

IBM T23 laptop and APCI

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2007-04/msg02221.html>

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 - *Date:* Mon, 30 Apr 2007 18:42:28 +0200 (CEST)
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i've installed FreeBSD 6.2 on this laptop and got in dmesg as below.

what that's all ACPI bugs? are them harmful?

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FreeBSD 6.2-RELEASE #5: Sat Apr 28 17:21:42 CEST 2007

root@xxxxxxxxxxxxxxxxxxxxxx:/usr/src/sys/i386/compile/alfred

Timecounter "i8254" frequency 1193182 Hz quality 0

CPU: Mobile Intel(R) Pentium(R) III CPU - M 1000MHz (999.15-MHz 686-class CPU)

Origin = "GenuineIntel" Id = 0x6b4 Stepping = 4

Features=0x383f9ff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE36,MMX

real memory = 536215552 (511 MB)

avail memory = 514936832 (491 MB)

acpi0: <IBM TP-1A> on motherboard

acpi_ec_ecdt_probe: can't get handle

ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler

ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.INI] (Node 0xc3360420), AE_NOT_EXIST

ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler

ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT0_.STA] (Node 0xc3362c00), AE_NOT_EXIST

ACPI-0239: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT0_.STA] (Node 0xc3362c00), AE_NOT_EXIST

ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler

ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT1_.STA] (Node 0xc3362a80), AE_NOT_EXIST

ACPI-0239: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT1_.STA] (Node 0xc3362a80), AE_NOT_EXIST

acpi0: Power Button (fixed)

ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler

ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT0_.STA] (Node 0xc3362c00), AE_NOT_EXIST

ACPI-0239: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT0_.STA] (Node 0xc3362c00), AE_NOT_EXIST

ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler

ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT0_.STA] (Node

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ACPI-0239: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT0._STA] (Node 0xc3362c00), AE_NOT_EXIST
ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler
ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT1._STA] (Node 0xc3362a80), AE_NOT_EXIST
ACPI-0239: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT1._STA] (Node 0xc3362a80), AE_NOT_EXIST
ACPI-0356: *** Error: Region EmbeddedControl(3) has no handler
ACPI-1304: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT1._STA] (Node 0xc3362a80), AE_NOT_EXIST
ACPI-0239: *** Error: Method execution failed [_SB_.PCI0.LPC_.EC_.BAT1._STA] (Node 0xc3362a80), AE_NOT_EXIST
Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x1008-0x100b on acpi0
acpi_ec0: <Embedded Controller: GPE 0x1c> port 0x62,0x66 on acpi0
cpu0: <ACPI CPU> on acpi0
acpi_perf0: <ACPI CPU Frequency Control> on cpu0
acpi_lid0: <Control Method Lid Switch> on acpi0
acpi_button0: <Sleep Button> on acpi0
pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0
pci0: <ACPI PCI bus> on pcib0
agp0: <Intel 82830 host to AGP bridge> mem 0xd0000000-0xdfffffff at device 0.0 on pci0
pcib1: <ACPI PCI-PCI bridge> at device 1.0 on pci0
pci1: <ACPI PCI bus> on pcib1
pci1: <display, VGA> at device 0.0 (no driver attached)
uhci0: <Intel 82801CA/CAM (ICH3) USB controller USB-A> port 0x1800-0x181f irq 11 at device 29.0 on pci0
uhci0: [GIANT-LOCKED]
usb0: <Intel 82801CA/CAM (ICH3) 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 82801CA/CAM (ICH3) USB controller USB-B> port 0x1820-0x183f irq 11 at device 29.1 on pci0
uhci1: [GIANT-LOCKED]
usb1: <Intel 82801CA/CAM (ICH3) 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 82801CA/CAM (ICH3) USB controller USB-C> port 0x1840-0x185f irq 11 at device 29.2 on pci0
uhci2: [GIANT-LOCKED]
usb2: <Intel 82801CA/CAM (ICH3) 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
pcib2: <ACPI PCI-PCI bridge> at device 30.0 on pci0
pci2: <ACPI PCI bus> on pcib2
cbb0: <TI1420 PCI-CardBus Bridge> mem 0x50000000-0x50000fff irq 11 at device 0.0 on pci2
cardbus0: <CardBus bus> on cbb0
pccard0: <16-bit PCCard bus> on cbb0

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cbb1: <TI1420 PCI-CardBus Bridge> mem 0x51000000-0x51000fff irq 11 at device 0.1 on pci2
cardbus1: <CardBus bus> on cbb1
pccard1: <16-bit PCCard bus> on cbb1
pci2: <simple comms> at device 2.0 (no driver attached)
fxp0: <Intel 82801CAM (ICH3) Pro/100 VE Ethernet> port 0x6400-0x643f mem 0xc0200000-0xc0200fff
irq 11 at device 8.0 on pci2
miibus0: <MII bus> on fxp0
inphy0: <i82562ET 10/100 media interface> on miibus0
inphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, auto
fxp0: Ethernet address: 00:d0:59:cd:9a:d7
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <Intel ICH3 UDMA100 controller> port 0x1f0-0x1f7,0x3f6,0x170-0x177,0x376,0x1860-0x186f at
device 31.1 on pci0
ata0: <ATA channel 0> on atapci0
ata1: <ATA channel 1> on atapci0
pci0: <serial bus, SMBus> at device 31.3 (no driver attached)
pcm0: <Intel ICH3 (82801CA)> port 0x1c00-0x1cff,0x18c0-0x18ff irq 11 at device 31.5 on pci0
pcm0: <Cirrus Logic CS4299 AC97 Codec>
acpi_tz0: <Thermal Zone> on acpi0
speaker0: <PC speaker> port 0x61 on acpi0
atkbd0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
atkbd0: [GIANT-LOCKED]
psm0: <PS/2 Mouse> irq 12 on atkbd0
psm0: [GIANT-LOCKED]
psm0: model Generic PS/2 mouse, device ID 0
sio0: <16550A-compatible COM port> port 0x3f8-0x3ff irq 4 flags 0x10 on acpi0
sio0: type 16550A
ppc0: <Standard parallel printer port> port 0x3bc-0x3be irq 7 on acpi0
ppc0: Generic chipset (NIBBLE-only) in COMPATIBLE mode
ppbus0: <Parallel port bus> on ppc0
lpt0: <Printer> on ppbus0
lpt0: Interrupt-driven port
ppi0: <Parallel I/O> on ppbus0
sio1: <Generic IRDA-compatible device> port 0x2f8-0x2ff irq 3 drq 3 on acpi0
sio1: type 16550A
battery0: <ACPI Control Method Battery> on acpi0
battery1: <ACPI Control Method Battery> on acpi0
acpi_acad0: <AC Adapter> on acpi0
orm0: <ISA Option ROMs> at iomem
0xc0000-0xcdfff,0xce000-0xcefff,0xcf000-0xcffff,0xdc000-0xdffff,0xe0000-0xeffff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
umass0: Kingston DataTraveler II+, rev 2.00/1.00, addr 2
Timecounter "TSC" frequency 999153168 Hz quality 800
Timecounters tick every 1.000 msec
ipfw2 (+ip6) initialized, divert loadable, rule-based forwarding enabled, default to accept, logging limited to
25 packets/entry by default
ad0: 19077MB <IC25N020ATCS04 0 CA20A71A> at ata0-master UDMA100

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```
da0 at umass-sim0 bus 0 target 0 lun 0
da0: <Kingston DataTraveler II+ 1.13> Removable Direct Access SCSI-0 device da0: 1.000MB/s transfers
da0: 983MB (2014208 512 byte sectors: 64H 32S/T 983C)
Trying to mount root from ufs:ad0a
umass0: at uhub1 port 1 (addr 2) disconnected
(da0:umass-sim0:0:0:0): lost device
(da0:umass-sim0:0:0:0): removing device entry
umass0: detached
umass0: Kingston DataTraveler II+, rev 2.00/1.00, addr 2
da0 at umass-sim0 bus 0 target 0 lun 0
da0: <Kingston DataTraveler II+ 1.13> Removable Direct Access SCSI-0 device da0: 1.000MB/s transfers
da0: 983MB (2014208 512 byte sectors: 64H 32S/T 983C)
umass0: at uhub1 port 1 (addr 2) disconnected
(da0:umass-sim0:0:0:0): lost device
(da0:umass-sim0:0:0:0): removing device entry
umass0: detached
umass0: Kingston DataTraveler II+, rev 2.00/1.00, addr 2
da0 at umass-sim0 bus 0 target 0 lun 0
da0: <Kingston DataTraveler II+ 1.13> Removable Direct Access SCSI-0 device da0: 1.000MB/s transfers
da0: 983MB (2014208 512 byte sectors: 64H 32S/T 983C)
umass0: at uhub1 port 1 (addr 2) disconnected
(da0:umass-sim0:0:0:0): lost device
(da0:umass-sim0:0:0:0): removing device entry
umass0: detached
umass0: Kingston DataTraveler II+, rev 2.00/1.00, addr 2
da0 at umass-sim0 bus 0 target 0 lun 0
da0: <Kingston DataTraveler II+ 1.13> Removable Direct Access SCSI-0 device da0: 1.000MB/s transfers
da0: 983MB (2014208 512 byte sectors: 64H 32S/T 983C)
pccard0: Allocation failed for cfe 7
pccard0: Allocation failed for cfe 15
sio4: <Novatel Wireless Merlin UMTS Modem> at port 0x3e8-0x3ef irq 11 function 0 config 23 on pccard0
sio4: type 16550A
sio4: unable to activate interrupt in fast mode - using normal mode
pccard0: Allocation failed for cfe 7
pccard0: Allocation failed for cfe 15
sio5: <Novatel Wireless Merlin UMTS Modem> at port 0x2e8-0x2ef irq 11 function 1 config 23 on pccard0
sio5: type 16550A
sio5: unable to activate interrupt in fast mode - using normal mode
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