.074452] Bluetooth: RFCOMM socket layer initialized
[ 8.074456] Bluetooth: RFCOMM ver 1.11
[ 8.136179] [drm] Changing LVDS panel from (+hsync, +vsync) to (-hsync, -vsync)
[ 8.232478] e1000e 0000:01:00.0: irq 42 for MSI/MSI-X
[ 8.288125] e1000e 0000:01:00.0: irq 42 for MSI/MSI-X
[ 8.288837] ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 8.289515] ADDRCONF(NETDEV_UP): eth0: link is not ready
[ 8.368362] e1000e 0000:02:00.0: irq 43 for MSI/MSI-X
[ 8.424169] e1000e 0000:02:00.0: irq 43 for MSI/MSI-X
[ 8.424979] ADDRCONF(NETDEV_UP): eth1: link is not ready
[ 8.425921] ADDRCONF(NETDEV_UP): eth1: link is not ready
[ 8.564640] type=1400 audit(1353318350.091:10): apparmor="STATUS" operation="profile_load"
name="/usr/lib/lightdm/lightdm/lightdm-guest-session-wrapper" pid=866 comm="apparmor_parser"
[ 8.564995] type=1400 audit(1353318350.091:11): apparmor="STATUS" operation="profile_replace" name="/sbin/dhclient" pid=867
comm="apparmor_parser"
[ 10.034607] e1000e: eth1 NIC Link is Up 100 Mbps Full Duplex, Flow Control: Rx/Tx
[ 10.034617] e1000e 0000:02:00.0: eth1: 10/100 speed: disabling TSO
[ 10.034984] ADDRCONF(NETDEV_CHANGE): eth1: link becomes ready
[ 20.352049] eth1: no IPv6 routers present
root@localhost:~#

```

3.6 PCI Device 情報

```

root@localhost:~# lspci
00:00.0 Host bridge: Intel Corporation Mobile 945GSE Express Memory Controller Hub (rev 03)
00:02.0 VGA compatible controller: Intel Corporation Mobile 945GSE Express Integrated Graphics Controller (rev 03)
00:02.1 Display controller: Intel Corporation Mobile 945GM/GMS/GME, 943/940GML Express Integrated Graphics Controller (rev 03)
00:1c.0 PCI bridge: Intel Corporation N10/ICH 7 Family PCI Express Port 1 (rev 02)
00:1c.1 PCI bridge: Intel Corporation N10/ICH 7 Family PCI Express Port 2 (rev 02)
00:1d.0 USB controller: Intel Corporation N10/ICH 7 Family USB UHCI Controller #1 (rev 02)
00:1d.1 USB controller: Intel Corporation N10/ICH 7 Family USB UHCI Controller #2 (rev 02)
00:1d.2 USB controller: Intel Corporation N10/ICH 7 Family USB UHCI Controller #3 (rev 02)
00:1d.3 USB controller: Intel Corporation N10/ICH 7 Family USB UHCI Controller #4 (rev 02)
00:1d.7 USB controller: Intel Corporation N10/ICH 7 Family USB2 EHCI Controller (rev 02)
00:1e.0 PCI bridge: Intel Corporation 82801 Mobile PCI Bridge (rev e2)
00:1e.2 Multimedia audio controller: Intel Corporation 82801G (ICH7 Family) AC'97 Audio Controller (rev 02)
00:1f.0 ISA bridge: Intel Corporation 82801GHM (ICH7-M DH) LPC Interface Bridge (rev 02)
00:1f.1 IDE interface: Intel Corporation 82801G (ICH7 Family) IDE Controller (rev 02)
00:1f.3 SMBus: Intel Corporation N10/ICH 7 Family SMBus Controller (rev 02)
01:00.0 Ethernet controller: Intel Corporation 82573L Gigabit Ethernet Controller
02:00.0 Ethernet controller: Intel Corporation 82573L Gigabit Ethernet Controller
root@localhost:~#

```

3.7 システムロードモジュール

```

root@localhost:~# lsmod
Module                Size  Used by
nls_iso8859_1         12617  1
nls_cp437             12751  1
vfat                 17308  1
fat                  55605  1 vfat
rfcomm               38139  0
bnep                 17830  2
bluetooth           158438  10 rfcomm,bnep
parport_pc           32114  0
ppdev                12849  0
usbhid              41906  0
hid                 77392  1 usbhid
serio_raw           13027  0
snd_intel8x0         33455  2
snd_ac97_codec       106082  1 snd_intel8x0
ac97_bus             12642  1 snd_ac97_codec
snd_pcm              80845  2 snd_intel8x0,snd_ac97_codec
snd_seq_midi         13132  0
snd_rawmidi          25424  1 snd_seq_midi
snd_seq_midi_event   14475  1 snd_seq_midi
snd_seq              51567  2 snd_seq_midi,snd_seq_midi_event
snd_timer            28931  2 snd_pcm,snd_seq
snd_seq_device       14172  3 snd_seq_midi,snd_rawmidi,snd_seq
snd                  62064  11 snd_intel8x0,snd_ac97_codec,snd_pcm,snd_rawmidi,snd_seq,snd_timer,snd_seq_device
soundcore            14635  1 snd
snd_page_alloc       14108  2 snd_intel8x0,snd_pcm
i915                 419110  3
drm_kms_helper       45466  1 i915
drm                  197599  4 i915,drm_kms_helper
mac_hid              13077  0
i2c_algo_bit        13199  1 i915
video                19068  1 i915
lp                   17455  0
parport              40930  3 parport_pc,ppdev,lp
uas                  17828  0
usb_storage          39646  1
e1000e               139997  0
root@localhost:~#

```

3.8 バージョン情報

```
root@localhost:~# cat /proc/version
Linux version 3.2.0-33-generic-pae (buildd@lamiak) (gcc version 4.6.3 (Ubuntu/Linaro 4.6.3-1ubuntu5) ) #52-Ubuntu SMP Thu Oct 18 16:39:21 UTC 2012
root@localhost:~#
```

3.9 IRQ 利用情報

```
root@localhost:~# cat /proc/interrupts
          CPU0       CPU1
0:         44         0  IO-APIC-edge      timer
1:          3         0  IO-APIC-edge      i8042
8:          1         0  IO-APIC-edge      rtc0
9:          0         0  IO-APIC-fasteoi    acpi
14:       10449         0  IO-APIC-edge      ata_piix
15:          0         0  IO-APIC-edge      ata_piix
16:      28514         0  IO-APIC-fasteoi    uhci_hcd:usb5, i915
17:         109         0  IO-APIC-fasteoi    snd_intel8x0
18:          0         0  IO-APIC-fasteoi    uhci_hcd:usb4
19:       1415         0  IO-APIC-fasteoi    uhci_hcd:usb3
23:        937         0  IO-APIC-fasteoi    ehci_hcd:usb1, uhci_hcd:usb2
42:         23       113  PCI-MSI-edge      eth0
43:        696         0  PCI-MSI-edge      eth1
NMI:         19        13  Non-maskable interrupts
LOC:      17982     15471  Local timer interrupts
SPU:          0         0  Spurious interrupts
PMI:         19        13  Performance monitoring interrupts
IWI:          0         0  IRQ work interrupts
RES:     20605     20844  Rescheduling interrupts
CAL:        163        221  Function call interrupts
TLB:       1084        826  TLB shootdowns
TRM:          0         0  Thermal event interrupts
THR:          0         0  Threshold APIC interrupts
MCE:          0         0  Machine check exceptions
MCP:          1         1  Machine check polls
ERR:          0
MIS:          0
root@localhost:~#
```

3.10 I/O ポート利用情報

```
root@localhost:~# cat /proc/ioports
0000-0cf7 : PCI Bus 0000:00
  0000-001f : dma1
  0020-0021 : pic1
  0040-0043 : timer0
  0050-0053 : timer1
  0060-0060 : keyboard
  0064-0064 : keyboard
  0070-0073 : rtc0
  0080-008f : dma page reg
  00a0-00a1 : pic2
  00c0-00df : dma2
  00f0-00ff : fpu
  0170-0177 : 0000:00:1f.1
    0170-0177 : ata_piix
  01f0-01f7 : 0000:00:1f.1
    01f0-01f7 : ata_piix
  02f8-02ff : serial
  0376-0376 : 0000:00:1f.1
    0376-0376 : ata_piix
  03f6-03f6 : 0000:00:1f.1
    03f6-03f6 : ata_piix
  03f8-03ff : serial
  0400-04bf : pnp 00:09
    0400-0403 : ACPI PM1a_EVT_BLK
    0404-0405 : ACPI PM1a_CNT_BLK
    0408-040b : ACPI PM_TMR
    0410-0415 : ACPI CPU throttle
    0428-042f : ACPI GPE0_BLK
  04d0-04d1 : pnp 00:01
  0500-051f : 0000:00:1f.3
  0800-087f : pnp 00:01
  0880-088f : pnp 00:01
  0cf8-0cff : PCI conf1
0d00-ffff : PCI Bus 0000:00
  c000-cfff : PCI Bus 0000:03
  d000-dfff : PCI Bus 0000:02
    df00-df1f : 0000:02:00.0
  e000-efff : PCI Bus 0000:01
    ef00-ef1f : 0000:01:00.0
  f200-f2ff : 0000:00:1e.2
    f200-f2ff : Intel ICH7
  f800-f80f : 0000:00:1f.1
    f800-f80f : ata_piix
  fa00-fa3f : 0000:00:1e.2
    fa00-fa3f : Intel ICH7
  fb00-fb1f : 0000:00:1d.3
    fb00-fb1f : uhci_hcd
  fc00-fc1f : 0000:00:1d.2
    fc00-fc1f : uhci_hcd
  fd00-fd1f : 0000:00:1d.1
    fd00-fd1f : uhci_hcd
  fe00-fe1f : 0000:00:1d.0
    fe00-fe1f : uhci_hcd
  ff00-ff07 : 0000:00:02.0
root@localhost:~#
```

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大阪市西淀川区姫里3-9-31 〒555-0025

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