

My mp3player(hardware) without Linux support

Source: <http://linux.derkeiler.com/Newsgroups/alt.os.linux/2003-12/1455.html>

From: Dado (dzupan_at_mail.inet.hr)

Date: 12/23/03

Date: Tue, 23 Dec 2003 17:59:48 +0100

Sybren Stüvel wrote:

> *On Thu, 18 Dec 2003 19:04:18 +0100, Mario_5 wrote:*

>

>> *The only reason why windows are still on my computer is that my
>> mp3player (MpMan F-35) don't have Linux support. If you have some
>> information please write.*

>

> *How do you know? Have you tried mounting it using the usb-storage module?*

> *At least I assume it's an USB model.*

>

> *Sybren*

>

Sorry, I couldn't answer you earlier.

My dmesg when player is connected:

```
Linux version 2.4.19-16mdk (quintela@bi.mandrakesoft.com) (gcc version 3.2  
(Mandrake Linux 9.0 3.2-1mdk)) #1 Fri Sep 20 18:15:05 CEST 2002
```

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

```
BIOS-e820: 0000000000000000 - 00000000000a0000 (usable)
```

```
BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)
```

```
BIOS-e820: 0000000000100000 - 00000000007fec000 (usable)
```

```
BIOS-e820: 00000000007fec000 - 00000000007fef000 (ACPI data)
```

```
BIOS-e820: 00000000007fef000 - 00000000007fff000 (reserved)
```

```
BIOS-e820: 00000000007fff000 - 00000000008000000 (ACPI NVS)
```

```
BIOS-e820: 00000000ffff0000 - 00000000100000000 (reserved)
```

```
127MB LOWMEM available.
```

```
Advanced speculative caching feature not present
```

```
On node 0 totalpages: 32748
```

```
zone(0): 4096 pages.
```

```
zone(1): 28652 pages.
```

```
zone(2): 0 pages.
```

```
Kernel command line: BOOT_IMAGE=linux ro root=306 devfs=mount acpi=off
```

```
Local APIC disabled by BIOS -- reenabling.
```

```
Found and enabled local APIC!
```

```
Initializing CPU#0
```

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Detected 534.559 MHz processor.
Console: colour dummy device 80x25
Calibrating delay loop... 1064.96 BogoMIPS
Memory: 127096k/130992k available (1176k kernel code, 3512k reserved, 444k data, 136k init, 0k highmem)
Dentry cache hash table entries: 16384 (order: 5, 131072 bytes)
Inode cache hash table entries: 8192 (order: 4, 65536 bytes)
Mount-cache hash table entries: 2048 (order: 2, 16384 bytes)
Buffer-cache hash table entries: 4096 (order: 2, 16384 bytes)
Page-cache hash table entries: 32768 (order: 5, 131072 bytes)
CPU: Before vendor init, caps: 0183fbff 00000000 00000000, vendor = 0
CPU: L1 I cache: 16K, L1 D cache: 16K
CPU: L2 cache: 128K
CPU: After vendor init, caps: 0183fbff 00000000 00000000 00000000
Intel machine check architecture supported.
Intel machine check reporting enabled on CPU#0.
CPU: After generic, caps: 0183fbff 00000000 00000000 00000000
CPU: Common caps: 0183fbff 00000000 00000000 00000000
CPU: Intel Celeron (Mendocino) stepping 05
Enabling fast FPU save and restore... done.
Checking 'hlt' instruction... OK.
POSIX conformance testing by UNIFIX
enabled ExtINT on CPU#0
ESR value before enabling vector: 00000000
ESR value after enabling vector: 00000000
Using local APIC timer interrupts.
calibrating APIC timer ...
..... CPU clock speed is 534.5450 MHz.
..... host bus clock speed is 66.8180 MHz.
cpu: 0, clocks: 668180, slice: 334090
CPU0<T0:668176,T1:334080,D:6,S:334090,C:668180>
mtrr: v1.40 (20010327) Richard Gooch (rgooch@atnf.csiro.au)
mtrr: detected mtrr type: Intel
PCI: PCI BIOS revision 2.10 entry at 0xf08f0, last bus=1
PCI: Using configuration type 1
PCI: Probing PCI hardware
Unknown bridge resource 0: assuming transparent
PCI: Using IRQ router VIA [1106/0686] at 00:04.0
PCI: Disabling Via external APIC routing
isapnp: Scanning for PnP cards...
isapnp: No Plug & Play device found
Linux NET4.0 for Linux 2.4
Based upon Swansea University Computer Society NET3.039
Initializing RT netlink socket
apm: BIOS version 1.2 Flags 0x03 (Driver version 1.16)
Starting kswapd
VFS: Diskquotas version dquot_6.5.0 initialized
devfs: v1.12a (20020514) Richard Gooch (rgooch@atnf.csiro.au)
devfs: boot_options: 0x1
vesafb: framebuffer at 0xf6000000, mapped to 0xc8800000, size 16384k
vesafb: mode is 800x600x16, linelength=1600, pages=3

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vesafb: protected mode interface info at c000:0336
vesafb: scrolling: redraw
vesafb: directcolor: size=0:5:6:5, shift=0:11:5:0
Looking for splash picture.... found (800x600, 30412 bytes).
Console: switching to colour frame buffer device 80x16
fb0: VESA VGA frame buffer device
Detected PS/2 Mouse Port.
pty: 256 Unix98 ptys configured
Serial driver version 5.05c (2001-07-08) with HUB-6 MANY_PORTS MULTIPORT
SHARE_IRQ SERIAL_PCI ISAPNP enabled
ttyS00 at 0x03f8 (irq = 4) is a 16550A
ttyS01 at 0x02f8 (irq = 3) is a 16550A
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
VP_IDE: IDE controller on PCI bus 00 dev 21
VP_IDE: chipset revision 16
VP_IDE: not 100% native mode: will probe irqs later
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
VP_IDE: VIA vt82c686a (rev 22) IDE UDMA66 controller on pci00:04.1
  ide0: BM-DMA at 0xd800-0xd807, BIOS settings: hda:DMA, hdb:DMA
  ide1: BM-DMA at 0xd808-0xd80f, BIOS settings: hdc:pio, hdd:pio
hda: WDC WD153AA, ATA DISK drive
hdb: ATAPI CDROM 52X, ATAPI CD/DVD-ROM drive
ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
hda: 30064608 sectors (15393 MB) w/2048KiB Cache, CHS=1871/255/63, UDMA(33)
Partition check:
  /dev/ide/host0/bus0/target0/lun0: p1 p2 < p5 p6 >
RAMDISK driver initialized: 16 RAM disks of 32000K size 1024 blocksize
md: md driver 0.90.0 MAX_MD_DEVS=256, MD_SB_DISKS=27
md: Autodetecting RAID arrays.
md: autorun ...
md: ... autorun DONE.
NET4: Linux TCP/IP 1.0 for NET4.0
IP Protocols: ICMP, UDP, TCP, IGMP
IP: routing cache hash table of 512 buckets, 4Kbytes
TCP: Hash tables configured (established 8192 bind 16384)
Linux IP multicast router 0.06 plus PIM-SM
NET4: Unix domain sockets 1.0/SMP for Linux NET4.0.
RAMDISK: Compressed image found at block 0
Freeing initrd memory: 51k freed
EXT2-fs warning: checktime reached, running e2fsck is recommended
VFS: Mounted root (ext2 filesystem).
Mounted devfs on /dev
Mounted devfs on /dev
Freeing unused kernel memory: 136k freed
Real Time Clock Driver v1.10e
usb.c: registered new driver usbdevfs
usb.c: registered new driver hub
usb-uhci.c: $Revision: 1.275 $ time 18:49:04 Sep 20 2002
usb-uhci.c: High bandwidth mode enabled
PCI: Found IRQ 12 for device 00:04.2
```

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PCI: Sharing IRQ 12 with 00:04.3
usb-uhci.c: USB UHCI at I/O 0xd400, IRQ 12
usb-uhci.c: Detected 2 ports
usb.c: new USB bus registered, assigned bus number 1
hub.c: USB hub found
hub.c: 2 ports detected
PCI: Found IRQ 12 for device 00:04.3
PCI: Sharing IRQ 12 with 00:04.2
usb-uhci.c: USB UHCI at I/O 0xd000, IRQ 12
usb-uhci.c: Detected 2 ports
usb.c: new USB bus registered, assigned bus number 2
hub.c: USB hub found
hub.c: 2 ports detected
usb-uhci.c: v1.275:USB Universal Host Controller Interface driver
usbdevfs: remount parameter error
Adding Swap: 265032k swap-space (priority -1)
MSDOS FS: IO charset iso8859-2
MSDOS FS: Using codepage 852
CSLIP: code copyright 1989 Regents of the University of California
PPP generic driver version 2.4.2
Installing knfsd (copyright (C) 1996 okir@monad.swb.de).
PCI: Found IRQ 10 for device 00:0e.0
parport0: PC-style at 0x378 (0x778) [PCSP,TRISTATE]
parport_pc: Via 686A parallel port: io=0x378
lp0: using parport0 (polling).
Splash status on console 0 changed to off
inserting floppy driver for 2.4.19-16mdk
Floppy drive(s): fd0 is 1.44M
FDC 0 is a post-1991 82077
hdb: ATAPI CD-ROM drive, 128kB Cache, UDMA(33)
Uniform CD-ROM driver Revision: 3.12
SCSI subsystem driver Revision: 1.00
PPP BSD Compression module registered
PPP Deflate Compression module registered
hub.c: USB new device connect on bus1/2, assigned device number 2
usb-uhci.c: interrupt, status 2, frame# 973
usb.c: USB device not accepting new address=2 (error=-110)
hub.c: USB new device connect on bus1/2, assigned device number 3
usb.c: USB device not accepting new address=3 (error=-110)
hub.c: USB new device connect on bus1/2, assigned device number 4
usb.c: USB device 4 (vend/prod 0xa62/0x100) is not claimed by any active
driver.
```

and lsmod:

```
Module Size Used by Not tainted
ppp_deflate 41024 0 (autoclean)
bsd_comp 4344 0 (autoclean)
sg 31276 0 (autoclean) (unused)
st 26740 0 (autoclean) (unused)
sr_mod 15096 0 (autoclean) (unused)
```

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```
sd_mod 11788 0 (autoclean) (unused)
scsi_mod 90372 4 (autoclean) [sg st sr_mod sd_mod]
ide-cd 28712 0 (autoclean)
cdrom 26848 0 (autoclean) [sr_mod ide-cd]
floppy 49340 0 (autoclean)
lp 6720 1
parport_pc 21672 1
parport 23936 1 [lp parport_pc]
snd-seq-midi 3680 0 (autoclean) (unused)
snd-opl3-synth 9860 0 (autoclean) (unused)
snd-seq-instr 4816 0 (autoclean) [snd-opl3-synth]
snd-seq-midi-emul 4880 0 (autoclean) [snd-opl3-synth]
snd-ainstr-fm 1780 0 (autoclean) [snd-opl3-synth]
snd-seq-oss 26176 0 (unused)
snd-seq-midi-event 3208 0 [snd-seq-midi snd-seq-oss]
snd-seq 33264 2 [snd-seq-midi snd-opl3-synth snd-seq-instr
snd-seq-midi-emul snd-seq-oss snd-seq-midi-event]
snd-pcm-oss 36932 0
snd-mixer-oss 9016 0 [snd-pcm-oss]
snd-cmipci 15660 0
snd-pcm 55808 0 [snd-pcm-oss snd-cmipci]
snd-mpu401-uart 2752 0 [snd-cmipci]
snd-rawmidi 12864 0 [snd-seq-midi snd-mpu401-uart]
snd-opl3-lib 5764 0 [snd-opl3-synth snd-cmipci]
snd-timer 9964 0 [snd-seq snd-pcm snd-opl3-lib]
snd-seq-device 3836 0 [snd-seq-midi snd-opl3-synth snd-seq-oss
snd-seq snd-rawmidi snd-opl3-lib]
snd-hwdep 3840 0 [snd-opl3-lib]
snd 24804 0 [snd-seq-midi snd-opl3-synth snd-seq-instr
snd-seq-oss snd-seq-midi-event snd-seq snd-pcm-oss snd-mixer-oss snd-cmipci
snd-pcm snd-mpu401-uart snd-rawmidi snd-opl3-lib snd-timer snd-seq-device
snd-hwdep]
soundcore 3780 0 [snd]
nfsd 66576 0 (autoclean)
lockd 46480 0 (autoclean) [nfsd]
sunrpc 60188 0 (autoclean) [nfsd lockd]
ppp_async 7456 1
ppp_generic 20064 3 [ppp_deflate bsd_comp ppp_async]
slhc 5072 1 [ppp_generic]
af_packet 13000 0 (autoclean)
nls_iso8859-2 3356 1 (autoclean)
nls_cp852 3580 1 (autoclean)
vfat 9588 1 (autoclean)
fat 31864 0 (autoclean) [vfat]
supermount 14340 2 (autoclean)
usb-uhci 21676 0 (unused)
usbcore 58304 1 [usb-uhci]
rtc 6560 0 (autoclean)
```

Outgoing mail is certified Virus Free.

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Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.544 / Virus Database: 338 - Release Date: 25.11.2003