

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2005-06/0674.html>

From: Vladimir Grebenschikov (*vova_at_fbsd.ru*)

Date: 06/14/05

To: Andre Guibert de Bruet <andy@siliconlandmark.com>

Date: Tue, 14 Jun 2005 10:13:27 +0400

÷ ÐÔ, 10/06/2005 × 08:43 -0400, Andre Guibert de Bruet ÐÉÛÅÔ:
> *On Fri, 10 Jun 2005, Vladimir Grebenschikov wrote:*
> > ? ?, 08/06/2005 ? 17:29 -0400, Andre Guibert de Bruet ??????:
> >> *On Wed, 8 Jun 2005, Vladimir Grebenschikov wrote:*
> >>> ? ??, 08/06/2005 ? 14:56 -0400, Andre Guibert de Bruet ??????:
> >>>>
> >>>> *Let me guess... It's a laptop screen or an LCD panel?*
> >>>>
> >>>> *Yes, exactly, it is sony vizio z1.*
> >>>>
> >>>> *(II) RADEON(0): Panel ID string: Samsung LTN150P1-L02*
> >>>> *(II) RADEON(0): Panel Size from BIOS: 1400x1050*
> >>>> *(II) RADEON(0): BIOS provided dividers will be used.*
> >>>
> >> *Most laptop LCDs and cheaper desktop panels take a while (The dreaded*
> >> *second or two) to switch resolutions. Try the patch with an external crt*
> >> *monitor plugged in and display mirroring enabled to see the difference for*
> >> *yourself (Or simply try it on a desktop with a radeon card and a crt).*
> >
> > *I have got a maximum waiting for switching from X to console (X screen*
> > *disappeared very quick) - about 10 secs, probably it related to some*
> > *disk activity, can syscon pages be swapped ?*
>
> *Wow. 10 seconds goes beyond the limits of reasonable.*

I seen this only once or few number of times, usual time is 3-5 secs, but I think it is too much also.

> *I would not expect to see syscons pages being swapped, even under extreme*
> *memory pressure. How much memory is available in this system? Could you*
> *make a recent boot -v (With the patch) and the kernel config available?*

In attachment, most drivers loaded as modules on boot (see attached loader.conf).

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

Also I have attached log of X server.

```
# kldstat
Password:
Id Refs Address Size Name
1 51 0xc0400000 2ee178 kernel
2 1 0xc06ef000 4228 vesa.ko
3 2 0xc06f4000 e5a0 msdosfs.ko
4 1 0xc0703000 b884 ntfs.ko
5 1 0xc070f000 9d5c if_fxp.ko
6 2 0xc0719000 17a48 miibus.ko
7 1 0xc0731000 5748 snd_ich.ko
8 2 0xc0737000 1d794 sound.ko
9 8 0xc0755000 1ee64 usb.ko
10 1 0xc0774000 7b38 ukbd.ko
11 1 0xc077c000 386c ulpt.ko
12 1 0xc0780000 3cf8 ums.ko
13 1 0xc0784000 63f8 umass.ko
14 9 0xc078b000 12440 agp.ko
15 2 0xc079e000 51d8 sysvmsg.ko
16 2 0xc07a4000 5e00 sysvsem.ko
17 2 0xc07aa000 5134 sysvshm.ko
18 2 0xc07b0000 1fc18 smbfs.ko
19 6 0xc07d0000 38d4 libiconv.ko
20 3 0xc07d4000 17fc libmchain.ko
21 1 0xc07d6000 7744 ng_ubt.ko
22 6 0xc07de000 c5f0 netgraph.ko
23 1 0xc07eb000 a7a4 sbp.ko
24 2 0xc07f6000 13af4 firewire.ko
25 1 0xc080a000 2c28 wlan_wep.ko
26 2 0xc080d000 1bb34 wlan.ko
27 1 0xc0829000 25a0 acpi_sony.ko
28 1 0xc082c000 a77c cbb.ko
29 3 0xc0837000 3154 exca.ko
30 1 0xc083b000 c6e8 pccard.ko
31 1 0xc2768000 2000 msdosfs_iconv.ko
32 4 0xc2a70000 2000 ng_bluetooth.ko
33 1 0xc2a7b000 c000 ng_hci.ko
34 1 0xc2a87000 e000 ng_l2cap.ko
35 1 0xc2a9d000 16000 ng_btsocket.ko
36 1 0xc2abb000 3000 ng_socket.ko
37 1 0xc2ae4000 15000 linux.ko
#
```

> *Andy*

```
--
Vladimir B. Grebenschikov
vova@fbsd.ru
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

FreeBSD 6.0-CURRENT #4: Thu Jun 9 03:18:32 MSD 2005

root@vbook.fbsd.ru:/usr/obj/usr/src/sys/VBOOK

Preloaded elf kernel "/boot/kernel/kernel" at 0xc0849000.

Preloaded elf module "/boot/kernel/vesa.ko" at 0xc08491a8.

Preloaded elf module "/boot/kernel/msdosfs.ko" at 0xc0849254.

Preloaded elf module "/boot/kernel/ntfs.ko" at 0xc0849300.

Preloaded elf module "/boot/kernel/if_fxp.ko" at 0xc08493ac.

Preloaded elf module "/boot/kernel/miibus.ko" at 0xc0849458.

Preloaded elf module "/boot/kernel/snd_ich.ko" at 0xc0849504.

Preloaded elf module "/boot/kernel/sound.ko" at 0xc08495b0.

Preloaded elf module "/boot/kernel/usb.ko" at 0xc084965c.

Preloaded elf module "/boot/kernel/ukbd.ko" at 0xc0849704.

Preloaded elf module "/boot/kernel/ulpt.ko" at 0xc08497b0.

Preloaded elf module "/boot/kernel/ums.ko" at 0xc084985c.

Preloaded elf module "/boot/kernel/umass.ko" at 0xc0849904.

Preloaded elf module "/boot/kernel/agp.ko" at 0xc08499b0.

Preloaded elf module "/boot/kernel/sysvmsg.ko" at 0xc0849a58.

Preloaded elf module "/boot/kernel/sysvsem.ko" at 0xc0849b04.

Preloaded elf module "/boot/kernel/sysvshm.ko" at 0xc0849bb0.

Preloaded elf module "/boot/kernel/smbfs.ko" at 0xc0849c5c.

Preloaded elf module "/boot/kernel/libiconv.ko" at 0xc0849d08.

Preloaded elf module "/boot/kernel/libmchain.ko" at 0xc0849db8.

Preloaded elf module "/boot/kernel/ng_ubt.ko" at 0xc0849e68.

Preloaded elf module "/boot/kernel/netgraph.ko" at 0xc0849f14.

Preloaded elf module "/boot/kernel/sbp.ko" at 0xc0849fc4.

Preloaded elf module "/boot/kernel/firewire.ko" at 0xc084a06c.

Preloaded elf module "/boot/kernel/wlan_wep.ko" at 0xc084a11c.

Preloaded elf module "/boot/kernel/wlan.ko" at 0xc084a1cc.

Preloaded elf module "/boot/kernel/acpi_sony.ko" at 0xc084a278.

Preloaded elf module "/boot/kernel/cbb.ko" at 0xc084a328.

Preloaded elf module "/boot/kernel/exca.ko" at 0xc084a3d0.

Preloaded elf module "/boot/kernel/pccard.ko" at 0xc084a47c.

Calibrating clock(s) ... i8254 clock: 1193140 Hz

CLK_USE_I8254_CALIBRATION not specified – using default frequency

Timecounter "i8254" frequency 1193182 Hz quality 0

Calibrating TSC clock ... TSC clock: 1686968000 Hz

CPU: Intel(R) Pentium(R) M processor 1700MHz (1686.97-MHz 686-class CPU)

Origin = "GenuineIntel" Id = 0x695 Stepping = 5

Features=0xa7e9f9bf<FPU,VME,DE,PSE,TSC,MSR,MCE,CX8,SEP,MTRR,PGE,MCA,CMOV,PAT,CLFLUSH,DT

Features2=0x180<EST,TM2>

real memory = 1073152000 (1023 MB)

Physical memory chunk(s):

0x0000000000001000 – 0x000000000009efff, 647168 bytes (158 pages)

0x000000000100000 – 0x00000000003fffff, 3145728 bytes (768 pages)

0x000000000c25000 – 0x000000003ed41fff, 1041354752 bytes (254237 pages)

avail memory = 1041235968 (993 MB)

bios32: Found BIOS32 Service Directory header at 0xc00f6a50

bios32: Entry = 0xfd751 (c00fd751) Rev = 0 Len = 1

pcbios: PCI BIOS entry at 0xfd750+0x273

pnpbios: Found PnP BIOS data at 0xc00f6aa0

pnpbios: Entry = f000:be09 Rev = 1.0

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

Other BIOS signatures found:

wlan: <802.11 Link Layer>

random: <entropy source, Software, Yarrow>

VESA: information block

56 45 53 41 00 02 00 01 00 01 01 00 00 00 22 00

00 01 00 01 00 01 14 01 00 01 2a 01 00 01 2f 01

00 01 82 01 0d 01 0e 01 0f 01 20 01 92 01 93 01

94 01 95 01 96 01 a2 01 a3 01 a4 01 a5 01 a6 01

VESA: 60 mode(s) found

VESA: v2.0, 16384k memory, flags:0x1, mode table:0xc06f2322 (1000022)

VESA: ATI MOBILITY RADEON

VESA: ATI Technologies Inc. R100 01.00

io: <I/O>

netsmb_dev: loaded

mem: <memory>

Pentium Pro MTRR support enabled

null: <null device, zero device>

npx0: [FAST]

npx0: <math processor> on motherboard

npx0: INT 16 interface

acpi0: <SONY> on motherboard

acpi0: [MPSAFE]

pci_open(1): mode 1 addr port (0x0cf8) is 0x8000f904

pci_open(1a): mode1res=0x80000000 (0x80000000)

pci_cfgcheck: device 0 [class=060000] [hdr=00] is there (id=33408086)

pcbios: BIOS version 2.10

Found \$PIR table, 9 entries at 0xc00fdf30

PCI-Only Interrupts: none

Location Bus Device Pin Link IRQs

embedded 2 5 A 0x69 3

embedded 2 8 A 0x68 9

slot 3 2 11 A 0x63 9

embedded 0 29 A 0x60 9

embedded 0 29 B 0x63 9

embedded 0 1 A 0x60 3 4 5 6 7 9 10 12

embedded 0 1 B 0x61 3 4 5 6 7 9 10 12

AcpiOsDerivePciId: bus 2 dev 5 func 0

AcpiOsDerivePciId: bus 0 dev 31 func 0

AcpiOsDerivePciId: bus 0 dev 0 func 0

pci_link0: <ACPI PCI Link LNKA> irq 9 on acpi0

pci_link0: Links after initial probe:

Index IRQ Rtd Ref IRQs

0 9 N 0 9

pci_link0: Links after initial validation:

Index IRQ Rtd Ref IRQs

0 9 N 0 9

pci_link0: Links after disable:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link1: <ACPI PCI Link LNKB> irq 0 on acpi0

pci_link1: Links after initial probe:

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link1: Links after initial validation:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link1: Links after disable:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link2: <ACPI PCI Link LNKC> irq 0 on acpi0

pci_link2: Links after initial probe:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link2: Links after initial validation:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link2: Links after disable:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link3: <ACPI PCI Link LNKD> irq 9 on acpi0

pci_link3: Links after initial probe:

Index IRQ Rtd Ref IRQs

0 9 N 0 9

pci_link3: Links after initial validation:

Index IRQ Rtd Ref IRQs

0 9 N 0 9

pci_link3: Links after disable:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link4: <ACPI PCI Link LNKE> irq 9 on acpi0

pci_link4: Links after initial probe:

Index IRQ Rtd Ref IRQs

0 9 N 0 9

pci_link4: Links after initial validation:

Index IRQ Rtd Ref IRQs

0 9 N 0 9

pci_link4: Links after disable:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link5: <ACPI PCI Link LNKF> irq 3 on acpi0

pci_link5: Links after initial probe:

Index IRQ Rtd Ref IRQs

0 3 N 0 9

pci_link5: Links after initial validation:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link5: Links after disable:

Index IRQ Rtd Ref IRQs

0 255 N 0 9

pci_link6: <ACPI PCI Link LNKG> irq 0 on acpi0

pci_link6: Links after initial probe:

Index IRQ Rtd Ref IRQs

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

frebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
0 255 N 0 9
pci_link6: Links after initial validation:
Index IRQ Rtd Ref IRQs
0 255 N 0 9
pci_link6: Links after disable:
Index IRQ Rtd Ref IRQs
0 255 N 0 9
pci_link7: <ACPI PCI Link LNKH> irq 0 on acpi0
pci_link7: Links after initial probe:
Index IRQ Rtd Ref IRQs
0 255 N 0 9
pci_link7: Links after initial validation:
Index IRQ Rtd Ref IRQs
0 255 N 0 9
pci_link7: Links after disable:
Index IRQ Rtd Ref IRQs
0 255 N 0 9
acpi_ec0: <Embedded Controller: GPE 0x1c> port 0x62,0x66 on acpi0
acpi_ec0: info: new max delay is 300 us
ACPI timer: 1/0 1/0 1/0 1/0 1/0 1/0 1/0 1/0 1/0 1/0 -> 10
Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x1008-0x100b on acpi0
cpu0: <ACPI CPU> on acpi0
acpi_perf0: <ACPI CPU Frequency Control> on cpu0
acpi_perf0: failed in PERF_STATUS attach
device_attach: acpi_perf0 attach returned 6
acpi_throttle0: <ACPI CPU Throttling> on cpu0
acpi_throttle0: P_CNT from P_BLK 0x1010
acpi_perf0: <ACPI CPU Frequency Control> on cpu0
acpi_perf0: failed in PERF_STATUS attach
device_attach: acpi_perf0 attach returned 6
acpi_lid0: <Control Method Lid Switch> on acpi0
acpi_button0: <Power Button> on acpi0
pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0
pci0: <ACPI PCI bus> on pcib0
pci0: physical bus=0
found-> vendor=0x8086, dev=0x3340, revid=0x03
    bus=0, slot=0, func=0
    class=06-00-00, hdrtype=0x00, mfdev=0
    cmdreg=0x0106, statreg=0x2090, cachelsz=0 (dwords)
    lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
    map[10]: type 3, range 32, base e0000000, size 28, enabled
found-> vendor=0x8086, dev=0x3341, revid=0x03
    bus=0, slot=1, func=0
    class=06-04-00, hdrtype=0x01, mfdev=0
    cmdreg=0x0007, statreg=0x00a0, cachelsz=0 (dwords)
    lattimer=0x60 (2880 ns), mingnt=0x0c (3000 ns), maxlat=0x00 (0 ns)
found-> vendor=0x8086, dev=0x24c2, revid=0x03
    bus=0, slot=29, func=0
    class=0c-03-00, hdrtype=0x00, mfdev=1
    cmdreg=0x0005, statreg=0x0280, cachelsz=0 (dwords)
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=a, irq=9
map[20]: type 4, range 32, base 00001800, size 5, enabled
pcib0: matched entry for 0.29.INTA (src \_SB\_PCI0.LPCB.LNKA:0)
pcib0: slot 29 INTA routed to irq 9 via \_SB\_PCI0.LPCB.LNKA
found-> vendor=0x8086, dev=0x24c4, revid=0x03
bus=0, slot=29, func=1
class=0c-03-00, hdrtype=0x00, mfdev=0
cmdreg=0x0005, statreg=0x0280, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=b, irq=9
map[20]: type 4, range 32, base 00001820, size 5, enabled
pcib0: matched entry for 0.29.INTB (src \_SB\_PCI0.LPCB.LNKD:0)
pcib0: slot 29 INTB routed to irq 9 via \_SB\_PCI0.LPCB.LNKD
found-> vendor=0x8086, dev=0x24c7, revid=0x03
bus=0, slot=29, func=2
class=0c-03-00, hdrtype=0x00, mfdev=0
cmdreg=0x0005, statreg=0x0280, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=c, irq=255
map[20]: type 4, range 32, base 00001840, size 5, enabled
found-> vendor=0x8086, dev=0x24cd, revid=0x03
bus=0, slot=29, func=7
class=0c-03-20, hdrtype=0x00, mfdev=0
cmdreg=0x0006, statreg=0x0290, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=d, irq=255
powerspec 2 supports D0 D3 current D0
map[10]: type 1, range 32, base d0000000, size 10, enabled
found-> vendor=0x8086, dev=0x2448, revid=0x83
bus=0, slot=30, func=0
class=06-04-00, hdrtype=0x01, mfdev=0
cmdreg=0x0007, statreg=0x8080, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x04 (1000 ns), maxlat=0x00 (0 ns)
found-> vendor=0x8086, dev=0x24cc, revid=0x03
bus=0, slot=31, func=0
class=06-01-00, hdrtype=0x00, mfdev=1
cmdreg=0x000f, statreg=0x0280, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
found-> vendor=0x8086, dev=0x24ca, revid=0x03
bus=0, slot=31, func=1
class=01-01-8a, hdrtype=0x00, mfdev=0
cmdreg=0x0005, statreg=0x0280, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=a, irq=255
map[20]: type 4, range 32, base 00001860, size 4, enabled
map[24]: type 1, range 32, base 00000000, size 10, memory disabled
found-> vendor=0x8086, dev=0x24c3, revid=0x03
bus=0, slot=31, func=3
class=0c-05-00, hdrtype=0x00, mfdev=0
cmdreg=0x0001, statreg=0x0280, cachelsz=0 (dwords)
```

frebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=b, irq=255
map[20]: type 4, range 32, base 00001880, size 5, enabled
found-> vendor=0x8086, dev=0x24c5, revid=0x03
bus=0, slot=31, func=5
class=04-01-00, hdrtype=0x00, mfdev=0
cmdreg=0x0007, statreg=0x0290, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=b, irq=9
powerspec 2 supports D0 D3 current D0
map[10]: type 4, range 32, base 00001c00, size 8, enabled
map[14]: type 4, range 32, base 000018c0, size 6, enabled
map[18]: type 1, range 32, base d0000c00, size 9, enabled
map[1c]: type 1, range 32, base d0000800, size 8, enabled
pcib0: matched entry for 0.31.INTB (src _SB_.PCI0.LPCB.LNKB:0)
pci_link1: Picked IRQ 9 with weight 4
pcib0: slot 31 INTB routed to irq 9 via _SB_.PCI0.LPCB.LNKB
found-> vendor=0x8086, dev=0x24c6, revid=0x03
bus=0, slot=31, func=6
class=07-03-00, hdrtype=0x00, mfdev=0
cmdreg=0x0005, statreg=0x0290, cachelsz=0 (dwords)
lattimer=0x00 (0 ns), mingnt=0x00 (0 ns), maxlat=0x00 (0 ns)
intpin=b, irq=255
powerspec 2 supports D0 D3 current D0
map[10]: type 4, range 32, base 00002400, size 8, enabled
map[14]: type 4, range 32, base 00002000, size 7, enabled
agp0: <Intel 82855 host to AGP bridge> mem 0xe0000000-0xefffffff at device 0.0 on pci0
agp0: Reserved 0x10000000 bytes for rid 0x10 type 3 at 0xe0000000
agp0: allocating GATT for aperture of size 256M
pcib1: <ACPI PCI-PCI bridge> at device 1.0 on pci0
pcib1: secondary bus 1
pcib1: subordinate bus 1
pcib1: I/O decode 0x3000-0x3fff
pcib1: memory decode 0xd0100000-0xd01fffff
pcib1: prefetched decode 0xd8000000-0xdfffffff
pci1: <ACPI PCI bus> on pcib1
pci1: physical bus=1
found-> vendor=0x1002, dev=0x4c59, revid=0x00
bus=1, slot=0, func=0
class=03-00-00, hdrtype=0x00, mfdev=0
cmdreg=0x0283, statreg=0x02b0, cachelsz=16 (dwords)
lattimer=0x42 (1980 ns), mingnt=0x08 (2000 ns), maxlat=0x00 (0 ns)
intpin=a, irq=9
powerspec 2 supports D0 D1 D2 D3 current D0
map[10]: type 3, range 32, base d8000000, size 27, enabled
pcib1: (null) requested memory range 0xd8000000-0xdfffffff: good
map[14]: type 4, range 32, base 00003000, size 8, enabled
pcib1: (null) requested I/O range 0x3000-0x30ff: in range
map[18]: type 1, range 32, base d0100000, size 16, enabled
pcib1: (null) requested memory range 0xd0100000-0xd010ffff: good
pcib1: matched entry for 1.0.INTA (src _SB_.PCI0.LPCB.LNKA:0)

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

pcib1: slot 0 INTA routed to irq 9 via _SB_.PCI0.LPCB.LNKA
pci1: <display, VGA> at device 0.0 (no driver attached)
uhci0: <Intel 82801DB (ICH4) USB controller USB-A> port 0x1800-0x181f irq 9 at device 29.0 on pci0
uhci0: Reserved 0x20 bytes for rid 0x20 type 4 at 0x1800
uhci0: [GIANT-LOCKED]
usb0: <Intel 82801DB (ICH4) USB controller USB-A> on uhci0
usb0: USB revision 1.0
uhub0: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub0: 2 ports with 2 removable, self powered
uhci1: <Intel 82801DB (ICH4) USB controller USB-B> port 0x1820-0x183f irq 9 at device 29.1 on pci0
uhci1: Reserved 0x20 bytes for rid 0x20 type 4 at 0x1820
uhci1: [GIANT-LOCKED]
usb1: <Intel 82801DB (ICH4) USB controller USB-B> on uhci1
usb1: USB revision 1.0
uhub1: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub1: 2 ports with 2 removable, self powered
uhci2: <Intel 82801DB (ICH4) USB controller USB-C> port 0x1840-0x185f at device 29.2 on pci0
uhci2: Reserved 0x20 bytes for rid 0x20 type 4 at 0x1840
pcib0: matched entry for 0.29.INTC (src _SB_.PCI0.LPCB.LNKC:0)
pci_link2: Picked IRQ 9 with weight 7
pcib0: slot 29 INTC routed to irq 9 via _SB_.PCI0.LPCB.LNKC
uhci2: [GIANT-LOCKED]
usb2: <Intel 82801DB (ICH4) USB controller USB-C> on uhci2
usb2: USB revision 1.0
uhub2: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub2: 2 ports with 2 removable, self powered
ehci0: <EHCI (generic) USB 2.0 controller> mem 0xd0000000-0xd00003ff at device 29.7 on pci0
ehci0: Reserved 0x400 bytes for rid 0x10 type 3 at 0xd0000000
pcib0: matched entry for 0.29.INTD (src _SB_.PCI0.LPCB.LNKH:0)
pci_link7: Picked IRQ 9 with weight 9
pcib0: slot 29 INTD routed to irq 9 via _SB_.PCI0.LPCB.LNKH
ehci0: [GIANT-LOCKED]
usb3: EHCI version 1.0
usb3: companion controllers, 2 ports each: usb0 usb1 usb2
usb3: <EHCI (generic) USB 2.0 controller> on ehci0
usb3: USB revision 2.0
uhub3: Intel EHCI root hub, class 9/0, rev 2.00/1.00, addr 1
uhub3: 6 ports with 6 removable, self powered
umass0: Sony USB Memory Stick Slot, rev 2.00/1.10, addr 2
umass0: Get Max Lun not supported (STALLED)
umass0:0:0:-1: Attached to scbus0
pcib2: <ACPI PCI-PCI bridge> at device 30.0 on pci0
pcib2: secondary bus 2
pcib2: subordinate bus 2
pcib2: I/O decode 0x4000-0x4fff
pcib2: memory decode 0xd0200000-0xd02fffff
pcib2: prefetched decode 0xffff0000-0xfffff
pcib2: Subtractively decoded bridge.
pci2: <ACPI PCI bus> on pcib2
pci2: physical bus=2
found-> vendor=0x1180, dev=0x0475, revid=0xb8

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
bus=2, slot=5, func=0
class=06-07-00, hdrtype=0x02, mfdev=1
cmdreg=0x0007, statreg=0x0210, cachelsz=0 (dwords)
lattimer=0x40 (1920 ns), mingnt=0x00 (0 ns), maxlat=0x07 (1750 ns)
intpin=a, irq=3
powerspec 2 supports D0 D1 D2 D3 current D0
map[10]: type 1, range 32, base 00000000, size 12, enabled
pcib2: matched entry for 2.5.INTA (src \_SB_.PCI0.LPCB.LNKF:0)
pci_link5: Picked IRQ 9 with weight 11
pcib2: slot 5 INTA routed to irq 9 via \_SB_.PCI0.LPCB.LNKF
found-> vendor=0x1180, dev=0x0551, revid=0x00
bus=2, slot=5, func=1
class=0c-00-10, hdrtype=0x00, mfdev=1
cmdreg=0x0006, statreg=0x0210, cachelsz=0 (dwords)
lattimer=0x40 (1920 ns), mingnt=0x02 (500 ns), maxlat=0x04 (1000 ns)
intpin=b, irq=255
powerspec 2 supports D0 D3 current D0
map[10]: type 1, range 32, base d0202000, size 11, enabled
pcib2: (null) requested memory range 0xd0202000-0xd02027ff: good
found-> vendor=0x8086, dev=0x103d, revid=0x83
bus=2, slot=8, func=0
class=02-00-00, hdrtype=0x00, mfdev=0
cmdreg=0x0017, statreg=0x0290, cachelsz=16 (dwords)
lattimer=0x42 (1980 ns), mingnt=0x08 (2000 ns), maxlat=0x38 (14000 ns)
intpin=a, irq=9
powerspec 2 supports D0 D1 D2 D3 current D0
map[10]: type 1, range 32, base d0200000, size 12, enabled
pcib2: (null) requested memory range 0xd0200000-0xd0200fff: good
map[14]: type 4, range 32, base 00004000, size 6, enabled
pcib2: (null) requested I/O range 0x4000-0x403f: in range
pcib2: matched entry for 2.8.INTA (src \_SB_.PCI0.LPCB.LNKE:0)
pcib2: slot 8 INTA routed to irq 9 via \_SB_.PCI0.LPCB.LNKE
found-> vendor=0x8086, dev=0x4220, revid=0x05
bus=2, slot=11, func=0
class=02-80-00, hdrtype=0x00, mfdev=0
cmdreg=0x0016, statreg=0x0290, cachelsz=16 (dwords)
lattimer=0x40 (1920 ns), mingnt=0x03 (750 ns), maxlat=0x18 (6000 ns)
intpin=a, irq=9
powerspec 2 supports D0 D3 current D0
map[10]: type 1, range 32, base d0201000, size 12, enabled
pcib2: (null) requested memory range 0xd0201000-0xd0201fff: good
pcib2: matched entry for 2.11.INTA (src \_SB_.PCI0.LPCB.LNKD:0)
pcib2: slot 11 INTA routed to irq 9 via \_SB_.PCI0.LPCB.LNKD
cbb0: <RF5C475 PCI-CardBus Bridge> irq 9 at device 5.0 on pci2
pcib2: cbb0 requested memory range 0xd0200000-0xd02fffff: good
cbb0: Lazy allocation of 0x1000 bytes rid 0x10 type 3 at 0xd0203000
pccard0: <16-bit PCCard bus> on cbb0
cbb0: [MPSAFE]
cbb0: PCI Configuration space:
0x00: 0x04751180 0x02100007 0x060700b8 0x00824000
0x10: 0xd0203000 0x020000dc 0x40040302 0xfffff000
```

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

0x20: 0x00000000 0xfffff000 0x00000000 0xfffffff0
0x30: 0x00000000 0xfffffff0 0x00000000 0x07000109
0x40: 0x8140104d 0x00000001 0x00000000 0x00000000
0x50: 0x00000000 0x00000000 0x00000000 0x00000000
0x60: 0x00000000 0x00000000 0x00000000 0x00000000
0x70: 0x00000000 0x00000000 0x00000000 0x00000000
0x80: 0x24a00001 0x00000000 0x04630463 0x00000000
0x90: 0x00000000 0x00000000 0x00000000 0x00000000
0xa0: 0x80000046 0x00000000 0x00000000 0x00000000
0xb0: 0x00000000 0x00000000 0x00000000 0x00000000
0xc0: 0x8140104d 0x00000000 0x00000000 0x00000000
0xd0: 0x00000000 0x00000000 0x00000000 0xfe0a0001
0xe0: 0x24c04000 0x00000000 0x00000000 0x00000000
0xf0: 0x00000000 0x00000000 0x00000000 0x00000000
fwohci0: <Ricoh R5C551> mem 0xd0202000–0xd02027ff at device 5.1 on pci2
fwohci0: Reserved 0x800 bytes for rid 0x10 type 3 at 0xd0202000
pcib2: matched entry for 2.5.INTB (src _SB_.PCI0.LPCB.LNKG:0)
pci_link6: Picked IRQ 9 with weight 14
pcib2: slot 5 INTB routed to irq 9 via _SB_.PCI0.LPCB.LNKG
fwohci0: [MPSAFE]
fwohci0: OHCI version 1.0 (ROM=1)
fwohci0: No. of Isochronous channels is 4.
fwohci0: EUI64 08:00:46:03:01:8d:e0:3c
fwohci0: Phy 1394a available S400, 2 ports.
fwohci0: Link S400, max_rec 2048 bytes.
firewire0: <IEEE1394(FireWire) bus> on fwohci0
sbp0: <SBP-2/SCSI over FireWire> on firewire0
fwohci0: Initiate bus reset
fwohci0: node_id=0xc800ffc0, gen=1, CYCLEMASTER mode
firewire0: 1 nodes, maxhop <= 0, cable IRM = 0 (me)
firewire0: bus manager 0 (me)
fxp0: <Intel 82801DB (ICH4) Pro/100 VE Ethernet> port 0x4000–0x403f mem 0xd0200000–0xd0200fff irq
9 at device 8.0 on pci2
fxp0: Reserved 0x1000 bytes for rid 0x10 type 3 at 0xd0200000
fxp0: using memory space register mapping
fxp0: PCI IDs: 8086 103d 104d 8140 0083
fxp0: Dynamic Standby mode is disabled
miibus0: <MII bus> on fxp0
inphy0: <i82562ET 10/100 media interface> on miibus0
inphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, auto
fxp0: bpf attached
fxp0: Ethernet address: 08:00:46:c8:45:b3
fxp0: [MPSAFE]
pci2: <network> at device 11.0 (no driver attached)
pci2:11:0: Transition from D0 to D3
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <Intel ICH4 UDMA100 controller> port 0x1f0–0x1f7,0x3f6,0x170–0x177,0x376,0x1860–0x186f at
device 31.1 on pci0
atapci0: Reserved 0x10 bytes for rid 0x20 type 4 at 0x1860
ata0: <ATA channel 0> on atapci0

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

11

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
atapci0: Reserved 0x8 bytes for rid 0x10 type 4 at 0x1f0
atapci0: Reserved 0x1 bytes for rid 0x14 type 4 at 0x3f6
ata0: reset tp1 mask=03 ostat0=50 ostat1=00
ata0: stat0=0x50 err=0x01 lsb=0x00 msb=0x00
ata0: stat1=0x00 err=0x01 lsb=0x00 msb=0x00
ata0: reset tp2 stat0=50 stat1=00 devices=0x1<ATA_MASTER>
ata0: [MPSAFE]
ata1: <ATA channel 1> on atapci0
atapci0: Reserved 0x8 bytes for rid 0x18 type 4 at 0x170
atapci0: Reserved 0x1 bytes for rid 0x1c type 4 at 0x376
ata1: reset tp1 mask=03 ostat0=50 ostat1=00
ata1: stat0=0x00 err=0x01 lsb=0x14 msb=0xeb
ata1: stat1=0x00 err=0x01 lsb=0x14 msb=0xeb
ata1: reset tp2 stat0=00 stat1=00 devices=0xc<ATAPI_SLAVE,ATAPI_MASTER>
ata1: [MPSAFE]
pci0: <serial bus, SMBus> at device 31.3 (no driver attached)
pcm0: <Intel ICH4 (82801DB)> port 0x1c00-0x1cff,0x18c0-0x18ff mem
0xd0000c00-0xd0000dff,0xd0000800-0xd00008ff irq 9 at device 31.5 on pci0
pcm0: Reserved 0x100 bytes for rid 0x10 type 4 at 0x1c00
pcm0: Reserved 0x40 bytes for rid 0x14 type 4 at 0x18c0
pcm0: [GIANT-LOCKED]
pcm0: <Yamaha YMF753 AC97 Codec (id = 0x594d4803)>
pcm0: Codec features 18 bit DAC, 5 bit master volume, no 3D Stereo Enhancement
pcm0: Primary codec extended features reserved 1, AMAP, reserved 4
pcm0: sndbuf_setmap 3e6ba000, 4000; 0xf52c8000 -> 3e6ba000
pcm0: sndbuf_setmap 3e6b6000, 4000; 0xf52cc000 -> 3e6b6000
pci0: <simple comms, generic modem> at device 31.6 (no driver attached)
pci0:31:6: Transition from D0 to D3
acpi_tz0: <Thermal Zone> on acpi0
acpi_sony0: <Sony notebook controller> on acpi0
acpi_sony0: PID 0
atkbd0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
atkbd: the current kbd controller command byte 0047
atkbd: keyboard ID 0x41ab (2)
kbd0 at atkbd0
kbd0: atkbd0, AT 101/102 (2), config:0x0, flags:0x3d0000
atkbd0: [GIANT-LOCKED]
psm0: unable to allocate IRQ
psmcpnp0: <PS/2 mouse port> irq 12 on acpi0
psm0: current command byte:0047
psm0: <PS/2 Mouse> irq 12 on atkbd0
psm0: [GIANT-LOCKED]
psm0: model GlidePoint, device ID 0-00, 2 buttons
psm0: config:00000000, flags:00000008, packet size:3
psm0: syncmask:c0, syncbits:00
acpi_cmbat0: <Control Method Battery> on acpi0
acpi_acad0: <AC Adapter> on acpi0
ata: ata0 already exists; skipping it
ata: ata1 already exists; skipping it
atkbd: atkbd0 already exists; skipping it
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

12

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
sc: sc0 already exists; skipping it
vga: vga0 already exists; skipping it
pnp_identify: Trying Read_Port at 203
pnp_identify: Trying Read_Port at 243
pnp_identify: Trying Read_Port at 283
pnp_identify: Trying Read_Port at 2c3
pnp_identify: Trying Read_Port at 303
pnp_identify: Trying Read_Port at 343
pnp_identify: Trying Read_Port at 383
pnp_identify: Trying Read_Port at 3c3
PNP Identify complete
isa_probe_children: disabling PnP devices
isa_probe_children: probing non-PnP devices
pmtimer0 on isa0
orm0: <ISA Option ROMs> at iomem 0xc0000-0xcffff,0xd8000-0xdbfff,0xdc000-0xdffff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
sc0: fb0, kbd0, terminal emulator: sc (syscons terminal)
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
adv0: not probed (disabled)
aha0: not probed (disabled)
aic0: not probed (disabled)
bt0: not probed (disabled)
cs0: not probed (disabled)
ed0: not probed (disabled)
fdc0 failed to probe at port 0x3f0 irq 6 drq 2 on isa0
fe0: not probed (disabled)
ie0: not probed (disabled)
lnc0: not probed (disabled)
pcic0 failed to probe at port 0x3e0 iomem 0xd0000 on isa0
pcic1: not probed (disabled)
ppc0 failed to probe at irq 7 on isa0
sio0: not probed (disabled)
sio1: not probed (disabled)
sio2: not probed (disabled)
sio3: not probed (disabled)
sn0: not probed (disabled)
vt0: not probed (disabled)
isa_probe_children: probing PnP devices
uhub4: vendor 0x0451 product 0x1446, class 9/0, rev 1.10/1.10, addr 2
uhub4: 4 ports with 4 removable, self powered
ukbd0: BTC USB KMp, rev 1.00/1.00, addr 3, iclass 3/1
kbd: new array size 4
kbd1 at ukbd0
kbd1: ukbd0, generic (0), config:0x0, flags:0x1d0000
ums0: BTC USB KMp, rev 1.00/1.00, addr 3, iclass 3/1
ums0: 3 buttons.
ums1: Microsoft Microsoft IntelliMouse\M-. Explorer, rev 1.10/1.14, addr 4, iclass 3/1
ums1: 5 buttons and Z dir.
ubt0: ALPS UGX, rev 1.10/7.81, addr 2
ubt0: ALPS UGX, rev 1.10/7.81, addr 2
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

13

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
ubt0: Interface 0 endpoints: interrupt=0x81, bulk-in=0x82, bulk-out=0x2
ubt0: Interface 1 (alt.config 5) endpoints: isoc-in=0x83, isoc-out=0x3; wMaxPacketSize=49; nframes=6,
buffer size=294
Device configuration finished.
procfs registered
Timecounter "TSC" frequency 1686968000 Hz quality 800
Timecounters tick every 1.000 msec
DUMMYNET with IPv6 initialized (040826)
lo0: bpf attached
ipfw2 (+ip6) initialized, divert loadable, rule-based forwarding enabled, default to deny, logging unlimited
acpi_cmbat0: battery initialization staracpi_acad0: acline initialization start
acpi_acad0: On Line
acpi_acad0: acline initialization done, tried 1 times
t
acpi_cmbat0: battery initialization done, tried 1 times
ata0-master: pio=PIO4 wdma=WDMA2 udma=UDMA100 cable=80 wire
ad0: setting PIO4 on Intel ICH4 chip
ad0: setting UDMA100 on Intel ICH4 chip
ad0: 76319MB <FUJITSU MHV2080AT 00000096> at ata0-master UDMA100
ad0: 156301488 sectors [155061C/16H/63S] 16 sectors/interrupt 1 depth queue
GEOM: new disk ad0
ata1: reiniting channel ..
ata1: reset tp1 mask=03 ostat0=00 ostat1=00
ata1: stat0=0x00 err=0x01 lsb=0x14 msb=0xeb
ata1: stat1=0x00 err=0x01 lsb=0x14 msb=0xeb
ata1: reset tp2 stat0=00 stat1=00 devices=0xc<ATAPI_SLAVE,ATAPI_MASTER>
ata1: reinit done ..
ata1: reiniting channel ..
ata1: reset tp1 mask=03 ostat0=00 ostat1=00
ata1: stat0=0x00 err=0x01 lsb=0x14 msb=0xeb
ata1: stat1=0x00 err=0x01 lsb=0x14 msb=0xeb
ata1: reset tp2 stat0=00 stat1=00 devices=0xc<ATAPI_SLAVE,ATAPI_MASTER>
ata1: reinit done ..
ata1-master: pio=PIO4 wdma=WDMA2 udma=UDMA33 cable=40 wire
acd0: setting PIO4 on Intel ICH4 chip
acd0: setting UDMA33 on Intel ICH4 chip
acd0: <UJDA755 DVD/CDRW/1.01> CDRW drive at ata1 as master
acd0: read 4134KB/s (4134KB/s) write 4134KB/s (4134KB/s), 2048KB buffer, UDMA33
acd0: Reads: CDR, CDRW, CDDA stream, DVDROM, DVDR, DVDRAM, packet
acd0: Writes: CDR, CDRW, test write, burnproof
acd0: Audio: play, 256 volume levels
acd0: Mechanism: ejectable tray, unlocked
acd0: Medium: no/blank disc
pcm0: measured ac97 link rate at 48014 Hz, will use 48000 Hz
(probe1:sbp0:0:0:0): error 22
(probe1:sbp0:0:0:0): Unretryable Error
(probe2:sbp0:0:1:0): error 22
(probe2:sbp0:0:1:0): Unretryable Error
(probe3:sbp0:0:2:0): error 22
(probe3:sbp0:0:2:0): Unretryable Error
(probe4:sbp0:0:3:0): error 22
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

14

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
(probe4:sbp0:0:3:0): Unretryable Error
(probe5:sbp0:0:4:0): error 22
(probe5:sbp0:0:4:0): Unretryable Error
(probe6:sbp0:0:5:0): error 22
(probe6:sbp0:0:5:0): Unretryable Error
(probe7:sbp0:0:6:0): error 22
(probe7:sbp0:0:6:0): Unretryable Error
pass0 at umass-sim0 bus 0 target 0 lun 0
pass0: <Sony MSC-U04 3.00> Removable Direct Access SCSI-0 device
pass0: Serial Number 3
pass0: 40.000MB/s transfers
(da0:umass-sim0:0:0:0): error 6
(da0:umass-sim0:0:0:0): Unretryable Error
da0 at umass-sim0 bus 0 target 0 lun 0
da0: <Sony MSC-U04 3.00> Removable Direct Access SCSI-0 device
da0: Serial Number 3
da0: 40.000MB/s transfers
da0: Attempt to query device size failed: NOT READY, Medium not present
GEOM: new disk da0
(da0:umass-sim0:0:0:0): READ CAPACITY. CDB: 25 0 0 0 0 0 0 0 0
(da0:umass-sim0:0:0:0): CAM Status: SCSI Status Error
(da0:umass-sim0:0:0:0): SCSI Status: Check Condition
(da0:umass-sim0:0:0:0): NOT READY asc:3a,0
(da0:umass-sim0:0:0:0): Medium not present
(da0:umass-sim0:0:0:0): (da0:umass-sim0:0:0:0): READ CAPACITY. CDB: 25 0 0 0 0 0 0 0 0
(da0:umass-sim0:0:0:0): NOT READY asc:3a,0
(da0:umass-sim0:0:0:0): Medium not present
Unretryable error
(da0:umass-sim0:0:0:0): error 6
(da0:umass-sim0:0:0:0): Unretryable Error
Opened disk da0 -> 6
(da0:umass-sim0:0:0:0): READ CAPACITY. CDB: 25 0 0 0 0 0 0 0 0
(da0:umass-sim0:0:0:0): CAM Status: SCSI Status Error
(da0:umass-sim0:0:0:0): SCSI Status: Check Condition
(da0:umass-sim0:0:0:0): NOT READY asc:3a,0
(da0:umass-sim0:0:0:0): Medium not present
(da0:umass-sim0:0:0:0): (da0:umass-sim0:0:0:0): READ CAPACITY. CDB: 25 0 0 0 0 0 0 0 0
(da0:umass-sim0:0:0:0): NOT READY asc:3a,0
(da0:umass-sim0:0:0:0): Medium not present
Unretryable error
(da0:umass-sim0:0:0:0): error 6
(da0:umass-sim0:0:0:0): Unretryable Error
Opened disk da0 -> 6
Trying to mount root from ufs:/dev/ad0s4a
start_init: trying /sbin/init
WARNING: attempt to net_add_domain(bluetooth) after domainfinalize()
WARNING: attempt to net_add_domain(netgraph) after domainfinalize()
acpi_ec0: info: new max delay is 11000 us
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

15

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
machine "i386"  
ident VBOOK  
maxusers 0
```

```
options SCHED_4BSD  
#options SCHED_ULE #ULE scheduler
```

```
options INCLUDE_CONFIG_FILE # Include this file in kernel
```

```
cpu "I686_CPU" # aka Pentium Pro(tm)
```

```
options COMPAT_43  
options COMPAT_FREEBSD4 # Enable FreeBSD4 compatibility syscalls
```

```
#makeoptions DEBUG=-g  
#makeoptions KERNEL=atang
```

```
device mem # Memory and kernel memory devices  
device io # I/O device
```

```
device apic  
device acpi
```

```
options INET #Internet communications protocols
```

```
device ether #Generic Ethernet  
device loop #Network loopback device  
device bpf #Berkeley packet filter
```

```
options IPFIREWALL #firewall  
options IPFIREWALL_VERBOSE #print information about dropped packets  
options IPFIREWALL_FORWARD  
#options "IPFIREWALL_VERBOSE_LIMIT=100" #limit verbosity  
options IPDIVERT #divert sockets  
options DUMMYNET
```

```
#options IPSEC  
#options IPSEC_ESP
```

```
options FFS #Fast filesystem
```

```
options PSEUDofs  
options PROCFS #Process filesystem
```

```
options SOFTUPDATES
```

```
# Allow this many swap-devices.  
device scbus #base SCSI code  
device da #SCSI direct access devices (aka disks)
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
device sa #SCSI tapes
device cd #SCSI CD-ROMs
device pass #CAM passthrough driver
options SCSI_DELAY=1000
```

```
device pty #Pseudo ttys – can go as high as 256
device speaker #Play IBM BASIC-style noises out your speaker
```

```
device md # Memory "disks"
```

```
device isa
```

```
device atkbdc
device atkbd
```

```
device psm
device vga
```

```
device sc
options MAXCONS=16 # number of virtual consoles
#options SC_DFLT_FONT # compile font in
#makeoptions SC_DFLT_FONT="cp866-vio"
options SC_HISTORY_SIZE=1024 # number of history buffer lines
#options SC_DISABLE_REBOOT # disable reboot key sequence
```

```
options SC_NO_SUSPEND_VTYSWITCH
```

```
device npx
#device aha
```

```
device ata
device atadisk # ATA disk drives
device atapicd # ATAPI CDROM drives
#device atapifd # ATAPI floppy drives
#device atapist # ATAPI tape drives
#device atapicam
```

```
#device fdc
device sio
```

```
device pci
```

```
#device apm
```

```
device smbus
device intpm
device smb
device iicbus
device iicbb
device ic
device iic
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
device iicsmb
device pmtimer
```

```
## to module
#device ppbus
#device vpo
#device lpt
#device plip
#device ppi
##device pps
#device lpbb
#device ppc
```

```
#options KTRACE #kernel tracing
options DDB
options KDB
options GDB
options BREAK_TO_DEBUGGER #a BREAK on a comconsole goes to
                          #DDB, if available.
options SC_PIXEL_MODE
```

```
# OLDCARD
#device pcic
#device card 1
```

```
# NEWCARD
# Pcmcia and cardbus bridge support
#device cbb # cardbus (yenta) bridge
#device pccard
#device cardbus
```

```
#device wlan
#device wi
```

```
device random
```

```
options _KPOSIX_PRIORITY_SCHEDULING
```

```
#device acpica
#options ACPI_DEBUG
```

```
options KBD_INSTALL_CDEV
```

```
#device uhci
#device ohci
#device usb
#device ugen
#device uhid
#device ukbd
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

```
#device ulpt
#device umass
#device ums
```

```
#device firewire
#device fwohci
#device sbp
```

```
options PREEMPTION
#options FULL_PREEMPTION
```

```
#acpi_dsdt_load="YES"
#acpi_dsdt_name="/boot/vbook.aml"
```

```
kern.hz=1000
```

```
vesa_load="yes"
```

```
snd_ich_load="yes"
```

```
usb_load="YES" # USB subsystem
ukbd_load="YES" # Keyboard
ulpt_load="YES" # Printer
ums_load="YES" # Mouse
umass_load="YES" # Mass Storage Devices
```

```
sysvmmsg_load="YES"
sysvsem_load="YES"
sysvshm_load="YES"
```

```
#cbb_load="YES"
#cardbus_load="YES"
```

```
msdosfs_load="YES"
smbfs_load="YES"
ntfs_load="YES"
```

```
ng_ubt_load="YES"
```

```
fireware_load="YES"
sbp_load="YES"
```

```
#ndis_load="YES"
#if_ndis_load="YES"
```

```
#if_iwi_load="YES"
wlan_wep_load="YES"
```

Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

freebsd-current: Re: [CALL FOR TESTERS] VESA High Resolution Console support from DragonFly

if_fxp_load="YES"

beastie_disable="YES"

acpi_sony_load="YES"

agp_load="YES"

#radeon_load="YES"

#dcons_load="YES"

#dcons_crom_load="YES"

cbb_load="YES"

pccard_load="YES"

#hw.acpi.reset_video=0

freebsd-current@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-current>

To unsubscribe, send any mail to "freebsd-current-unsubscribe@freebsd.org"