Subject: Re: Anyone? I'm willing to pay a couple of Euro's!
Posted by pjdevries on Thu, 28 Dec 2006 10:19:44 GMT
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Unforntunately that kernel doesn't boot either (fails with the same message). But shouldn't I have an initrd for this kernel? My default 2.6.8 kernel has one too. And if so, can you give me some pointers how to create one? Although I ran into some examples in various places, I'm not quite sure which modules to include and how/where. The fact that modules and modules.conf appear both in /etc and in /etc/mkinitrd make matters rather confusing.

Anyway, here is the dmesg output from my Fresh Debian install:

```
D hash table entries: 4096 (order 12: 32768 bytes)
Detected 2793.719 MHz processor.
Using pmtmr for high-res timesource
Console: colour VGA+ 80x25
Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
Memory: 901692k/917504k available (1337k kernel code, 15024k reserved, 732k data, 204k init,
0k highmem)
Checking if this processor honours the WP bit even in supervisor mode... Ok.
Calibrating delay loop... 5226.49 BogoMIPS
Security Scaffold v1.0.0 initialized
Mount-cache hash table entries: 512 (order: 0, 4096 bytes)
CPU: After generic identify, caps: bfebfbff 00000000 00000000 00000000
CPU: After vendor identify, caps:  bfebfbff 00000000 00000000 00000000
monitor/mwait feature present.
using mwait in idle threads.
CPU: Trace cache: 12K uops, L1 D cache: 16K
CPU: L2 cache: 1024K
CPU: After all inits, caps:       bfebfbff 00000000 00000000 00000080
CPU: Intel(R) Pentium(R) 4 CPU 3.20GHz stepping 03
Enabling fast FPU save and restore... done.
Enabling unmasked SIMD FPU exception support... done.
Checking 'hlt' instruction... OK.
Checking for popad bug... OK.
enabled ExtINT on CPU#0
ESR value before enabling vector: 00000000
ESR value after enabling vector: 00000000
ENABLING IO-APIC IRQs
init IO_APIC IRQs
 IO-APIC (apicid-pin) 2-0, 2-16, 2-17, 2-18, 2-19, 2-20, 2-21, 2-22, 2-23 not connected.
..TIMER: vector=0x31 pin1=2 pin2=-1
Using local APIC timer interrupts.
calibrating APIC timer ...
..... CPU clock speed is 2792.0730 MHz.
..... host bus clock speed is 199.0480 MHz.
checking if image is initramfs...it isn't (ungzip failed); looks like an initrd
```

```
Freeing initrd memory: 4440k freed
NET: Registered protocol family 16
EISA bus registered
PCI: PCI BIOS revision 2.10 entry at 0xfd88e, last bus=3
PCI: Using configuration type 1
mtrr: v2.0 (20020519)
ACPI: Subsystem revision 20040326
ACPI: Interpreter enabled
ACPI: Using IOAPIC for interrupt routing
ACPI: PCI Root Bridge [PCI0] (00:00)
PCI: Probing PCI hardware (bus 00)
PCI: Ignoring BAR0-3 of IDE controller 0000:00:1f.2
PCI: Transparent bridge - 0000:00:1e.0
ACPI: PCI Interrupt Routing Table [\_SB_.PCI0._PRT]
ACPI: PCI Interrupt Routing Table [\_SB_.PCI0.CSA_._PRT]
ACPI: PCI Interrupt Routing Table [\_SB_.PCI0.AGP_._PRT]
ACPI: PCI Interrupt Routing Table [\_SB_.PCI0.PCIB._PRT]
ACPI: PCI Interrupt Link [LNKA] (IRQs 3 10 11 14 15) *5
ACPI: PCI Interrupt Link [LNKB] (IRQs 3 *10 11 14 15)
ACPI: PCI Interrupt Link [LNKC] (IRQs 3 *10 11 14 15)
ACPI: PCI Interrupt Link [LNKD] (IRQs 3 10 *11 14 15)
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 10 11 14 15) *0, disabled.
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 10 11 14 15) *0, disabled.
ACPI: PCI Interrupt Link [LNKG] (IRQs 3 10 11 14 15) *0, disabled.
ACPI: PCI Interrupt Link [LNKH] (IRQs 3 10 *11 14 15)
Linux Plug and Play Support v0.97 (c) Adam Belay
PnPBIOS: Scanning system for PnP BIOS support...
PnPBIOS: Found PnP BIOS installation structure at 0xc00f7150
PnPBIOS: PnP BIOS version 1.0, entry 0xf0000:0xbcb4, dseg 0x400
pnp: 00:09: ioport range 0xfe00-0xfe01 has been reserved
pnp: 00:0a: ioport range 0xfe10-0xfe11 has been reserved
pnp: 00:0d: ioport range 0x4d0-0x4d1 has been reserved
pnp: 00:0d: ioport range 0x1000-0x105f has been reserved
pnp: 00:0d: ioport range 0x1060-0x107f has been reserved
pnp: 00:0d: ioport range 0x1180-0x11bf has been reserved
PnPBIOS: 21 nodes reported by PnP BIOS; 21 recorded by driver
PCI: Using ACPI for IRQ routing
ACPI: PCI interrupt 0000:00:1d.0[A] -> GSI 16 (level, low) -> IRQ 169
ACPI: PCI interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 177
ACPI: PCI interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 185
ACPI: PCI interrupt 0000:00:1d.3[A] -> GSI 16 (level, low) -> IRQ 169
ACPI: PCI interrupt 0000:00:1d.7[D] -> GSI 23 (level, low) -> IRQ 193
ACPI: PCI interrupt 0000:00:1f.2[A] -> GSI 18 (level, low) -> IRQ 185
ACPI: PCI interrupt 0000:00:1f.3[B] -> GSI 17 (level, low) -> IRQ 201
ACPI: PCI interrupt 0000:02:01.0[A] -> GSI 18 (level, low) -> IRQ 185
ACPI: PCI interrupt 0000:03:00.0[A] -> GSI 16 (level, low) -> IRQ 169
ACPI: PCI interrupt 0000:03:02.0[A] -> GSI 18 (level, low) -> IRQ 185
number of MP IRQ sources: 15.
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number of IO-APIC #2 registers: 24.
testing the IO APIC.......................
IO APIC #2......
.... register #00: 02000000
.......    : physical APIC id: 02
.......    : Delivery Type: 0
.......    : LTS          : 0
.... register #01: 00178020
.......     : max redirection entries: 0017
.......     : PRQ implemented: 1
.......     : IO APIC version: 0020
.... IRQ redirection table:
 NR Log Phy Mask Trig IRR Pol Stat Dest Deli Vect:
 00 000 00  1    0    0   0   0    0    0    00
 01 001 01  0    0    0   0   0    1    1    39
 02 001 01  0    0    0   0   0    1    1    31
 03 001 01  0    0    0   0   0    1    1    41
 04 001 01  0    0    0   0   0    1    1    49
 05 001 01  0    0    0   0   0    1    1    51
 06 001 01  0    0    0   0   0    1    1    59
 07 001 01  0    0    0   0   0    1    1    61
 08 001 01  0    0    0   0   0    1    1    69
 09 001 01  0    1    0   0   0    1    1    71
 0a 001 01  0    0    0   0   0    1    1    79
 0b 001 01  0    0    0   0   0    1    1    81
 0c 001 01  0    0    0   0   0    1    1    89
 0d 001 01  0    0    0   0   0    1    1    91
 0e 001 01  0    0    0   0   0    1    1    99
 0f 001 01  0    0    0   0   0    1    1    A1
 10 001 01  1    1    0   1   0    1    1    A9
 11 001 01  1    1    0   1   0    1    1    C9
 12 001 01  1    1    0   1   0    1    1    B9
 13 001 01  1    1    0   1   0    1    1    B1
 14 000 00  1    0    0   0   0    0    0    00
 15 000 00  1    0    0   0   0    0    0    00
 16 000 00  1    0    0   0   0    0    0    00
 17 001 01  1    1    0   1   0    1    1    C1
Using vector-based indexing
IRQ to pin mappings:
IRQ0 -> 0:2
IRQ1 -> 0:1
IRQ3 -> 0:3
IRQ4 -> 0:4
IRQ5 -> 0:5
IRQ6 -> 0:6
IRQ7 -> 0:7
IRQ8 -> 0:8
IRQ9 -> 0:9
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IRQ10 -> 0:10
IRQ11 -> 0:11
IRQ12 -> 0:12
IRQ13 -> 0:13
IRQ14 -> 0:14
IRQ15 -> 0:15
IRQ169 -> 0:16
IRQ201 -> 0:17
IRQ185 -> 0:18
IRQ177 -> 0:19
IRQ193 -> 0:23
..................................... done.
Simple Boot Flag at 0x36 set to 0x1
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
devfs: 2004-01-31 Richard Gooch (rgooch@atnf.csiro.au)
devfs: boot_options: 0x0
Initializing Cryptographic API
isapnp: Scanning for PnP cards...
isapnp: No Plug & Play device found
Serial: 8250/16550 driver $Revision: 1.90 $ 54 ports, IRQ sharing enabled
ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A
RAMDISK driver initialized: 16 RAM disks of 8192K size 1024 blocksize
serio: i8042 AUX port at 0x60,0x64 irq 12
serio: i8042 KBD port at 0x60,0x64 irq 1
input: AT Translated Set 2 keyboard on isa0060/serio0
EISA: Probing bus 0 at eisa0
Cannot allocate resource for EISA slot 1
Cannot allocate resource for EISA slot 2
Cannot allocate resource for EISA slot 3
EISA: Detected 0 cards.
NET: Registered protocol family 2
IP: routing cache hash table of 8192 buckets, 64Kbytes
TCP: Hash tables configured (established 262144 bind 65536)
NET: Registered protocol family 8
NET: Registered protocol family 20
ACPI: (supports S0 S1 S4 S5)
RAMDISK: cramfs filesystem found at block 0
RAMDISK: Loading 4440 blocks [1 disk] into ram disk...  | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | /
- \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | /
- \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | /
- \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | /
- \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | / - \ | /  - \ | / - \ | / done.
VFS: Mounted root (cramfs filesystem) readonly.
Freeing unused kernel memory: 204k freed
vesafb: probe of vesafb0 failed with error -6
NET: Registered protocol family 1
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SCSI subsystem initialized
libata version 1.02 loaded.
ata_piix version 1.02
ACPI: PCI interrupt 0000:00:1f.2[A] -> GSI 18 (level, low) -> IRQ 185
PCI: Setting latency timer of device 0000:00:1f.2 to 64
ata1: SATA max UDMA/133 cmd 0x1F0 ctl 0x3F6 bmdma 0x14A0 irq 14
ata1: dev 0 cfg 49:2f00 82:346b 83:7d01 84:4023 85:3469 86:3c01 87:4023 88:207f
ata1: dev 0 ATA, max UDMA/133, 625142448 sectors: lba48
ata1: dev 0 configured for UDMA/133
scsi0 : ata_piix
Using anticipatory io scheduler
  Vendor: ATA       Model: ST3320620AS       Rev: 3.AA
  Type:   Direct-Access                      ANSI SCSI revision: 05
ata2: SATA max UDMA/133 cmd 0x170 ctl 0x376 bmdma 0x14A8 irq 15
ata2: dev 0 cfg 49:2f00 82:346b 83:7d01 84:4023 85:3469 86:3c01 87:4023 88:207f
ata2: dev 0 ATA, max UDMA/133, 781422768 sectors: lba48
ata2: dev 0 configured for UDMA/133
scsi1 : ata_piix
  Vendor: ATA       Model: ST3400832AS       Rev: 3.03
  Type:   Direct-Access                      ANSI SCSI revision: 05
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
usbcore: registered new driver usbfs
usbcore: registered new driver hub
Initializing USB Mass Storage driver...
usbcore: registered new driver usb-storage
USB Mass Storage support registered.
ACPI: Processor [CPU0] (supports C1 C3, 8 throttling states)
USB Universal Host Controller Interface driver v2.2
ACPI: PCI interrupt 0000:00:1d.0[A] -> GSI 16 (level, low) -> IRQ 169
uhci_hcd 0000:00:1d.0: Intel Corp. 82801EB/ER (ICH5/ICH5R) USB UHCI #1
PCI: Setting latency timer of device 0000:00:1d.0 to 64
uhci_hcd 0000:00:1d.0: irq 169, io base 00001400
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 1
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 2 ports detected
ACPI: PCI interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 177
uhci_hcd 0000:00:1d.1: Intel Corp. 82801EB/ER (ICH5/ICH5R) USB UHCI #2
PCI: Setting latency timer of device 0000:00:1d.1 to 64
uhci_hcd 0000:00:1d.1: irq 177, io base 00001420
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 2
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 2 ports detected
ACPI: PCI interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 185
uhci_hcd 0000:00:1d.2: Intel Corp. 82801EB/ER (ICH5/ICH5R) USB UHCI #3
PCI: Setting latency timer of device 0000:00:1d.2 to 64
uhci_hcd 0000:00:1d.2: irq 185, io base 00001440
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 3
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hub 3-0:1.0: USB hub found
hub 3-0:1.0: 2 ports detected
ACPI: PCI interrupt 0000:00:1d.3[A] -> GSI 16 (level, low) -> IRQ 169
uhci_hcd 0000:00:1d.3: Intel Corp. 82801EB/ER (ICH5/ICH5R) USB UHCI #4
PCI: Setting latency timer of device 0000:00:1d.3 to 64
uhci_hcd 0000:00:1d.3: irq 169, io base 00001460
uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 4
hub 4-0:1.0: USB hub found
hub 4-0:1.0: 2 ports detected
ACPI: PCI interrupt 0000:00:1d.7[D] -> GSI 23 (level, low) -> IRQ 193
ehci_hcd 0000:00:1d.7: Intel Corp. 82801EB/ER (ICH5/ICH5R) USB2 EHCI Controller
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: irq 193, pci mem f8823000
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 5
PCI: cache line size of 128 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: USB 2.0 enabled, EHCI 1.00, driver 2004-May-10
hub 5-0:1.0: USB hub found
hub 5-0:1.0: 8 ports detected
usbcore: registered new driver usbkbd
drivers/usb/input/usbkbd.c: :USB HID Boot Protocol keyboard driver
usbcore: registered new driver hiddev
usbcore: registered new driver usbhid
drivers/usb/input/hid-core.c: v2.0:USB HID core driver
drivers/usb/serial/usb-serial.c: USB Serial support registered for Generic
usbcore: registered new driver usbserial_generic
usbcore: registered new driver usbserial
drivers/usb/serial/usb-serial.c: USB Serial Driver core v2.0
vga16fb: initializing
vga16fb: mapped to 0xc00a0000
fb0: VGA16 VGA frame buffer device
Console: switching to colour frame buffer device 80x30
inserting floppy driver for 2.6.8-2-386
FDC 0 is a post-1991 82077
ide0: I/O resource 0x1F0-0x1F7 not free.
ide0: ports already in use, skipping probe
ide1: I/O resource 0x170-0x177 not free.
ide1: ports already in use, skipping probe
usb 5-2: new high speed USB device using address 3
scsi2 : SCSI emulation for USB Mass Storage devices
  Vendor: HL-DT-ST  Model: DVDRAM GSA-E10L   Rev: LE05
  Type:   CD-ROM                             ANSI SCSI revision: 02
USB Mass Storage device found at 3
usb 1-1: new low speed USB device using address 2
input: Logitech USB Receiver on usb-0000:00:1d.0-1
drivers/usb/input/hid-core.c: ctrl urb status -32 received
drivers/usb/input/hid-core.c: ctrl urb status -32 received
input,hiddev96: USB HID v1.10 Mouse [Logitech USB Receiver] on usb-0000:00:1d.0-1
SCSI device sda: 625142448 512-byte hdwr sectors (320073 MB)
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SCSI device sda: drive cache: write back
 /dev/scsi/host0/bus0/target0/lun0: p1 p2 p3
Attached scsi disk sda at scsi0, channel 0, id 0, lun 0
SCSI device sdb: 781422768 512-byte hdwr sectors (400088 MB)
SCSI device sdb: drive cache: write back
 /dev/scsi/host1/bus0/target0/lun0:
Attached scsi disk sdb at scsi1, channel 0, id 0, lun 0
sr0: scsi3-mmc drive: 48x/48x writer dvd-ram cd/rw xa/form2 cdda tray
Uniform CD-ROM driver Revision: 3.20
Attached scsi CD-ROM sr0 at scsi2, channel 0, id 0, lun 0
Linux Kernel Card Services
  options:  [pci] [cardbus] [pm]
e1000: Ignoring new-style parameters in presence of obsolete ones
Intel(R) PRO/1000 Network Driver - version 5.2.52-k4
Copyright (c) 1999-2004 Intel Corporation.
ACPI: PCI interrupt 0000:02:01.0[A] -> GSI 18 (level, low) -> IRQ 185
PCI: Setting latency timer of device 0000:02:01.0 to 64
e1000: eth0: e1000_probe: Intel(R) PRO/1000 Network Connection
ACPI: PCI interrupt 0000:03:02.0[A] -> GSI 18 (level, low) -> IRQ 185
e1000: eth1: e1000_probe: Intel(R) PRO/1000 Network Connection
kjournald starting.  Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
Adding 3903752k swap on /dev/sda1.  Priority:-1 extents:1
EXT3 FS on sda2, internal journal
Generic RTC Driver v1.07
Capability LSM initialized
kjournald starting.  Commit interval 5 seconds
EXT3 FS on sda3, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
Linux agpgart interface v0.100 (c) Dave Jones
agpgart: Detected an Intel i875 Chipset.
agpgart: Maximum main memory to use for agp memory: 816M
agpgart: AGP aperture is 128M @ 0x80000000
cpci_hotplug: CompactPCI Hot Plug Core version: 0.2
pci_hotplug: PCI Hot Plug PCI Core version: 0.5
pciehp: PCI Express Hot Plug Controller Driver version: 0.4
shpchp: shpc_init : shpc_cap_offset == 0
shpchp: shpc_init : shpc_cap_offset == 0
shpchp: shpc_init : shpc_cap_offset == 0
shpchp: Standard Hot Plug PCI Controller Driver version: 0.4
hw_random: RNG not detected
input: PC Speaker
mice: PS/2 mouse device common for all mice
Attached scsi generic sg0 at scsi0, channel 0, id 0, lun 0,  type 0
Attached scsi generic sg1 at scsi1, channel 0, id 0, lun 0,  type 0
Attached scsi generic sg2 at scsi2, channel 0, id 0, lun 0,  type 5
e1000: eth0: e1000_watchdog: NIC Link is Up 100 Mbps Full Duplex
NET: Registered protocol family 10
```

Disabled Privacy Extensions on device c02cc960(lo)
IPv6 over IPv4 tunneling driver
eth0: no IPv6 routers present

I'm very impressed if you can make sense out of that!!