

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

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 - *Date:* Sat, 24 Nov 2007 23:36:37 +0300
-

I have no COM port on notebook (without port replicator which I do not have) so COM is disabled in BIOS. No ttyS* is detected during boot (and no device created) but I just noticed that serial modules are still loaded. Well, this partially defeats the purpose of disabling COM port – the intention was to free resources by *not* loading unneeded modules ...

This may have something to do with (ACPI) PnP which apparently believes COM is alive. Notebook is Toshiba Portege 4000.

```
{pts/0}% lsmod | grep 82
8250_pnp 9792 0
8250 24660 1 8250_pnp
serial_core 22872 1 8250
```

```
{pts/0}% lspnp -v
00:00 PNP0c01 System board
state = active
mem 0x0-0x9ffff
mem 0xe0000-0xfffff
mem 0xf0000-0xfffff
mem 0x100000-0x1ef5ffff
```

```
00:01 PNP0a03 PCI bus
state = active
io 0xcf8-0xcff
```

```
00:02 PNP0200 AT DMA controller
state = active
io 0x0-0xf
io 0x81-0x83
io 0x87-0x87
io 0x89-0x8b
io 0x8f-0x8f
io 0xc0-0xdf
dma 4
```

```
00:03 PNP0800 AT speaker
state = active
```

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io 0x61–0x61

00:04 PNP0c04 Math coprocessor

state = active

io 0xf0–0xff

irq 13

00:05 PNP0303 IBM enhanced keyboard (101/102–key, PS/2 mouse support)

state = active

io 0x60–0x60

io 0x64–0x64

irq 1

00:06 PNP0f13 PS/2 port for PS/2–style mice

state = active

irq 12

00:07 PNP0b00 AT real–time clock

state = active

io 0x70–0x71

irq 8

00:08 PNP0c02 Motherboard resources

state = active

io 0x2e–0x2f

io 0x62–0x62

io 0x66–0x66

io 0x80–0x80

io 0x84–0x86

io 0x88–0x88

io 0x8c–0x8e

io 0x92–0x92

00:09 PNP0501 16550A–compatible serial port

state = active

io 0x3f8–0x3ff

irq 5

00:0a SMCf010 SMC Fast Infrared Port

state = disabled

00:0b PNP0401 ECP printer port

state = disabled

[0.000000] Linux version 2.6.24–rc3–1avb (bor@cooker) (gcc version 4.2.2 (4.2.2–1mdv2008.1)) #7 Sat Nov 17 12:09:07 MSK 2007

[0.000000] BIOS–provided physical RAM map:

[0.000000] BIOS–e820: 0000000000000000 – 0000000000009fc00 (usable)

[0.000000] BIOS–e820: 0000000000009fc00 – 000000000000a0000 (reserved)

[0.000000] BIOS–e820: 000000000000e0000 – 000000000000eee00 (reserved)

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```
[ 0.000000] BIOS-e820: 000000000000eee00 – 000000000000ef000 (ACPI NVS)
[ 0.000000] BIOS-e820: 000000000000ef000 – 00000000000100000 (reserved)
[ 0.000000] BIOS-e820: 00000000000100000 – 0000000001ef60000 (usable)
[ 0.000000] BIOS-e820: 0000000001ef60000 – 0000000001ef70000 (ACPI data)
[ 0.000000] BIOS-e820: 0000000001ef70000 – 00000000200000000 (reserved)
[ 0.000000] BIOS-e820: 00000000fff80000 – 00000001000000000 (reserved)
[ 0.000000] 495MB LOWMEM available.
[ 0.000000] Entering add_active_range(0, 0, 126816) 0 entries of 256 used
[ 0.000000] Zone PFN ranges:
[ 0.000000] DMA 0 -> 4096
[ 0.000000] Normal 4096 -> 126816
[ 0.000000] Movable zone start PFN for each node
[ 0.000000] early_node_map[1] active PFN ranges
[ 0.000000] 0: 0 -> 126816
[ 0.000000] On node 0 totalpages: 126816
[ 0.000000] DMA zone: 32 pages used for memmap
[ 0.000000] DMA zone: 0 pages reserved
[ 0.000000] DMA zone: 4064 pages, LIFO batch:0
[ 0.000000] Normal zone: 958 pages used for memmap
[ 0.000000] Normal zone: 121762 pages, LIFO batch:31
[ 0.000000] Movable zone: 0 pages used for memmap
[ 0.000000] DMI 2.3 present.
[ 0.000000] ACPI: RSDP 000F0090, 0014 (r0 TOSHIB)
[ 0.000000] ACPI: RSDT 1EF60000, 0028 (r1 TOSHIB 750 970814 TASM 4010000)
[ 0.000000] ACPI: FACP 1EF60054, 0084 (r2 TOSHIB 750 970814 TASM 4010000)
[ 0.000000] ACPI: DSDT 1EF600D8, 68DA (r1 TOSHIB 4000 20020417 MSFT 100000A)
[ 0.000000] ACPI: FACS 000EEE00, 0040
[ 0.000000] ACPI: PM-Timer IO Port: 0xee08
[ 0.000000] Allocating PCI resources starting at 30000000 (gap: 20000000:dff80000)
[ 0.000000] swsusp: Registered nosave memory region: 000000000009f000 – 00000000000a0000
[ 0.000000] swsusp: Registered nosave memory region: 00000000000a0000 – 00000000000e0000
[ 0.000000] swsusp: Registered nosave memory region: 00000000000e0000 – 00000000000ee000
[ 0.000000] swsusp: Registered nosave memory region: 00000000000ee000 – 00000000000ef000
[ 0.000000] swsusp: Registered nosave memory region: 00000000000ef000 – 00000000000100000
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pages: 125826
[ 0.000000] Kernel command line: BOOT_IMAGE=2.6.24-rc3-1avb root=LABEL=/ resume=LABEL=swap
vga=791
[ 0.000000] Enabling fast FPU save and restore... done.
[ 0.000000] Enabling unmasked SIMD FPU exception support... done.
[ 0.000000] Initializing CPU#0
[ 0.000000] PID hash table entries: 2048 (order: 11, 8192 bytes)
[ 0.000000] Detected 747.681 MHz processor.
[ 64.681620] Console: colour dummy device 80x25
[ 64.681647] console [tty0] enabled
[ 64.683794] Lock dependency validator: Copyright (c) 2006 Red Hat, Inc., Ingo Molnar
[ 64.683819] ... MAX_LOCKDEP_SUBCLASSES: 8
[ 64.683834] ... MAX_LOCK_DEPTH: 30
[ 64.683849] ... MAX_LOCKDEP_KEYS: 2048
[ 64.683865] ... CLASSHASH_SIZE: 1024
[ 64.683880] ... MAX_LOCKDEP_ENTRIES: 8192
[ 64.683896] ... MAX_LOCKDEP_CHAINS: 16384
```

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```
[ 64.683911] ... CHAINHASH_SIZE: 8192
[ 64.683926] memory used by lock dependency info: 1024 kB
[ 64.683944] per task-struct memory footprint: 1680 bytes
[ 64.683963] -----
[ 64.683976] | Locking API testsuite:
[ 64.683991]

-----

[ 64.684018] | spin |wlock |rlock |mutex |wsem |rsem |
[ 64.684044]

-----

[ 64.684097] A-A deadlock: ok | ok | ok | ok | ok | ok |
[ 64.686992] A-B-B-A deadlock: ok | ok | ok | ok | ok | ok |
[ 64.689199] A-B-B-C-C-A deadlock: ok | ok | ok | ok | ok | ok |
[ 64.691459] A-B-C-A-B-C deadlock: ok | ok | ok | ok | ok | ok |
[ 64.693712] A-B-B-C-C-D-D-A deadlock: ok | ok | ok | ok | ok | ok |
[ 64.696038] A-B-C-D-B-D-D-A deadlock: ok | ok | ok | ok | ok | ok |
[ 64.698363] A-B-C-D-B-C-D-A deadlock: ok | ok | ok | ok | ok | ok |
[ 64.700697] double unlock: ok | ok | ok | ok | ok | ok |
[ 64.702833] initialize held: ok | ok | ok | ok | ok | ok |
[ 64.704958] bad unlock order: ok | ok | ok | ok | ok | ok |
[ 64.707150]

-----

[ 64.707177] recursive read-lock: | ok | | ok |
[ 64.707908] recursive read-lock #2: | ok | | ok |
[ 64.708640] mixed read-write-lock: | ok | | ok |
[ 64.709377] mixed write-read-lock: | ok | | ok |
[ 64.710114]

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[ 64.710140] hard-irqs-on + irq-safe-A/12: ok | ok | ok |
[ 64.711228] soft-irqs-on + irq-safe-A/12: ok | ok | ok |
[ 64.712319] hard-irqs-on + irq-safe-A/21: ok | ok | ok |
[ 64.713397] soft-irqs-on + irq-safe-A/21: ok | ok | ok |
[ 64.714477] sirq-safe-A => hirqs-on/12: ok | ok | ok |
[ 64.715557] sirq-safe-A => hirqs-on/21: ok | ok | ok |
[ 64.716636] hard-safe-A + irq-on/12: ok | ok | ok |
[ 64.717716] soft-safe-A + irq-on/12: ok | ok | ok |
[ 64.718799] hard-safe-A + irq-on/21: ok | ok | ok |
[ 64.719878] soft-safe-A + irq-on/21: ok | ok | ok |
[ 64.720960] hard-safe-A + unsafe-B #1/123: ok | ok | ok |
[ 64.722073] soft-safe-A + unsafe-B #1/123: ok | ok | ok |
[ 64.723183] hard-safe-A + unsafe-B #1/132: ok | ok | ok |
[ 64.724292] soft-safe-A + unsafe-B #1/132: ok | ok | ok |
[ 64.725401] hard-safe-A + unsafe-B #1/213: ok | ok | ok |
[ 64.726507] soft-safe-A + unsafe-B #1/213: ok | ok | ok |
[ 64.727617] hard-safe-A + unsafe-B #1/231: ok | ok | ok |
[ 64.728724] soft-safe-A + unsafe-B #1/231: ok | ok | ok |
[ 64.729832] hard-safe-A + unsafe-B #1/312: ok | ok | ok |
[ 64.730922] soft-safe-A + unsafe-B #1/312: ok | ok | ok |
[ 64.732013] hard-safe-A + unsafe-B #1/321: ok | ok | ok |
[ 64.733119] soft-safe-A + unsafe-B #1/321: ok | ok | ok |
[ 64.734222] hard-safe-A + unsafe-B #2/123: ok | ok | ok |
```

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```
[ 64.735329] soft-safe-A + unsafe-B #2/123: ok | ok | ok |
[ 64.736441] hard-safe-A + unsafe-B #2/132: ok | ok | ok |
[ 64.737549] soft-safe-A + unsafe-B #2/132: ok | ok | ok |
[ 64.738662] hard-safe-A + unsafe-B #2/213: ok | ok | ok |
[ 64.739769] soft-safe-A + unsafe-B #2/213: ok | ok | ok |
[ 64.740877] hard-safe-A + unsafe-B #2/231: ok | ok | ok |
[ 64.741983] soft-safe-A + unsafe-B #2/231: ok | ok | ok |
[ 64.743092] hard-safe-A + unsafe-B #2/312: ok | ok | ok |
[ 64.744195] soft-safe-A + unsafe-B #2/312: ok | ok | ok |
[ 64.745311] hard-safe-A + unsafe-B #2/321: ok | ok | ok |
[ 64.746414] soft-safe-A + unsafe-B #2/321: ok | ok | ok |
[ 64.747520] hard-irq lock-inversion/123: ok | ok | ok |
[ 64.748628] soft-irq lock-inversion/123: ok | ok | ok |
[ 64.749739] hard-irq lock-inversion/132: ok | ok | ok |
[ 64.750843] soft-irq lock-inversion/132: ok | ok | ok |
[ 64.751955] hard-irq lock-inversion/213: ok | ok | ok |
[ 64.753061] soft-irq lock-inversion/213: ok | ok | ok |
[ 64.754172] hard-irq lock-inversion/231: ok | ok | ok |
[ 64.755276] soft-irq lock-inversion/231: ok | ok | ok |
[ 64.756384] hard-irq lock-inversion/312: ok | ok | ok |
[ 64.757492] soft-irq lock-inversion/312: ok | ok | ok |
[ 64.758606] hard-irq lock-inversion/321: ok | ok | ok |
[ 64.759711] soft-irq lock-inversion/321: ok | ok | ok |
[ 64.760826] hard-irq read-recursion/123: ok |
[ 64.761208] soft-irq read-recursion/123: ok |
[ 64.761593] hard-irq read-recursion/132: ok |
[ 64.761974] soft-irq read-recursion/132: ok |
[ 64.762357] hard-irq read-recursion/213: ok |
[ 64.762736] soft-irq read-recursion/213: ok |
[ 64.763118] hard-irq read-recursion/231: ok |
[ 64.763499] soft-irq read-recursion/231: ok |
[ 64.763883] hard-irq read-recursion/312: ok |
[ 64.764263] soft-irq read-recursion/312: ok |
[ 64.764646] hard-irq read-recursion/321: ok |
[ 64.765026] soft-irq read-recursion/321: ok |
[ 64.765410] -----
[ 64.765431] Good, all 218 testcases passed! |
[ 64.765447] -----
[ 64.767112] Dentry cache hash table entries: 65536 (order: 6, 262144 bytes)
[ 64.770080] Inode-cache hash table entries: 32768 (order: 5, 131072 bytes)
[ 64.875556] Memory: 495640k/507264k available (1874k kernel code, 11016k reserved, 888k data, 188k
init, 0k highmem)
[ 64.875648] virtual kernel memory layout:
[ 64.875653] fixmap : 0xffff6000 - 0xfffff000 ( 36 kB)
[ 64.875657] vmalloc : 0xdf800000 - 0xffff4000 ( 519 MB)
[ 64.875661] lowmem : 0xc0000000 - 0xdef60000 ( 495 MB)
[ 64.875665] .init : 0xc03b6000 - 0xc03e5000 ( 188 kB)
[ 64.875669] .data : 0xc02d48c9 - 0xc03b2944 ( 888 kB)
[ 64.875673] .text : 0xc0100000 - 0xc02d48c9 (1874 kB)
[ 64.875768] Checking if this processor honours the WP bit even in supervisor mode... Ok.
[ 64.875990] SLUB: Genslabs=11, HWalign=32, Order=0-1, MinObjects=4, CPUs=1, Nodes=1
```

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```
[ 64.959400] Calibrating delay using timer specific routine.. 1498.34 BogoMIPS (lpj=2496544)
[ 64.959622] Mount-cache hash table entries: 512
[ 64.960757] CPU: After generic identify, caps: 0387f9ff 00000000 00000000 00000000 00000000
00000000 00000000
[ 64.960796] CPU: L1 I cache: 16K, L1 D cache: 16K
[ 64.960829] CPU: L2 cache: 256K
[ 64.960845] CPU serial number disabled.
[ 64.960862] CPU: After all inits, caps: 0383f9ff 00000000 00000000 00000040 00000000 00000000
00000000 00000000
[ 64.960904] Compat vDSO mapped to fffff000.
[ 64.960965] CPU: Intel Pentium III (Coppermine) stepping 0a
[ 64.961002] Checking 'hlt' instruction... OK.
[ 64.973498] Freeing SMP alternatives: 0k freed
[ 64.974263] Early unpacking initramfs... done
[ 65.078332] ACPI: Core revision 20070126
[ 65.079222] ACPI: Looking for DSDT in initramfs... error, file /DSDT.aml not found.
[ 65.089742] Parsing all Control Methods:
[ 65.090071] Table [DSDT](id 0001) - 683 Objects with 60 Devices 195 Methods 10 Regions
[ 65.090110] tbxface-0598 [00] tb_load_namespace : ACPI Tables successfully acquired
[ 65.090150] ACPI: setting ELCR to 0200 (from 0a00)
[ 65.090741] evxfevnt-0091 [00] enable : Transition to ACPI mode successful
[ 65.093253] net_namespace: 80 bytes
[ 65.096178] NET: Registered protocol family 16
[ 65.098112] ACPI: bus type pci registered
[ 65.100136] PCI: PCI BIOS revision 2.10 entry at 0xfe5ae, last bus=5
[ 65.100180] PCI: Using configuration type 1
[ 65.100196] Setting up standard PCI resources
[ 65.113276] evgpeblk-0956 [00] ev_create_gpe_block : GPE 00 to 3F [_GPE] 8 regs on int 0x9
[ 65.115356] evgpeblk-1052 [00] ev_initialize_gpe_bloc: Found 3 Wake, Enabled 0 Runtime GPEs in this
block
[ 65.115409] ACPI: EC: Look up EC in DSDT
[ 65.123235] Completing Region/Field/Buffer/Package initialization:.....
[ 65.125898] Initialized 5/10 Regions 0/0 Fields 16/16 Buffers 16/27 Packages (692 nodes)
[ 65.125930] Initializing Device/Processor/Thermal objects by executing _INI methods:.
[ 65.129459] Executed 1 _INI methods requiring 0 _STA executions (examined 64 objects)
[ 65.129547] ACPI: Interpreter enabled
[ 65.129566] ACPI: (supports S0 S3 S4 S5)
[ 65.129715] ACPI: Using PIC for interrupt routing
[ 65.161477] ACPI: PCI Root Bridge [PCI0] (0000:00)
[ 65.163189] PCI quirk: region ee00-ee3f claimed by ali7101 ACPI
[ 65.163229] PCI quirk: region ef00-ef1f claimed by ali7101 SMB
[ 65.165447] ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
[ 65.166082] ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PCI1._PRT]
[ 65.192907] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 6 7 10 *11)
[ 65.193684] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 6 7 10 *11)
[ 65.194403] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 6 7 10 *11)
[ 65.195119] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 7 10 *11)
[ 65.195865] ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 6 7 10 *11)
[ 65.196703] ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 6 7 10 *11)
[ 65.198015] ACPI: Power Resource [PFAN] (off)
[ 65.198385] Linux Plug and Play Support v0.97 (c) Adam Belay
```

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```
[ 65.198649] pnp: PnP ACPI init
[ 65.198789] ACPI: bus type pnp registered
[ 65.222567] pnp: PnP ACPI: found 12 devices
[ 65.222688] ACPI: ACPI bus type pnp unregistered
[ 65.223755] PCI: Using ACPI for IRQ routing
[ 65.223792] PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
[ 65.249274] Time: tsc clocksource has been installed.
[ 65.256263] system 00:00: iomem range 0x0-0x9ffff could not be reserved
[ 65.256296] system 00:00: iomem range 0xe0000-0xfffff could not be reserved
[ 65.256323] system 00:00: iomem range 0xf0000-0xfffff could not be reserved
[ 65.256349] system 00:00: iomem range 0x100000-0x1ef5ffff could not be reserved
[ 65.289947] PCI: Bridge: 0000:00:01.0
[ 65.289983] IO window: disabled.
[ 65.290010] MEM window: f7f00000-fdffffff
[ 65.290032] PREFETCH window: disabled.
[ 65.290060] PCI: Bus 2, cardbus bridge: 0000:00:10.0
[ 65.290078] IO window: 00001000-000010ff
[ 65.290100] IO window: 00001400-000014ff
[ 65.290122] PREFETCH window: 30000000-33ffffff
[ 65.290146] MEM window: 34000000-37ffffff
[ 65.290168] PCI: Bus 6, cardbus bridge: 0000:00:11.0
[ 65.290185] IO window: 00001800-000018ff
[ 65.290207] IO window: 00001c00-00001cff
[ 65.290229] PREFETCH window: 38000000-3bffffff
[ 65.290252] MEM window: 3c000000-3fffffff
[ 65.290275] PCI: Bus 10, cardbus bridge: 0000:00:11.1
[ 65.290292] IO window: 00002000-000020ff
[ 65.290314] IO window: 00002400-000024ff
[ 65.290336] PREFETCH window: 40000000-43ffffff
[ 65.290359] MEM window: 44000000-47ffffff
[ 65.290410] PCI: Setting latency timer of device 0000:00:01.0 to 64
[ 65.290488] PCI: Enabling device 0000:00:10.0 (0000 -> 0003)
[ 65.292096] ACPI: PCI Interrupt Link [LNKC] enabled at IRQ 11
[ 65.292126] PCI: setting IRQ 11 as level-triggered
[ 65.292135] ACPI: PCI Interrupt 0000:00:10.0[A] -> Link [LNKC] -> GSI 11 (level, low) -> IRQ 11
[ 65.292215] PCI: Enabling device 0000:00:11.0 (0000 -> 0003)
[ 65.293449] ACPI: PCI Interrupt Link [LNKA] enabled at IRQ 11
[ 65.293474] ACPI: PCI Interrupt 0000:00:11.0[A] -> Link [LNKA] -> GSI 11 (level, low) -> IRQ 11
[ 65.293554] PCI: Enabling device 0000:00:11.1 (0000 -> 0003)
[ 65.294738] ACPI: PCI Interrupt Link [LNKB] enabled at IRQ 11
[ 65.294763] ACPI: PCI Interrupt 0000:00:11.1[B] -> Link [LNKB] -> GSI 11 (level, low) -> IRQ 11
[ 65.294869] NET: Registered protocol family 2
[ 65.326333] IP route cache hash table entries: 4096 (order: 2, 16384 bytes)
[ 65.327804] TCP established hash table entries: 16384 (order: 5, 131072 bytes)
[ 65.328490] TCP bind hash table entries: 16384 (order: 7, 589824 bytes)
[ 65.334646] TCP: Hash tables configured (established 16384 bind 16384)
[ 65.334857] TCP reno registered
[ 65.343464] checking if image is initramfs... it is
[ 65.533312] Freeing initrd memory: 1019k freed
[ 65.537373] audit: initializing netlink socket (disabled)
[ 65.537557] audit(1195662260.663:1): initialized
```

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```
[ 65.558087] io scheduler noop registered
[ 65.558145] io scheduler anticipatory registered
[ 65.558164] io scheduler deadline registered
[ 65.558735] io scheduler cfq registered (default)
[ 65.558838] Activating ISA DMA hang workarounds.
[ 65.558871] PCI: Firmware left 0000:00:0a.0 e100 interrupts enabled, disabling
[ 65.558935] Boot video device is 0000:01:00.0
[ 65.560305] vesafb: framebuffer at 0xfc000000, mapped to 0xdf880000, using 3072k, total 16384k
[ 65.560353] vesafb: mode is 1024x768x16, linelength=2048, pages=9
[ 65.560374] vesafb: protected mode interface info at c000:775e
[ 65.560395] vesafb: pmi: set display start = c00c777f, set palette = c00c77e2
[ 65.560416] vesafb: scrolling: redraw
[ 65.560434] vesafb: Truecolor: size=0:5:6:5, shift=0:11:5:0
[ 65.630275] Console: switching to colour frame buffer device 128x48
[ 65.693000] fb0: VESA VGA frame buffer device
[ 65.792497] Switched to high resolution mode on CPU 0
[ 65.936503] Real Time Clock Driver v1.12ac
[ 65.942944] RAMDISK driver initialized: 16 RAM disks of 32000K size 1024 blocksize
[ 65.944618] e100: Intel(R) PRO/100 Network Driver, 3.5.23-k4-NAPI
[ 65.945430] e100: Copyright(c) 1999-2006 Intel Corporation
[ 65.948543] ACPI: PCI Interrupt Link [LNKD] enabled at IRQ 11
[ 65.949446] ACPI: PCI Interrupt 0000:00:0a.0[A] -> Link [LNKD] -> GSI 11 (level, low) -> IRQ 11
[ 65.979507] e100: eth0: e100_probe: addr 0xf7efd000, irq 11, MAC addr 00:00:39:d7:14:a1
[ 65.980727] console [netcon0] enabled
[ 70.670663] Clocksource tsc unstable (delta = 4686935784 ns)
[ 70.670751] Time: acpi_pm clocksource has been installed.
[ 70.725424] netconsole: network logging started
[ 70.753601] PNP: PS/2 Controller [PNP0303:KBC,PNP0f13:PS2M] at 0x60,0x64 irq 1,12
[ 70.786689] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 70.814090] serio: i8042 AUX port at 0x60,0x64 irq 12
[ 70.842317] mice: PS/2 mouse device common for all mice
[ 70.869814] cpuidle: using governor ladder
[ 70.896153] cpuidle: using governor menu
[ 70.922193] TCP cubic registered
[ 70.948433] NET: Registered protocol family 1
[ 70.973813] Using IPI Shortcut mode
[ 70.999664] BIOS EDD facility v0.16 2004-Jun-25, 16 devices found
[ 71.029599] Freeing unused kernel memory: 188k freed
[ 71.054972] Write protecting the kernel read-only data: 719k
[ 71.110708] input: AT Translated Set 2 keyboard as /devices/platform/i8042/serio0/input/input0
[ 71.186617] Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
[ 71.213493] ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
[ 71.273244] ALI15X3: IDE controller (0x10b9:0x5229 rev 0xc3) at PCI slot 0000:00:04.0
[ 71.301801] ACPI: Unable to derive IRQ for device 0000:00:04.0
[ 71.330318] ACPI: PCI Interrupt 0000:00:04.0[A]: no GSI
[ 71.359082] ALI15X3: not 100% native mode: will probe irqs later
[ 71.388129] ide0: BM-DMA at 0xeff0-0xeff7, BIOS settings: hda:DMA, hdb:pio
[ 71.417395] ide1: BM-DMA at 0xeff8-0xefff, BIOS settings: hdc:DMA, hdd:pio
[ 71.445933] Probing IDE interface ide0...
[ 72.360494] hda: IC25N020ATDA04-0, ATA DISK drive
[ 72.388702] hda: host max PIO5 wanted PIO255(auto-tune) selected PIO4
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 72.388939] hda: host side 80-wire cable detection failed, limiting max speed to UDMA33
[ 72.417680] hda: UDMA 2 mode selected
[ 72.418207] ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
[ 72.465826] Probing IDE interface ide1...
[ 73.806749] hdc: TOSHIBA DVD-ROM SD-C2502, ATAPI CD/DVD-ROM drive
[ 73.835722] hdc: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[ 73.836157] hdc: UDMA 2 mode selected
[ 73.836918] ide1 at 0x170-0x177,0x376 on irq 15
[ 73.934019] hda: max request size: 128KiB
[ 73.962559] hda: 39070080 sectors (20003 MB) w/1806KiB Cache, CHS=38760/16/63, UDMA(33)
[ 73.991295] hda: cache flushes not supported
[ 74.019839] hda: hda1 hda2
[ 74.524795] swsusp: Marking nosave pages: 000000000009f000 - 0000000000100000
[ 74.524826] swsusp: Basic memory bitmaps created
[ 74.561819] swsusp: Basic memory bitmaps freed
[ 74.724058] ReiserFS: hda2: found reiserfs format "3.6" with standard journal
[ 74.750297] ReiserFS: hda2: using ordered data mode
[ 74.791369] ReiserFS: hda2: journal params: device hda2, size 8192, journal first block 18, max trans len
1024, max batch 900, max commit age 30, max trans age 30
[ 74.851103] ReiserFS: hda2: checking transaction log (hda2)
[ 114.779022] ReiserFS: hda2: replayed 1435 transactions in 39 seconds
[ 114.826881] ReiserFS: hda2: Using r5 hash to sort names
[ 124.347318] PCI: Enabling device 0000:00:08.0 (0000 -> 0001)
[ 124.347742] ALi_M1535: initialized. timeout=60 sec (nowayout=0)
[ 125.150126] Linux agpgart interface v0.102
[ 125.781458] agpgart: Detected ALi M1644 chipset
[ 125.812519] agpgart: AGP aperture is 64M @ 0xf0000000
[ 125.814846] Yenta: CardBus bridge found at 0000:00:10.0 [12a3:ab01]
[ 125.814914] Yenta: Using CSCINT to route CSC interrupts to PCI
[ 125.814922] Yenta: Routing CardBus interrupts to PCI
[ 125.814936] Yenta TI: socket 0000:00:10.0, mfunc 0x01000002, devctl 0x60
[ 125.822820] usbcore: registered new interface driver usbfs
[ 125.823149] usbcore: registered new interface driver hub
[ 125.827226] hdc: ATAPI 24X DVD-ROM drive, 128kB Cache, UDMA(33)
[ 125.827257] Uniform CD-ROM driver Revision: 3.20
[ 125.850027] usbcore: registered new device driver usb
[ 126.019758] ohci_hcd: 2006 August 04 USB 1.1 'Open' Host Controller (OHCI) Driver
[ 126.035809] Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing enabled
[ 126.045775] Yenta: ISA IRQ mask 0x0000, PCI irq 11
[ 126.045792] Socket status: 30000059
[ 126.050930] Yenta: CardBus bridge found at 0000:00:11.0 [1179:0001]
[ 126.107096] serial 00:09: activated
[ 126.175701] Yenta: ISA IRQ mask 0x0498, PCI irq 11
[ 126.175720] Socket status: 30000007
[ 126.186038] Yenta: CardBus bridge found at 0000:00:11.1 [1179:0001]
[ 126.312445] Yenta: ISA IRQ mask 0x04b8, PCI irq 11
[ 126.312463] Socket status: 30000087
[ 126.327584] ACPI: PCI Interrupt Link [LNKG] enabled at IRQ 11
[ 126.327608] ACPI: PCI Interrupt 0000:00:02.0[A] -> Link [LNKG] -> GSI 11 (level, low) -> IRQ 11
[ 126.327674] ohci_hcd 0000:00:02.0: OHCI Host Controller
[ 126.338590] ohci_hcd 0000:00:02.0: new USB bus registered, assigned bus number 1
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 126.338701] ohci_hcd 0000:00:02.0: irq 11, io mem 0xf7eff000
[ 126.395443] usb usb1: configuration #1 chosen from 1 choice
[ 126.395808] hub 1-0:1.0: USB hub found
[ 126.395940] hub 1-0:1.0: 3 ports detected
[ 126.681594] pccard: PCMCIA card inserted into slot 0
[ 127.264692] NET: Registered protocol family 23
[ 127.415335] Detected unconfigured Toshiba laptop with ALi ISA bridge SMSC IrDA chip, pre-configuring device.
[ 127.415376] Activated ALi 1533 ISA bridge port 0x02e8.
[ 127.415391] Activated ALi 1533 ISA bridge port 0x02f8.
[ 127.415602] found SMC SuperIO Chip (devid=0x5a rev=00 base=0x002e): LPC47N227
[ 127.415616] smsc_superio_flat(): IrDA not enabled
[ 127.415644] smsc_superio_flat(): fir: 0x2f8, sir: 0x2e8, dma: 03, irq: 7, mode: 0x02
[ 127.415681] SMsC IrDA Controller found
[ 127.415684] IrCC version 2.0, firport 0x2f8, sirport 0x2e8 dma=3, irq=7
[ 127.415897] No transceiver found. Defaulting to Fast pin select
[ 127.417800] IrDA: Registered device irda0
[ 127.617781] ACPI: PCI Interrupt Link [LNKH] enabled at IRQ 11
[ 127.617804] ACPI: PCI Interrupt 0000:00:06.0[A] -> Link [LNKH] -> GSI 11 (level, low) -> IRQ 11
[ 131.120690] cs: IO port probe 0x100-0x3af: excluding 0x200-0x207 0x220-0x22f 0x330-0x337 0x388-0x38f
[ 131.124686] cs: IO port probe 0x100-0x3af: excluding 0x200-0x207 0x220-0x22f 0x330-0x337 0x388-0x38f
[ 131.128564] cs: IO port probe 0x100-0x3af: excluding 0x200-0x207 0x220-0x22f 0x330-0x337 0x388-0x38f
[ 131.131947] cs: IO port probe 0x3e0-0x4ff: excluding 0x408-0x40f 0x480-0x48f 0x4d0-0x4d7
[ 131.133448] cs: IO port probe 0x820-0x8ff: clean.
[ 131.134822] cs: IO port probe 0xc00-0xcf7: clean.
[ 131.137233] cs: IO port probe 0x3e0-0x4ff: excluding 0x408-0x40f 0x480-0x48f 0x4d0-0x4d7
[ 131.138730] cs: IO port probe 0x820-0x8ff: clean.
[ 131.140050] cs: IO port probe 0xc00-0xcf7: clean.
[ 131.141613] cs: IO port probe 0x3e0-0x4ff: excluding 0x408-0x40f 0x480-0x48f 0x4d0-0x4d7
[ 131.143114] cs: IO port probe 0x820-0x8ff: clean.
[ 131.144498] cs: IO port probe 0xc00-0xcf7: clean.
[ 131.148145] cs: IO port probe 0xa00-0xaff: clean.
[ 131.150663] cs: IO port probe 0xa00-0xaff: clean.
[ 131.152294] cs: memory probe 0xa0000000-0xa0ffffff: clean.
[ 131.164365] cs: IO port probe 0xa00-0xaff: clean.
[ 131.167010] pcmcia: registering new device pcmcia0.0
[ 131.679901] wlags49_h1_cs v7.18 for PCMCIA, 03/31/2004 14:31:00 by Agere Systems,
http://www.agere.com
[ 131.679927] *** Modified for kernel 2.6 by Andrey Borzenkov <arvidjaar@xxxxxxx> $Revision: 39 $
[ 131.679936] *** Station Mode (STA) Support: YES
[ 131.679941] *** Access Point Mode (AP) Support: YES
[ 132.410786] eth1: PRI 31 variant 2 version 9.48
[ 132.410855] eth1: NIC 5 variant 2 version 1.02
[ 132.443109] eth1: Wireless, io_addr 0x100, irq 11, mac_address 00:02:2D:26:95:6C
[ 133.470603] Toshiba System Management Mode driver v1.11 26/9/2001
[ 133.555684] Non-volatile memory driver v1.2
[ 133.764780] input: ImPS/2 Generic Wheel Mouse as /devices/platform/i8042/serio1/input/input1
[ 134.563649] ACPI: AC Adapter [ADP1] (on-line)
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 134.605504] ACPI: Battery Slot [BAT1] (battery present)
[ 134.606157] ACPI: Battery Slot [BAT2] (battery absent)
[ 134.653633] input: Power Button (FF) as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input2
[ 134.682903] ACPI: Power Button (FF) [PWRF]
[ 134.683438] input: Lid Switch as /devices/LNXSYSTM:00/device:00/PNP0C0D:00/input/input3
[ 134.696674] ACPI: Lid Switch [LID]
[ 134.737572] ACPI: Fan [FAN] (off)
[ 134.911281] ACPI: CPU0 (power states: C1[C1] C2[C2])
[ 134.963997] ACPI: Thermal Zone [THRM] (44 C)
[ 135.185527] toshiba_acpi: Toshiba Laptop ACPI Extras version 0.18
[ 135.185546] toshiba_acpi: HCI method: \_SB_.VALD.GHCI
[ 135.263702] input: Video Bus as /devices/virtual/input/input4
[ 135.302665] ACPI: Video Device [VGA] (multi-head: yes rom: yes post: no)
[ 135.732723] Marking TSC unstable due to: TSC halts in idle.
[ 135.791836] device-mapper: uevent: version 1.0.3
[ 135.792271] device-mapper: ioctl: 4.12.0-ioctl (2007-10-02) initialised: dm-devel@xxxxxxxxxxx
[ 136.160257] loop: module loaded
[ 137.980925] ReiserFS: hda2: Removing [21277 1340280 0x0 SD]..done
[ 137.981559] ReiserFS: hda2: Removing [671391 1340273 0x0 SD]..done
[ 137.981983] ReiserFS: hda2: Removing [21277 1340264 0x0 SD]..done
[ 137.982099] ReiserFS: hda2: Removing [671391 1340258 0x0 SD]..done
[ 137.982289] ReiserFS: hda2: Removing [671391 1340227 0x0 SD]..done
[ 137.982504] ReiserFS: hda2: Removing [671391 1340226 0x0 SD]..done
[ 137.982674] ReiserFS: hda2: Removing [671391 1340224 0x0 SD]..done
[ 137.982845] ReiserFS: hda2: Removing [671391 1340219 0x0 SD]..done
[ 137.983015] ReiserFS: hda2: Removing [671391 1336209 0x0 SD]..done
[ 137.983186] ReiserFS: hda2: Removing [19391 448635 0x0 SD]..done
[ 137.983746] ReiserFS: hda2: There were 10 uncompleted unlinks/truncates. Completed
[ 138.596468] Adding 500432k swap on /dev/hda1. Priority:-1 extents:1 across:500432k
[ 146.103336] IrCOMM protocol (Dag Brattli)
[ 147.430553] PPP generic driver version 2.4.2
[ 153.949864] Bluetooth: Core ver 2.11
[ 153.950369] NET: Registered protocol family 31
[ 153.950377] Bluetooth: HCI device and connection manager initialized
[ 153.950747] Bluetooth: HCI socket layer initialized
[ 154.597905] Bluetooth: L2CAP ver 2.9
[ 154.597942] Bluetooth: L2CAP socket layer initialized
[ 155.200108] Bluetooth: RFCOMM socket layer initialized
[ 155.201359] Bluetooth: RFCOMM TTY layer initialized
[ 155.201378] Bluetooth: RFCOMM ver 1.8
[ 155.767149] NET: Registered protocol family 17
[ 158.801282] eth1: PRI 31 variant 2 version 9.48
[ 158.801374] eth1: NIC 5 variant 2 version 1.02
[ 159.944985] eth1: PRI 31 variant 2 version 9.48
[ 159.945063] eth1: NIC 5 variant 2 version 1.02
[ 160.247216] eth1: PRI 31 variant 2 version 9.48
[ 160.247302] eth1: NIC 5 variant 2 version 1.02
[ 1285.626257] swsusp: Marking nosave pages: 000000000009f000 - 0000000000100000
[ 1285.626532] swsusp: Basic memory bitmaps created
[ 1285.626661] Syncing filesystems ... done.
[ 1285.639248] Freezing user space processes ... (elapsed 0.00 seconds) done.
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 1285.645720] Freezing remaining freezable tasks ... (elapsed 0.00 seconds) done.
[ 1285.646465] Shrinking memory... -\|/-\ done (62312 pages freed)
[ 1286.879604] Freed 249248 kbytes in 2.18 seconds (114.33 MB/s)
[ 1286.879767] Suspending console(s)
[ 1287.672127] serial 00:09: disabled
[ 1287.675957] ACPI: PCI interrupt for device 0000:00:0a.0 disabled
[ 1287.675977] Trying to free already-free IRQ 11
[ 1287.678607] ACPI: PCI interrupt for device 0000:00:06.0 disabled
[ 1287.679443] ACPI: PCI interrupt for device 0000:00:02.0 disabled
[ 1287.682301] swsusp: critical section:
[ 1287.749809] swsusp: Need to copy 55049 pages
[ 74.074852] evxfevnt-0079 [00] enable : System is already in ACPI mode
[ 74.082457] evxfevnt-0079 [00] enable : System is already in ACPI mode
[ 74.090445] PCI: Setting latency timer of device 0000:00:01.0 to 64
[ 74.090737] ACPI: PCI Interrupt 0000:00:02.0[A] -> Link [LNKG] -> GSI 11 (level, low) -> IRQ 11
[ 74.090967] ACPI: Unable to derive IRQ for device 0000:00:04.0
[ 74.090974] ACPI: PCI Interrupt 0000:00:04.0[A]: no GSI
[ 74.091331] PM: Writing back config space on device 0000:00:06.0 at offset 1 (was c2900007, writing
c2900003)
[ 74.091388] ACPI: PCI Interrupt 0000:00:06.0[A] -> Link [LNKH] -> GSI 11 (level, low) -> IRQ 11
[ 74.098386] PCI: Enabling device 0000:00:08.0 (0000 -> 0001)
[ 74.098595] PM: Writing back config space on device 0000:00:0a.0 at offset f (was 38080100, writing
3808010b)
[ 74.098639] PM: Writing back config space on device 0000:00:0a.0 at offset 6 (was 0, writing f7d00000)
[ 74.098655] PM: Writing back config space on device 0000:00:0a.0 at offset 5 (was 1, writing eb41)
[ 74.098671] PM: Writing back config space on device 0000:00:0a.0 at offset 4 (was 0, writing f7efd000)
[ 74.098686] PM: Writing back config space on device 0000:00:0a.0 at offset 3 (was 0, writing 4008)
[ 74.098704] PM: Writing back config space on device 0000:00:0a.0 at offset 1 (was 2900000, writing
2900007)
[ 74.098791] PM: Writing back config space on device 0000:00:10.0 at offset f (was 34001ff, writing
5c001ff)
[ 74.098842] PM: Writing back config space on device 0000:00:10.0 at offset 4 (was 48101000, writing
48000000)
[ 74.098858] PM: Writing back config space on device 0000:00:10.0 at offset 3 (was 24008, writing 2a808)
[ 74.107975] PM: Writing back config space on device 0000:00:11.0 at offset f (was 10001ff, writing
58001ff)
[ 74.108032] PM: Writing back config space on device 0000:00:11.0 at offset 4 (was 48102000, writing
48001000)
[ 74.108048] PM: Writing back config space on device 0000:00:11.0 at offset 3 (was 824000, writing 82a800)
[ 74.109100] PM: Writing back config space on device 0000:00:11.1 at offset f (was 10002ff, writing
58002ff)
[ 74.109153] PM: Writing back config space on device 0000:00:11.1 at offset 4 (was 48103000, writing
48002000)
[ 74.109170] PM: Writing back config space on device 0000:00:11.1 at offset 3 (was 824000, writing 82a800)
[ 74.110319] i8042 kbd 00:05: activation failed
[ 74.110371] i8042 aux 00:06: activation failed
[ 74.119889] serial 00:09: activated
[ 74.165992] hda: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[ 74.166428] hda: UDMA 2 mode selected
[ 75.469631] hdc: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[ 75.469739] hdc: UDMA 2 mode selected
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 75.474415] usb usb1: root hub lost power or was reset
[ 75.959723] eth1: PRI 31 variant 2 version 9.48
[ 75.959784] eth1: NIC 5 variant 2 version 1.02
[ 76.073373] Restarting tasks ... done.
[ 76.117961] swsusp: Basic memory bitmaps freed
[ 76.172914] toshiba_acpi: Re-enabled hotkeys
[ 83.243145] eth1: PRI 31 variant 2 version 9.48
[ 83.243236] eth1: NIC 5 variant 2 version 1.02
[ 83.582774] eth1: PRI 31 variant 2 version 9.48
[ 83.582862] eth1: NIC 5 variant 2 version 1.02
[ 83.802370] eth1: PRI 31 variant 2 version 9.48
[ 83.802457] eth1: NIC 5 variant 2 version 1.02
[ 247.921616] swsusp: Marking nosave pages: 000000000009f000 - 0000000000100000
[ 247.921896] swsusp: Basic memory bitmaps created
[ 247.922025] Syncing filesystems ... done.
[ 247.934077] Freezing user space processes ... (elapsed 0.00 seconds) done.
[ 247.940444] Freezing remaining freezable tasks ... (elapsed 0.00 seconds) done.
[ 247.941093] Shrinking memory... - \| done (23819 pages freed)
[ 248.694352] Freed 95276 kbytes in 1.61 seconds (59.17 MB/s)
[ 248.694580] Suspending console(s)
[ 249.466308] serial 00:09: disabled
[ 249.469926] Trying to free already-free IRQ 11
[ 249.471729] ACPI: PCI interrupt for device 0000:00:06.0 disabled
[ 249.472450] ACPI: PCI interrupt for device 0000:00:02.0 disabled
[ 249.475238] swsusp: critical section:
[ 249.542538] swsusp: Need to copy 52920 pages
[ 73.199821] evxfevnt-0079 [00] enable : System is already in ACPI mode
[ 73.207003] evxfevnt-0079 [00] enable : System is already in ACPI mode
[ 73.216701] PCI: Setting latency timer of device 0000:00:01.0 to 64
[ 73.216993] ACPI: PCI Interrupt 0000:00:02.0[A] -> Link [LNKG] -> GSI 11 (level, low) -> IRQ 11
[ 73.217225] ACPI: Unable to derive IRQ for device 0000:00:04.0
[ 73.217233] ACPI: PCI Interrupt 0000:00:04.0[A]: no GSI
[ 73.217763] PM: Writing back config space on device 0000:00:06.0 at offset 1 (was c2900007, writing c2900003)
[ 73.217821] ACPI: PCI Interrupt 0000:00:06.0[A] -> Link [LNKH] -> GSI 11 (level, low) -> IRQ 11
[ 73.230298] PCI: Enabling device 0000:00:08.0 (0000 -> 0001)
[ 73.230545] PM: Writing back config space on device 0000:00:0a.0 at offset f (was 38080100, writing 3808010b)
[ 73.230590] PM: Writing back config space on device 0000:00:0a.0 at offset 6 (was 0, writing f7d00000)
[ 73.230605] PM: Writing back config space on device 0000:00:0a.0 at offset 5 (was 1, writing eb41)
[ 73.230621] PM: Writing back config space on device 0000:00:0a.0 at offset 4 (was 0, writing f7efd000)
[ 73.230636] PM: Writing back config space on device 0000:00:0a.0 at offset 3 (was 0, writing 4008)
[ 73.230655] PM: Writing back config space on device 0000:00:0a.0 at offset 1 (was 2900000, writing 2900007)
[ 73.230742] PM: Writing back config space on device 0000:00:10.0 at offset f (was 34001ff, writing 5c001ff)
[ 73.230794] PM: Writing back config space on device 0000:00:10.0 at offset 4 (was 48101000, writing 48000000)
[ 73.230810] PM: Writing back config space on device 0000:00:10.0 at offset 3 (was 24008, writing 2a808)
[ 73.239902] PM: Writing back config space on device 0000:00:11.0 at offset f (was 10001ff, writing 58001ff)
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

[73.239959] PM: Writing back config space on device 0000:00:11.0 at offset 4 (was 48102000, writing 48001000)
[73.239976] PM: Writing back config space on device 0000:00:11.0 at offset 3 (was 824000, writing 82a800)
[73.240885] PM: Writing back config space on device 0000:00:11.1 at offset f (was 10002ff, writing 58002ff)
[73.240939] PM: Writing back config space on device 0000:00:11.1 at offset 4 (was 48103000, writing 48002000)
[73.240955] PM: Writing back config space on device 0000:00:11.1 at offset 3 (was 824000, writing 82a800)
[73.242132] i8042 kbd 00:05: activation failed
[73.242183] i8042 aux 00:06: activation failed
[73.251688] serial 00:09: activated
[73.297820] hda: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[73.298265] hda: UDMA 2 mode selected
[74.601529] hdc: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[74.601643] hdc: UDMA 2 mode selected
[74.606100] usb usb1: root hub lost power or was reset
[75.091470] eth1: PRI 31 variant 2 version 9.48
[75.091529] eth1: NIC 5 variant 2 version 1.02
[75.200541] Restarting tasks ... done.
[75.248705] swsusp: Basic memory bitmaps freed
[75.305131] toshiba_acpi: Re-enabled hotkeys
[81.841077] eth1: PRI 31 variant 2 version 9.48
[81.841167] eth1: NIC 5 variant 2 version 1.02
[82.190235] eth1: PRI 31 variant 2 version 9.48
[82.190316] eth1: NIC 5 variant 2 version 1.02
[82.425758] eth1: PRI 31 variant 2 version 9.48
[82.425849] eth1: NIC 5 variant 2 version 1.02
[1153.719591] Syncing filesystems ... done.
[1153.744274] Freezing user space processes ... (elapsed 0.48 seconds) done.
[1154.229700] Freezing remaining freezable tasks ... (elapsed 0.00 seconds) done.
[1154.230394] Suspending console(s)
[1155.022732] serial 00:09: disabled
[1155.026329] Trying to free already-free IRQ 11
[1155.028108] ACPI: PCI interrupt for device 0000:00:06.0 disabled
[1155.028823] ACPI: PCI interrupt for device 0000:00:02.0 disabled
[1155.031918] hwsleep-0317 [00] enter_sleep_state : Entering sleep state [S3]
[1.036151] Back to C!
[1.056122] PCI: Setting latency timer of device 0000:00:01.0 to 64
[1.056799] ACPI: PCI Interrupt 0000:00:02.0[A] -> Link [LNKG] -> GSI 11 (level, low) -> IRQ 11
[1.056846] PM: Writing back config space on device 0000:00:02.0 at offset f (was 500001ff, writing 5000010b)
[1.057047] ACPI: Unable to derive IRQ for device 0000:00:04.0
[1.057054] ACPI: PCI Interrupt 0000:00:04.0[A]: no GSI
[1.057519] PM: Writing back config space on device 0000:00:06.0 at offset f (was 180201ff, writing 1802010b)
[1.057580] PM: Writing back config space on device 0000:00:06.0 at offset 1 (was 2900003, writing c2900003)
[1.057634] ACPI: PCI Interrupt 0000:00:06.0[A] -> Link [LNKH] -> GSI 11 (level, low) -> IRQ 11
[1.066826] PCI: Enabling device 0000:00:08.0 (0000 -> 0001)
[1.067196] PM: Writing back config space on device 0000:00:0a.0 at offset f (was 380801ff, writing 3808010b)

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 1.067363] PM: Writing back config space on device 0000:00:10.0 at offset 6 (was 50200, writing b0050200)
[ 1.098450] PM: Writing back config space on device 0000:00:12.0 at offset f (was 1ff, writing 10b)
[ 1.098556] PM: Writing back config space on device 0000:01:00.0 at offset f (was 1ff, writing 10b)
[ 1.098734] i8042 kbd 00:05: activation failed
[ 1.098784] i8042 aux 00:06: activation failed
[ 1.108267] serial 00:09: activated
[ 1.627444] hda: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[ 1.636972] hda: UDMA 2 mode selected
[ 1.646793] hdc: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[ 1.677965] hdc: UDMA 2 mode selected
[ 1.680982] usb usb1: root hub lost power or was reset
[ 2.166441] eth1: PRI 31 variant 2 version 9.48
[ 2.166501] eth1: NIC 5 variant 2 version 1.02
[ 2.171800] Restarting tasks ... done.
[ 7.929022] eth1: PRI 31 variant 2 version 9.48
[ 7.929114] eth1: NIC 5 variant 2 version 1.02
[ 8.208428] eth1: PRI 31 variant 2 version 9.48
[ 8.208516] eth1: NIC 5 variant 2 version 1.02
[ 8.447269] eth1: PRI 31 variant 2 version 9.48
[ 8.447360] eth1: NIC 5 variant 2 version 1.02
[ 2350.172266] Syncing filesystems ... done.
[ 2350.184788] Freezing user space processes ... (elapsed 0.10 seconds) done.
[ 2350.291579] Freezing remaining freezable tasks ... (elapsed 0.00 seconds) done.
[ 2350.292207] Suspending console(s)
[ 2351.089368] serial 00:09: disabled
[ 2351.092976] Trying to free already-free IRQ 11
[ 2351.094756] ACPI: PCI interrupt for device 0000:00:06.0 disabled
[ 2351.095476] ACPI: PCI interrupt for device 0000:00:02.0 disabled
[ 2351.098537] hwsleep-0317 [00] enter_sleep_state : Entering sleep state [S3]
[ 0.933942] Back to C!
[ 0.951642] PCI: Setting latency timer of device 0000:00:01.0 to 64
[ 0.952117] ACPI: PCI Interrupt 0000:00:02.0[A] -> Link [LNKG] -> GSI 11 (level, low) -> IRQ 11
[ 0.952164] PM: Writing back config space on device 0000:00:02.0 at offset f (was 500001ff, writing 5000010b)
[ 0.952366] ACPI: Unable to derive IRQ for device 0000:00:04.0
[ 0.952374] ACPI: PCI Interrupt 0000:00:04.0[A]: no GSI
[ 0.953036] PM: Writing back config space on device 0000:00:06.0 at offset f (was 180201ff, writing 1802010b)
[ 0.953139] ACPI: PCI Interrupt 0000:00:06.0[A] -> Link [LNKH] -> GSI 11 (level, low) -> IRQ 11
[ 0.962101] PCI: Enabling device 0000:00:08.0 (0000 -> 0001)
[ 0.962283] PM: Writing back config space on device 0000:00:0a.0 at offset f (was 380801ff, writing 3808010b)
[ 0.962450] PM: Writing back config space on device 0000:00:10.0 at offset 6 (was 50200, writing b0050200)
[ 1.059836] PM: Writing back config space on device 0000:00:12.0 at offset f (was 1ff, writing 10b)
[ 1.059942] PM: Writing back config space on device 0000:01:00.0 at offset f (was 1ff, writing 10b)
[ 1.060121] i8042 kbd 00:05: activation failed
[ 1.060170] i8042 aux 00:06: activation failed
[ 1.073993] serial 00:09: activated
[ 1.346131] hda: host max PIO5 wanted PIO255(auto-tune) selected PIO4
[ 1.355276] hda: UDMA 2 mode selected
[ 1.365868] hdc: host max PIO5 wanted PIO255(auto-tune) selected PIO4
```

2.6.24: Serial disabled in BIOS but serial modules still loaded (probably PnP related)

```
[ 1.406986] hdc: UDMA 2 mode selected
[ 1.410005] usb usb1: root hub lost power or was reset
[ 1.898840] eth1: PRI 31 variant 2 version 9.48
[ 1.898901] eth1: NIC 5 variant 2 version 1.02
[ 1.906448] Restarting tasks ... done.
[ 6.768919] eth1: PRI 31 variant 2 version 9.48
[ 6.769007] eth1: NIC 5 variant 2 version 1.02
[ 7.191614] eth1: PRI 31 variant 2 version 9.48
[ 7.191701] eth1: NIC 5 variant 2 version 1.02
[ 7.441187] eth1: PRI 31 variant 2 version 9.48
[ 7.441276] eth1: NIC 5 variant 2 version 1.02
```

Attachment: signature.asc

Description: This is a digitally signed message part.