

Freeze on Lid close

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2008-01/msg04786.html>

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 - *Date:* Thu, 31 Jan 2008 15:21:52 +0530
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Hi,

I'm having a laptop HP Compaq 6710b running on Fedora 8 with the latest updates. I have an issue that when I press the lid button, the Laptop get freeze and the possible way is to recover — hard power reset. I noticed that this is due to the video card driver which is Intel 965GM. I changed to some other diver vesa and it is working fine. And other thing I checked, if I shut the ACPI (acpi=off) everything is fine but I loss lots of features on my laptop.

I download the Intel drivers from the <http://intellinuxgraphics.org/download.html> and compiled it. xf86-video-intel and drm. Then it is started to work. But if I run the system-config-display and save the xorg.conf with Intel driver, it freezes again. And only recovering is re-compiling the drm and xf86-video-intel. I can't install the meas for 3D GL driver too — giving compilation issue.

Please let me know if someone has working config with Intel Mobile GM 960 driver with mesa.

Thanks in advance

—> Hirantha

lspci--

```
00:00.0 Host bridge: Intel Corporation Mobile PM965/GM965/GL960 Memory Controller Hub (rev 0c)
00:02.0 VGA compatible controller: Intel Corporation Mobile GM965/GL960 Integrated Graphics Controller (rev 0c)
00:02.1 Display controller: Intel Corporation Mobile GM965/GL960 Integrated Graphics Controller (rev 0c)
00:1a.0 USB Controller: Intel Corporation 82801H (ICH8 Family) USB UHCI Contoller #4 (rev 03)
00:1a.1 USB Controller: Intel Corporation 82801H (ICH8 Family) USB UHCI Controller #5 (rev 03)
00:1a.7 USB Controller: Intel Corporation 82801H (ICH8 Family) USB2 EHCI Controller #2 (rev 03)
00:1b.0 Audio device: Intel Corporation 82801H (ICH8 Family) HD Audio Controller (rev 03)
00:1c.0 PCI bridge: Intel Corporation 82801H (ICH8 Family) PCI Express Port 1 (rev 03)
00:1c.1 PCI bridge: Intel Corporation 82801H (ICH8 Family) PCI Express Port 2 (rev 03)
00:1c.2 PCI bridge: Intel Corporation 82801H (ICH8 Family) PCI Express Port 3 (rev 03)
00:1c.4 PCI bridge: Intel Corporation 82801H (ICH8 Family) PCI Express Port 5 (rev 03)
00:1d.0 USB Controller: Intel Corporation 82801H (ICH8 Family) USB UHCI Controller #1 (rev 03)
00:1d.1 USB Controller: Intel Corporation 82801H (ICH8 Family) USB UHCI Controller #2 (rev 03)
00:1d.2 USB Controller: Intel Corporation 82801H (ICH8 Family) USB UHCI Controller #3 (rev 03)
00:1d.7 USB Controller: Intel Corporation 82801H (ICH8 Family) USB2 EHCI Controller #1 (rev 03)
00:1e.0 PCI bridge: Intel Corporation 82801 Mobile PCI Bridge (rev f3)
00:1f.0 ISA bridge: Intel Corporation 82801HEM (ICH8M) LPC Interface Controller (rev 03)
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00:1f.1 IDE interface: Intel Corporation 82801HBM/HEM (ICH8M/ICH8M-E) IDE Controller (rev 03)
00:1f.2 SATA controller: Intel Corporation 82801HBM/HEM (ICH8M/ICH8M-E) SATA AHCI Controller (rev 03)
02:04.0 CardBus bridge: Ricoh Co Ltd RL5c476 II (rev b6)
02:04.1 FireWire (IEEE 1394): Ricoh Co Ltd R5C832 IEEE 1394 Controller (rev 02)
10:00.0 Network controller: Broadcom Corporation BCM4312 802.11a/b/g (rev 02)
18:00.0 Ethernet controller: Broadcom Corporation NetLink BCM5787M Gigabit Ethernet PCI Express (rev 02)

dmesg

Linux version 2.6.23.14-107.fc8 (mockbuild@xx) (gcc version 4.1.2 20070925 (Red Hat 4.1.2-33)) #1 SMP Mon Jan 14 21:37:30 ES

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BIOS-provided physical RAM map:

BIOS-e820: 0000000000000000 - 000000000009fc00 (usable)
BIOS-e820: 000000000009fc00 - 00000000000a0000 (reserved)
BIOS-e820: 00000000000e0000 - 0000000000100000 (reserved)
BIOS-e820: 0000000000100000 - 000000005f7b0000 (usable)
BIOS-e820: 000000005f7b0000 - 000000005f7c5400 (reserved)
BIOS-e820: 000000005f7c5400 - 000000005f7e7fb8 (ACPI NVS)
BIOS-e820: 000000005f7e7fb8 - 0000000060000000 (reserved)
BIOS-e820: 00000000fec00000 - 00000000fec01000 (reserved)
BIOS-e820: 00000000fed20000 - 00000000fed9a000 (reserved)
BIOS-e820: 00000000feda0000 - 00000000fedc0000 (reserved)
BIOS-e820: 00000000fee00000 - 00000000fee01000 (reserved)
BIOS-e820: 00000000ffb00000 - 00000000ffc00000 (reserved)
BIOS-e820: 00000000fff00000 - 0000000100000000 (reserved)

631MB HIGHMEM available.

896MB LOWMEM available.

Using x86 segment limits to approximate NX protection

Entering add_active_range(0, 0, 391088) 0 entries of 256 used

Zone PFN ranges:

DMA 0 -> 4096

Normal 4096 -> 229376

HighMem 229376 -> 391088

Movable zone start PFN for each node

early_node_map[1] active PFN ranges

0: 0 -> 391088

On node 0 totalpages: 391088

DMA zone: 32 pages used for memmap

DMA zone: 0 pages reserved

DMA zone: 4064 pages, LIFO batch:0

Normal zone: 1760 pages used for memmap

Normal zone: 223520 pages, LIFO batch:31

HighMem zone: 1263 pages used for memmap

HighMem zone: 160449 pages, LIFO batch:31

Movable zone: 0 pages used for memmap

DMI 2.4 present.

Using APIC driver default

ACPI: RSDP 000FC600, 0024 (r2 HP)

ACPI: XSDT 5F7C81C8, 007C (r1 HPQOEM SLIC-MPC 1 HP 1)

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ACPI: FACP 5F7C8084, 00F4 (r4 HP 30C0 3 HP 1)
ACPI: DSDT 5F7C84CC, 12CEE (r1 HP nc75xx 10000 MSFT 3000001)
ACPI: FACS 5F7E7D80, 0040
ACPI: SLIC 5F7C8244, 0176 (r1 HPQOEM SLIC-MPC 1 HP 1)
ACPI: HPET 5F7C83BC, 0038 (r1 HP 30C0 1 HP 1)
ACPI: APIC 5F7C83F4, 0068 (r1 HP 30C0 1 HP 1)
ACPI: MCFG 5F7C845C, 003C (r1 HP 30C0 1 HP 1)
ACPI: TCPA 5F7C8498, 0032 (r2 HP 30C0 1 HP 1)
ACPI: SSDT 5F7DB1BA, 0059 (r1 HP HPQNLP 1 MSFT 3000001)
ACPI: SSDT 5F7DB213, 0328 (r1 HP HPQSAT 1 MSFT 3000001)
ACPI: SSDT 5F7DBDC1, 025F (r1 HP Cpu0Tst 3000 INTL 20060317)
ACPI: SSDT 5F7DC020, 00A6 (r1 HP Cpu1Tst 3000 INTL 20060317)
ACPI: SSDT 5F7DC0C6, 04D7 (r1 HP CpuPm 3000 INTL 20060317)
ACPI: PM-Timer IO Port: 0x1008
ACPI: Local APIC address 0xfe00000
ACPI: LAPIC (acpi_id[0x01] lapic_id[0x00] enabled)
Processor #0 6:15 APIC version 20
ACPI: LAPIC (acpi_id[0x02] lapic_id[0x01] enabled)
Processor #1 6:15 APIC version 20
ACPI: LAPIC_NMI (acpi_id[0x01] high edge lint[0x1])
ACPI: LAPIC_NMI (acpi_id[0x02] high edge lint[0x1])
ACPI: IOAPIC (id[0x01] address[0xfec00000] gsi_base[0])
IOAPIC[0]: apic_id 1, version 32, address 0xfec00000, GSI 0-23
ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
ACPI: IRQ0 used by override.
ACPI: IRQ2 used by override.
ACPI: IRQ9 used by override.
Enabling APIC mode: Flat. Using 1 I/O APICs
ACPI: HPET id: 0x8086a201 base: 0xfed00000
Using ACPI (MADT) for SMP configuration information
Allocating PCI resources starting at 70000000 (gap: 60000000:9ec00000)
swsusp: Registered nosave memory region: 000000000009f000 - 00000000000a0000
swsusp: Registered nosave memory region: 00000000000a0000 - 00000000000e0000
swsusp: Registered nosave memory region: 00000000000e0000 - 0000000000100000
Built 1 zonelists in Zone order. Total pages: 388033
Kernel command line: ro root=LABEL=/1 rhgb quiet
mapped APIC to fffb000 (fee00000)
mapped IOAPIC to fffa000 (fec00000)
Enabling fast FPU save and restore... done.
Enabling unmasked SIMD FPU exception support... done.
Initializing CPU#0
CPU 0 irqstacks, hard=c07a8000 soft=c0788000
PID hash table entries: 4096 (order: 12, 16384 bytes)
Detected 1995.106 MHz processor.
Console: colour VGA+ 80x25
console [tty0] enabled
Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
Memory: 1542660k/1564352k available (2185k kernel code, 20480k reserved, 1116k data, 280k init, 646848k highmem)

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virtual kernel memory layout:

fixmap : 0xffc53000 – 0xfffff000 (3760 kB)

pkmap : 0xff800000 – 0xffc00000 (4096 kB)

vmalloc : 0xf8800000 – 0xff7fe000 (111 MB)

lowmem : 0xc0000000 – 0xf8000000 (896 MB)

.init : 0xc073f000 – 0xc0785000 (280 kB)

.data : 0xc062250d – 0xc0739544 (1116 kB)

.text : 0xc0400000 – 0xc062250d (2185 kB)

Checking if this processor honours the WP bit even in supervisor mode... Ok.

SLUB: Genslabs=22, HWalign=64, Order=0–1, MinObjects=4, CPUs=2, Nodes=1

hpet clockevent registered

Calibrating delay using timer specific routine.. 3993.47 BogoMIPS (lpj=1996737)

Security Framework v1.0.0 initialized

SELinux: Initializing.

SELinux: Starting in permissive mode

selinux_register_security: Registering secondary module capability

Capability LSM initialized as secondary

Mount-cache hash table entries: 512

CPU: After generic identify, caps: bfebfbff 20100000 00000000 00000000 0000e3bd 00000000 00000001 00000001

monitor/mwait feature present.

using mwait in idle threads.

CPU: L1 I cache: 32K, L1 D cache: 32K

CPU: L2 cache: 2048K

CPU: Physical Processor ID: 0

CPU: Processor Core ID: 0

CPU: After all inits, caps: bfeb3fff 20100000 00000000 00003940 0000e3bd 00000000 00000001 00000001

Intel machine check architecture supported.

Intel machine check reporting enabled on CPU#0.

Compat vDSO mapped to fffff000.

Checking 'hlt' instruction... OK.

SMP alternatives: switching to UP code

ACPI: Core revision 20070126

CPU0: Intel(R) Core(TM)2 Duo CPU T7250 @ 2.00GHz stepping 0d

SMP alternatives: switching to SMP code

Booting processor 1/1 eip 3000

CPU 1 irqstacks, hard=c07a9000 soft=c0789000

Initializing CPU#1

Calibrating delay using timer specific routine.. 3989.98 BogoMIPS (lpj=1994991)

CPU: After generic identify, caps: bfebfbff 20100000 00000000 00000000 0000e3bd 00000000 00000001 00000001

monitor/mwait feature present.

CPU: L1 I cache: 32K, L1 D cache: 32K

CPU: L2 cache: 2048K

CPU: Physical Processor ID: 0

CPU: Processor Core ID: 1

CPU: After all inits, caps: bfeb3fff 20100000 00000000 00003940 0000e3bd 00000000 00000001 00000001

Intel machine check architecture supported.

Intel machine check reporting enabled on CPU#1.

CPU1: Intel(R) Core(TM)2 Duo CPU T7250 @ 2.00GHz stepping 0d

Total of 2 processors activated (7983.45 BogoMIPS).

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ENABLING IO-APIC IRQs
..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
checking TSC synchronization [CPU#0 -> CPU#1]: passed.
Brought up 2 CPUs
sizeof(vma)=84 bytes
sizeof(page)=32 bytes
sizeof(inode)=336 bytes
sizeof(dentry)=132 bytes
sizeof(ext3inode)=488 bytes
sizeof(buffer_head)=56 bytes
sizeof(skbuff)=180 bytes
sizeof(task_struct)=1552 bytes
HP Compaq Laptop series board detected. Selecting BIOS-method for reboots.
Booting paravirtualized kernel on bare hardware
Time: 16:28:19 Date: 01/30/08
NET: Registered protocol family 16
No dock devices found.
ACPI: bus type pci registered
PCI: PCI BIOS revision 2.10 entry at 0xf0322, last bus=40
PCI: Using configuration type 1
Setting up standard PCI resources
ACPI: EC: Look up EC in DSDT
ACPI: Interpreter enabled
ACPI: (supports S0 S3 S4 S5)
ACPI: Using IOAPIC for interrupt routing
ACPI: EC: GPE = 0x16, I/O: command/status = 0x66, data = 0x62
ACPI: PCI Root Bridge [C003] (0000:00)
PCI: Transparent bridge - 0000:00:1e.0
ACPI: PCI Interrupt Routing Table [_SB_.C003._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.C003.C0B0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.C003.C11D._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.C003.C131._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.C003.C132._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.C003.C134._PRT]
ACPI: PCI Interrupt Link [C12D] (IRQs 10 11) *5
ACPI: PCI Interrupt Link [C12E] (IRQs *10 11)
ACPI: PCI Interrupt Link [C12F] (IRQs 10 *11)
ACPI: PCI Interrupt Link [C130] (IRQs 10 11) *0, disabled.
ACPI: PCI Interrupt Link [C140] (IRQs *10 11)
ACPI: PCI Interrupt Link [C141] (IRQs *10 11)
ACPI: PCI Interrupt Link [C142] (IRQs 10 11) *0, disabled.
ACPI Exception (pci_link-0184): AE_NOT_FOUND, Evaluating _PRS [20070126]
ACPI: Power Resource [C27F] (on)
ACPI: Power Resource [C29B] (on)
ACPI: Power Resource [C1C5] (off)
ACPI: Power Resource [C3B7] (off)
ACPI: Power Resource [C3B8] (off)
ACPI: Power Resource [C3B9] (off)
ACPI: Power Resource [C3BA] (off)
ACPI: Power Resource [C3BB] (off)
Linux Plug and Play Support v0.97 (c) Adam Belay
```

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pnp: PnP ACPI init
ACPI: bus type pnp registered
pnp: PnP ACPI: found 15 devices
ACPI: ACPI bus type pnp unregistered
usbcore: registered new interface driver usbfs
usbcore: registered new interface driver hub
usbcore: registered new device driver usb
PCI: Using ACPI for IRQ routing
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
NetLabel: Initializing
NetLabel: domain hash size = 128
NetLabel: protocols = UNLABELED CIPSOv4
NetLabel: unlabeled traffic allowed by default
hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
hpet0: 3 64-bit timers, 14318180 Hz
Time: tsc clocksource has been installed.
pnp: 00:00: iomem range 0x0-0x9ffff could not be reserved
pnp: 00:00: iomem range 0xe0000-0xfffff could not be reserved
pnp: 00:00: iomem range 0x100000-0x5f7ffff could not be reserved
pnp: 00:0b: iomem range 0xffb00000-0xffbfffff could not be reserved
pnp: 00:0b: iomem range 0xfff00000-0xfffffff could not be reserved
pnp: 00:0d: ioport range 0x4d0-0x4d1 has been reserved
pnp: 00:0d: ioport range 0x1000-0x107f has been reserved
pnp: 00:0d: ioport range 0x1100-0x113f has been reserved
pnp: 00:0d: ioport range 0x1200-0x121f has been reserved
pnp: 00:0d: iomem range 0xf8000000-0xfbffffff has been reserved
pnp: 00:0d: iomem range 0xfec00000-0xfec000ff could not be reserved
pnp: 00:0d: iomem range 0xfed20000-0xfed3ffff could not be reserved
pnp: 00:0d: iomem range 0xfed45000-0xfed8ffff could not be reserved
pnp: 00:0e: iomem range 0xcee00-0xcffff has been reserved
pnp: 00:0e: iomem range 0xfeda0000-0xfedbffff could not be reserved
pnp: 00:0e: iomem range 0xfe000000-0xfe00ffff could not be reserved
PCI: Bridge: 0000:00:1c.0
IO window: disabled.
MEM window: disabled.
PREFETCH window: disabled.
PCI: Bridge: 0000:00:1c.1
IO window: disabled.
MEM window: e4100000-e41fffff
PREFETCH window: disabled.
PCI: Bridge: 0000:00:1c.2
IO window: disabled.
MEM window: e4000000-e40fffff
PREFETCH window: disabled.
PCI: Bridge: 0000:00:1c.4
IO window: 2000-3fff
MEM window: e0000000-e3fffff
PREFETCH window: disabled.
PCI: Bus 3, cardbus bridge: 0000:02:04.0
IO window: 00001400-000014ff
IO window: 00001800-000018ff

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PREFETCH window: 70000000–73ffffff
MEM window: 74000000–77ffffff
PCI: Bridge: 0000:00:1e.0
IO window: disabled.
MEM window: e4200000–e45ffffff
PREFETCH window: disabled.
ACPI: PCI Interrupt 0000:00:1c.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1c.0 to 64
ACPI: PCI Interrupt 0000:00:1c.1[B] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:00:1c.1 to 64
ACPI: PCI Interrupt 0000:00:1c.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1c.2 to 64
ACPI: PCI Interrupt 0000:00:1c.4[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1c.4 to 64
PCI: Setting latency timer of device 0000:00:1e.0 to 64
ACPI: PCI Interrupt 0000:02:04.0[A] -> GSI 16 (level, low) -> IRQ 16
NET: Registered protocol family 2
IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
TCP established hash table entries: 131072 (order: 8, 1572864 bytes)
TCP bind hash table entries: 65536 (order: 7, 524288 bytes)
TCP: Hash tables configured (established 131072 bind 65536)
TCP reno registered
Switched to high resolution mode on CPU 1
checking if image is initramfs...<6>Switched to high resolution mode on CPU 0
it is
Freeing initrd memory: 2929k freed
apm: BIOS not found.
audit: initializing netlink socket (disabled)
audit(1201710499.723:1): initialized
highmem bounce pool size: 64 pages
Total HugeTLB memory allocated, 0
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
SELinux: Registering netfilter hooks
ksign: Installing public key data
Loading keyring
– Added public key 75B2EDBADB2FF0B
– User ID: Red Hat, Inc. (Kernel Module GPG key)
Block layer SCSI generic (bsg) driver version 0.4 loaded (major 253)
io scheduler noop registered
io scheduler anticipatory registered
io scheduler deadline registered
io scheduler cfq registered (default)
Boot video device is 0000:00:02.0
PCI: Setting latency timer of device 0000:00:1c.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.0:pcie00]
PCI: Setting latency timer of device 0000:00:1c.1 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.1:pcie00]
Allocate Port Service[0000:00:1c.1:pcie02]

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PCI: Setting latency timer of device 0000:00:1c.2 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.2:pcie00]
Allocate Port Service[0000:00:1c.2:pcie02]
PCI: Setting latency timer of device 0000:00:1c.4 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.4:pcie00]
Allocate Port Service[0000:00:1c.4:pcie02]
pci_hotplug: PCI Hot Plug PCI Core version: 0.5
ACPI: Transitioning device [C3BC] to D3
ACPI: Transitioning device [C3BC] to D3
ACPI: Fan [C3BC] (off)
ACPI: Transitioning device [C3BD] to D3
ACPI: Transitioning device [C3BD] to D3
ACPI: Fan [C3BD] (off)
ACPI: Transitioning device [C3BE] to D3
ACPI: Transitioning device [C3BE] to D3
ACPI: Fan [C3BE] (off)
ACPI: Transitioning device [C3BF] to D3
ACPI: Transitioning device [C3BF] to D3
ACPI: Fan [C3BF] (off)
ACPI: Transitioning device [C3C0] to D3
ACPI: Transitioning device [C3C0] to D3
ACPI: Fan [C3C0] (off)
ACPI: SSDT 5F7DB603, 027F (r1 HP Cpu0Ist 3000 INTL 20060317)
ACPI: SSDT 5F7DB907, 04BA (r1 HP Cpu0Cst 3001 INTL 20060317)
Monitor-Mwait will be used to enter C-1 state
Monitor-Mwait will be used to enter C-2 state
Monitor-Mwait will be used to enter C-3 state
ACPI: CPU0 (power states: C1[C1] C2[C2] C3[C3])
ACPI: Processor [CPU0] (supports 8 throttling states)
ACPI: SSDT 5F7DB53B, 00C8 (r1 HP Cpu1Ist 3000 INTL 20060317)
ACPI: SSDT 5F7DB882, 0085 (r1 HP Cpu1Cst 3000 INTL 20060317)
ACPI: CPU1 (power states: C1[C1] C2[C2] C3[C3])
ACPI: Processor [CPU1] (supports 8 throttling states)
ACPI: Thermal Zone [TZ0] (55 C)
ACPI: Thermal Zone [TZ1] (58 C)
ACPI: Thermal Zone [TZ3] (46 C)
ACPI: Thermal Zone [TZ4] (29 C)
ACPI: Thermal Zone [TZ5] (49 C)
isapnp: Scanning for PnP cards...
isapnp: No Plug & Play device found
Real Time Clock Driver v1.12ac
hpet_resources: 0xfed00000 is busy
Non-volatile memory driver v1.2
Linux agpgart interface v0.102
agpgart: Detected an Intel 965GM Chipset.
agpgart: Detected 7676K stolen memory.
agpgart: AGP aperture is 256M @ 0xd0000000
Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing enabled
RAMDISK driver initialized: 16 RAM disks of 16384K size 4096 blocksize

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input: Macintosh mouse button emulation as /class/input/input0
Yenta: CardBus bridge found at 0000:02:04.0 [103c:30c0]
Yenta: ISA IRQ mask 0x04b8, PCI irq 16
Socket status: 30000006
Yenta: Raising subordinate bus# of parent bus (#02) from #03 to #06
pcmcia: parent PCI bridge Memory window: 0xe4200000 – 0xe45fffff
PNP: PS/2 Controller [PNP0303:C298,PNP0f13:C299] at 0x60,0x64 irq 1,12
i8042.c: Detected active multiplexing controller, rev 1.1.
serio: i8042 KBD port at 0x60,0x64 irq 1
serio: i8042 AUX0 port at 0x60,0x64 irq 12
serio: i8042 AUX1 port at 0x60,0x64 irq 12
serio: i8042 AUX2 port at 0x60,0x64 irq 12
serio: i8042 AUX3 port at 0x60,0x64 irq 12
mice: PS/2 mouse device common for all mice
cpuidle: using governor menu
usbcore: registered new interface driver hiddev
Marking TSC unstable due to: TSC halts in idle.
usbcore: registered new interface driver usbhid
drivers/hid/usbhid/hid-core.c: v2.6:USB HID core driver
TCP cubic registered
Initializing XFRM netlink socket
NET: Registered protocol family 1
NET: Registered protocol family 17
Using IPI No-Shortcut mode
Magic number: 8:845:490
Freeing unused kernel memory: 280k freed
Write protecting the kernel read-only data: 845k
Time: hpet clocksource has been installed.
ACPI: PCI Interrupt 0000:00:1a.7[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1a.7 to 64
ehci_hcd 0000:00:1a.7: EHCI Host Controller
ehci_hcd 0000:00:1a.7: new USB bus registered, assigned bus number 1
ehci_hcd 0000:00:1a.7: debug port 1
PCI: cache line size of 32 is not supported by device 0000:00:1a.7
ehci_hcd 0000:00:1a.7: irq 18, io mem 0xe4800000
ehci_hcd 0000:00:1a.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb1: configuration #1 chosen from 1 choice
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 4 ports detected
ACPI: PCI Interrupt 0000:00:1d.7[A] -> GSI 20 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: EHCI Host Controller
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 2
ehci_hcd 0000:00:1d.7: debug port 1
PCI: cache line size of 32 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: irq 19, io mem 0xe4808000
ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb2: configuration #1 chosen from 1 choice
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 6 ports detected
ohci_hcd: 2006 August 04 USB 1.1 'Open' Host Controller (OHCI) Driver

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USB Universal Host Controller Interface driver v3.0
ACPI: PCI Interrupt 0000:00:1a.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1a.0 to 64
uhci_hcd 0000:00:1a.0: UHCI Host Controller
uhci_hcd 0000:00:1a.0: new USB bus registered, assigned bus number 3
uhci_hcd 0000:00:1a.0: irq 16, io base 0x00004020
usb usb3: configuration #1 chosen from 1 choice
hub 3-0:1.0: USB hub found
hub 3-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1a.1[B] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:00:1a.1 to 64
uhci_hcd 0000:00:1a.1: UHCI Host Controller
uhci_hcd 0000:00:1a.1: new USB bus registered, assigned bus number 4
uhci_hcd 0000:00:1a.1: irq 17, io base 0x00004040
usb usb4: configuration #1 chosen from 1 choice
hub 4-0:1.0: USB hub found
hub 4-0:1.0: 2 ports detected
Synaptics Touchpad, model: 1, fw: 6.2, id: 0x2580b1, caps: 0xa04793/0x300000
serio: Synaptics pass-through port at isa0060/serio4/input0
input: SynPS/2 Synaptics TouchPad as /class/input/input1
input: AT Translated Set 2 keyboard as /class/input/input2
ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 20 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1d.0 to 64
uhci_hcd 0000:00:1d.0: UHCI Host Controller
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 5
uhci_hcd 0000:00:1d.0: irq 19, io base 0x00004060
usb usb5: configuration #1 chosen from 1 choice
hub 5-0:1.0: USB hub found
hub 5-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 21 (level, low) -> IRQ 20
PCI: Setting latency timer of device 0000:00:1d.1 to 64
uhci_hcd 0000:00:1d.1: UHCI Host Controller
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 6
uhci_hcd 0000:00:1d.1: irq 20, io base 0x00004080
usb usb6: configuration #1 chosen from 1 choice
hub 6-0:1.0: USB hub found
hub 6-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1d.2 to 64
uhci_hcd 0000:00:1d.2: UHCI Host Controller
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 7
uhci_hcd 0000:00:1d.2: irq 18, io base 0x000040a0
usb usb7: configuration #1 chosen from 1 choice
hub 7-0:1.0: USB hub found
hub 7-0:1.0: 2 ports detected
SCSI subsystem initialized
libata version 2.21 loaded.
ahci 0000:00:1f.2: version 2.3
ACPI: PCI Interrupt 0000:00:1f.2[B] -> GSI 17 (level, low) -> IRQ 17
ahci 0000:00:1f.2: nr_ports (3) and implemented port map (0x1) don't match
usb 5-1: new low speed USB device using uhci_hcd and address 2

Freeze on Lid close

```
usb 5-1: configuration #1 chosen from 1 choice
input: Logitech Logitech USB Optical Mouse as /class/input/input3
input: USB HID v1.11 Mouse [Logitech Logitech USB Optical Mouse] on usb-0000:00:1d.0-1
usb 5-2: new full speed USB device using uhci_hcd and address 3
usb 5-2: configuration #1 chosen from 1 choice
ahci 0000:00:1f.2: AHCI 0001.0100 32 slots 3 ports 3 Gbps 0x1 impl SATA mode
ahci 0000:00:1f.2: flags: 64bit ncq sntf stag pm led clo pio slum part
PCI: Setting latency timer of device 0000:00:1f.2 to 64
scsi0 : ahci
ata1: SATA max UDMA/133 cmd 0xf886e100 ctl 0x00000000 bmdma 0x00000000 irq 219
ata1: SATA link up 1.5 Gbps (SStatus 113 SControl 300)
ata1.00: ATA-7: Hitachi HTS541612J9SA00, SBD0C7BP, max UDMA/100
ata1.00: 234441648 sectors, multi 16: LBA48
ata1.00: configured for UDMA/100
scsi 0:0:0:0: Direct-Access ATA Hitachi HTS54161 SBDO PQ: 0 ANSI: 5
sd 0:0:0:0: [sda] 234441648 512-byte hardware sectors (120034 MB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
sd 0:0:0:0: [sda] 234441648 512-byte hardware sectors (120034 MB)
sd 0:0:0:0: [sda] Write Protect is off
sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
sd 0:0:0:0: [sda] Attached SCSI disk
ata_piix 0000:00:1f.1: version 2.12
ACPI: PCI Interrupt 0000:00:1f.1[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1f.1 to 64
scsi1 : ata_piix
scsi2 : ata_piix
ata2: PATA max UDMA/100 cmd 0x000101f0 ctl 0x000103f6 bmdma 0x000140c0 irq 14
ata3: PATA max UDMA/100 cmd 0x00010170 ctl 0x00010376 bmdma 0x000140c8 irq 15
ata2.00: ATAPI: MATSHITADVD-RAM UJ-860H, 1.02, max MWDMA2
ata2.00: configured for MWDMA2
ata3: port disabled. ignoring.
scsi 1:0:0:0: CD-ROM MATSHITA DVD-RAM UJ-860H 1.02 PQ: 0 ANSI: 5
kjournald starting. Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
SELinux: Disabled at runtime.
SELinux: Unregistering netfilter hooks
audit(1201710509.654:2): selinux=0 auid=4294967295
Clocksource tsc unstable (delta = -123452501 ns)
sd 0:0:0:0: Attached scsi generic sg0 type 0
scsi 1:0:0:0: Attached scsi generic sg1 type 5
sr0: scsi3-mmc drive: 24x/24x writer dvd-ram cd/rw xa/form2 cdda tray
Uniform CD-ROM driver Revision: 3.20
sr 1:0:0:0: Attached scsi CD-ROM sr0
cs: IO port probe 0x100-0x3af: excluding 0x378-0x37f
cs: IO port probe 0x3e0-0x4ff: clean.
cs: IO port probe 0x820-0x8ff: clean.
cs: IO port probe 0xc00-0xcf7: clean.
cs: IO port probe 0xa00-0xaff: clean.
```

Freeze on Lid close

ACPI: PCI Interrupt 0000:10:00.0[A] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:10:00.0 to 64
ssb: Sonics Silicon Backplane found on PCI device 0000:10:00.0
input: PC Speaker as /class/input/input4
tg3.c:v3.81.1 (October 18, 2007)
ACPI: PCI Interrupt 0000:18:00.0[A] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:18:00.0 to 64
parport_pc 00:02: reported by Plug and Play ACPI
parport0: PC-style at 0x378 (0x778), irq 7 [PCSPP,TRISTATE]
ACPI: AC Adapter [C239] (on-line)
input: Video Bus as /class/input/input5
ACPI: Video Device [C098] (multi-head: yes rom: no post: no)
ACPI: Battery Slot [C23B] (battery present)
ACPI: Battery Slot [C23A] (battery absent)
input: Power Button (FF) as /class/input/input6
ACPI: Power Button (FF) [PWRF]
input: Sleep Button (CM) as /class/input/input7
ACPI: Sleep Button (CM) [C2BF]
input: Lid Switch as /class/input/input8
ACPI: Lid Switch [C153]
tpm_inf_pnp 00:03: Found C280 with ID IFX0102
tpm_inf_pnp 00:03: TPM found: config base 0x560, data base 0x570, chip version 0x000b, vendor id 0x15d1 (Infineon), product id 0x000b (SLB 9635 TT 1.2)
eth0: Tigon3 [partno(none) rev b002 PHY(5787)] (PCI Express) 10/100/1000Base-T Ethernet 00:1a:4b:76:a8:c1
eth0: RXcsyms[1] LinkChgREG[0] MIirq[0] ASF[0] WireSpeed[1] TSOcap[1]
eth0: dma_rwctrl[76180000] dma_mask[64-bit]
ACPI: PCI Interrupt 0000:02:04.1[B] -> GSI 17 (level, low) -> IRQ 17
firewire_ohci: Added fw-ohci device 0000:02:04.1, OHCI version 1.10
b43-phy0: Broadcom 4311 WLAN found
b43-phy0 debug: Found PHY: Analog 4, Type 2, Revision 9
b43-phy0 debug: Found Radio: Manuf 0x17F, Version 0x2050, Revision 2
phy0: Selected rate control algorithm 'pid'
ACPI: PCI Interrupt 0000:00:1b.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1b.0 to 64
si3054: cannot initialize. EXT MID = 0000
firewire_core: created new fw device fw0 (0 config rom retries, S400)
kvm: disabled by bios
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
ACPI: PCI Interrupt 0000:00:02.0[A] -> GSI 16 (level, low) -> IRQ 16
device-mapper: ioctl: 4.11.0-ioctl (2006-10-12) initialised: dm-devel@xxxxxxxxxxx
device-mapper: multipath: version 1.0.5 loaded
EXT3 FS on sda3, internal journal
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda2, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda1, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
Adding 1052216k swap on /dev/sda5. Priority:-1 extents:1 across:1052216k

Freeze on Lid close

```
ip6_tables: (C) 2000–2006 Netfilter Core Team
Netfilter messages via NETLINK v0.30.
nf_conntrack version 0.5.0 (16384 buckets, 65536 max)
ip_tables: (C) 2000–2006 Netfilter Core Team
ADDRCONF(NETDEV_UP): eth0: link is not ready
tg3: eth0: Link is up at 100 Mbps, full duplex.
tg3: eth0: Flow control is on for TX and on for RX.
ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
audit(1201690727.849:3): audit_pid=2039 old=0 by auid=4294967295
Bluetooth: Core ver 2.11
NET: Registered protocol family 31
Bluetooth: HCI device and connection manager initialized
Bluetooth: HCI socket layer initialized
Bluetooth: L2CAP ver 2.8
Bluetooth: L2CAP socket layer initialized
Bluetooth: RFCOMM socket layer initialized
Bluetooth: RFCOMM TTY layer initialized
Bluetooth: RFCOMM ver 1.8
Bridge firewalling registered
virbr0: Dropping NETIF_F_UFO since no NETIF_F_HW_CSUM feature.
eth0: no IPv6 routers present
[drm] Initialized drm 1.1.0 20060810
[drm] Initialized i915 1.6.0 20060119 on minor 0
virbr0: no IPv6 routers present
NET: Registered protocol family 4
NET: Registered protocol family 5
cisco_ipsec: module license 'Proprietary' taints kernel.
Cisco Systems VPN Client Version 4.8.01 (0640) kernel module loaded
cipsec0: no IPv6 routers present
Cisco Systems VPN Client Version 4.8.01 (0640) kernel module loaded
cipsec0: no IPv6 routers present
cipsec0: no IPv6 routers present
IPv6 over IPv4 tunneling driver
sit0: Disabled Privacy Extensions
ADDRCONF(NETDEV_UP): eth0: link is not ready
tg3: eth0: Link is up at 100 Mbps, full duplex.
tg3: eth0: Flow control is on for TX and on for RX.
ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
eth0: no IPv6 routers present
cipsec0: no IPv6 routers present
cipsec0: no IPv6 routers present
cipsec0: no IPv6 routers present
cipsec0: no IPv6 routers present
cipsec0: no IPv6 routers present
Monitor-Mwait will be used to enter C-3 state
tg3: eth0: Link is down.
tg3: eth0: Link is up at 100 Mbps, full duplex.
tg3: eth0: Flow control is on for TX and on for RX.
tg3: eth0: Link is down.
usb 5-1: USB disconnect, address 2
```

Freeze on Lid close

Freeze on Lid close

```
ADDRCONF(NETDEV_UP): eth0: link is not ready
tg3: eth0: Link is up at 100 Mbps, full duplex.
tg3: eth0: Flow control is off for TX and off for RX.
ADDRCONF(NETDEV_CHANGE): eth0: link becomes ready
eth0: no IPv6 routers present
tg3: eth0: Link is down.
usb 5-1: new low speed USB device using uhci_hcd and address 4
usb 5-1: configuration #1 chosen from 1 choice
input: Logitech Logitech USB Optical Mouse as /class/input/input9
input: USB HID v1.11 Mouse [Logitech Logitech USB Optical Mouse] on usb-0000:00:1d.0-1
tg3: eth0: Link is up at 100 Mbps, full duplex.
tg3: eth0: Flow control is off for TX and off for RX.
```

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