

# linux-2.6.0-test6 and apm

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-09/7716.html>

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**From:** Andrejs Dubovskis (*tux.nospam\_at\_lmt.lv*)

**Date:** 09/30/03

Date: Tue, 30 Sep 2003 17:28:30 +0300

To: linux-kernel@vger.kernel.org

Hi!

I have installed last kernel on ThinkPad T40, Redhat 9.0 and found problem with apm module (the same problem was on 2.6-test5 too).

To minimize other program influence I have loaded system in single mode (no daemons and network) and executed following two commands:

```
# modprobe apm
# modprobe -r apm
```

When running second comand (module unloading) I got an Oops.

Oops description and other requested information are attached.

Regards,

--

Andrejs

(to reply remove .nospam)

Unable to handle kernel paging request at virtual address d08b643c

printing eip:

d08b643c

\*pde = 0134a067

\*pte = 00000000

Oops: 0000 [#1]

CPU: 0

EIP: 0060:[<d08b643c>] Not tainted

EFLAGS: 00010246

EIP is at 0xd08b643c

eax: 00000000 ebx: fffc5016 ecx: 00000000 edx: 00000000

esi: c0398000 edi: 00000010 ebp: c0399fc4 esp: c0399fb0

ds: 007b es: 007b ss: 0068

Process swapper (pid: 0, threadinfo=c0398000 task=c031e080)

Stack: c0398000 00000001 c0398000 c01070c9 c0105000 c0399fd4 c0107161 c0398000

00099800 c0399ff8 c039a6bd c031e080 00000000 c03b45c8 00000007 c039a43f

c03b9d80 00000816 0008e000 c010017e

Call Trace:

[<c01070c9>] default\_idle+0x0/0x2c

[<c0105000>] rest\_init+0x0/0x61

[<c0107161>] cpu\_idle+0x31/0x3a

[<c039a6bd>] start\_kernel+0x150/0x15d

## Linux-Kernel: linux-2.6.0-test6 and apm

```
[<c039a43f>] unknown_bootoption+0x0/0xfa  
Code: Bad EIP value.  
<0>Kernel panic: Attempted to kill the idle task!  
In idle task - not syncing
```

```
# cat /proc/cpuinfo
```

```
processor : 0  
vendor_id : GenuineIntel  
cpu family : 6  
model : 9  
model name : Intel(R) Pentium(R) M processor 1500MHz  
stepping : 5  
cpu MHz : 1495.485  
cache size : 1024 KB  
fdiv_bug : no  
hlt_bug : no  
f00f_bug : no  
coma_bug : no  
fpu : yes  
fpu_exception : yes  
cpuid level : 2  
wp : yes  
flags : fpu vme de pse tsc msr mce cx8 apic sep mtrr pge mca cmov pat clflush dts acpi mmx fxsr sse sse2 tm  
pbe tm2 est  
bogomips : 2957.31
```

```
# ver_linux
```

If some fields are empty or look unusual you may have an old version.  
Compare to the current minimal requirements in Documentation/Changes.

```
Linux adunb.td.lmt.lv 2.6.0-test6 #1 Tue Sep 30 16:05:55 EEST 2003 i686 i686 i386 GNU/Linux
```

```
Gnu C 3.2.2  
Gnu make 3.79.1  
util-linux 2.11y  
mount 2.11y  
e2fsprogs 1.32  
jfsutils 1.0.17  
reiserfsprogs 3.6.4  
pcmcia-cs 3.1.31  
quota-tools 3.06.  
PPP 2.4.1  
isd4k-utils 3.1pre4  
nfs-utils 1.0.1  
Linux C Library 2.3.2  
Dynamic linker (ldd) 2.3.2  
Procps 2.0.11  
Net-tools 1.60  
Kbd 1.08  
Sh-utils 4.5.3  
Modules Loaded rtc
```

```
linux-2.6.0-test6 and apm
```

## Linux–Kernel: linux–2.6.0–test6 and apm

```
Linux version 2.6.0–test6 (andrejs@adunb.td.lmt.lv) (gcc version 3.2.2 20030222 (Red Hat Linux 3.2.2–5))
#1 Tue Sep 30 16:05:55 EEST 2003
# cat /proc/modules
rtc 10920 1 – Live 0xd0872000
# cat /proc/ioports
0000–001f : dma1
0020–0021 : pic1
0040–005f : timer
0060–006f : keyboard
0070–0077 : rtc
0080–008f : dma page reg
00a0–00a1 : pic2
00c0–00df : dma2
00f0–00ff : fpu
0170–0177 : ide1
01f0–01f7 : ide0
02f8–02ff : serial
0376–0376 : ide1
03c0–03df : vga+
03f6–03f6 : ide0
0cf8–0cff : PCI conf1
1800–181f : 0000:00:1d.0
 1800–181f : uhci–hcd
1820–183f : 0000:00:1d.1
 1820–183f : uhci–hcd
1840–185f : 0000:00:1d.2
 1840–185f : uhci–hcd
1860–186f : 0000:00:1f.1
 1860–1867 : ide0
 1868–186f : ide1
1880–189f : 0000:00:1f.3
18c0–18ff : 0000:00:1f.5
1c00–1cff : 0000:00:1f.5
2000–207f : 0000:00:1f.6
2400–24ff : 0000:00:1f.6
3000–3fff : PCI Bus #01
 3000–30ff : 0000:01:00.0
8000–803f : 0000:02:01.0
 8000–803f : e1000
9000–900f : 0000:09:01.0
9010–9013 : 0000:09:01.0
9014–9017 : 0000:09:01.0
9018–901f : 0000:09:01.0
9020–9027 : 0000:09:01.0
# cat /proc/iomem
00000000–0009efff : System RAM
0009f000–0009ffff : reserved
000a0000–000bffff : Video RAM area
000d0000–000d0fff : Extension ROM
000d1000–000d1fff : Extension ROM
000d2000–000d3fff : reserved
```

Linux-Kernel: linux-2.6.0-test6 and apm

```
000e0000-000effff : Extension ROM
000f0000-000fffff : System ROM
00100000-0ff4ffff : System RAM
  00100000-002d8bdf : Kernel code
  002d8be0-00396d7f : Kernel data
0ff50000-0ff68fff : ACPI Tables
0ff69000-0ff7afff : ACPI Non-volatile Storage
0ff80000-0ffffff : reserved
10000000-100003ff : 0000:00:1f.1
b0000000-b0000fff : 0000:02:00.0
b1000000-b1000fff : 0000:02:00.1
b2000000-b2000fff : 0000:09:02.0
b3000000-b3000fff : 0000:09:02.1
c0000000-c00003ff : 0000:00:1d.7
  c0000000-c00003ff : ehci_hcd
c0000800-c00008ff : 0000:00:1f.5
  c0000800-c00008ff : Intel 82801DB-ICH4 - Controller
c0000c00-c0000dff : 0000:00:1f.5
  c0000c00-c0000dff : Intel 82801DB-ICH4 - AC'97
c0100000-c01fffff : PCI Bus #01
  c0100000-c010ffff : 0000:01:00.0
c0200000-c020ffff : 0000:02:01.0
  c0200000-c020ffff : e1000
c0210000-c0210fff : 0000:02:02.0
c0220000-c023ffff : 0000:02:01.0
  c0220000-c023ffff : e1000
d0000000-dfffffff : 0000:00:00.0
e0000000-e7ffffff : PCI Bus #01
  e0000000-e7ffffff : 0000:01:00.0
ff800000-ffffffff : reserved
# lspci -vvv
00:00.0 Host bridge: Intel Corp.: Unknown device 3340 (rev 03)
  Subsystem: IBM: Unknown device 0529
  Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+
FastB2B-
  Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort+
>SERR- <PERR-
  Latency: 0
  Region 0: Memory at d0000000 (32-bit, prefetchable) [size=256M]
  Capabilities: [e4] #09 [f104]
  Capabilities: [a0] AGP version 2.0
    Status: RQ=31 SBA+ 64bit- FW+ Rate=x1,x2,x4
    Command: RQ=0 SBA- AGP- 64bit- FW- Rate=x1

00:01.0 PCI bridge: Intel Corp.: Unknown device 3341 (rev 03) (prog-if 00 [Normal decode])
  Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+
FastB2B-
  Status: Cap- 66Mhz+ UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort-
>SERR- <PERR-
  Latency: 96
  Bus: primary=00, secondary=01, subordinate=01, sec-latency=64
```

Linux-Kernel: linux-2.6.0-test6 and apm

I/O behind bridge: 00003000-00003fff  
Memory behind bridge: c0100000-c01fffff  
Prefetchable memory behind bridge: e0000000-e7ffffff  
BridgeCtl: Parity- SERR- NoISA+ VGA+ MAbort- >Reset- FastB2B-

00:1d.0 USB Controller: Intel Corp. 82801DB USB (Hub #1) (rev 01) (prog-if 00 [UHCI])  
Subsystem: IBM: Unknown device 052d  
Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-  
Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 0  
Interrupt: pin A routed to IRQ 11  
Region 4: I/O ports at 1800 [size=32]

00:1d.1 USB Controller: Intel Corp. 82801DB USB (Hub #2) (rev 01) (prog-if 00 [UHCI])  
Subsystem: IBM: Unknown device 052d  
Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-  
Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 0  
Interrupt: pin B routed to IRQ 11  
Region 4: I/O ports at 1820 [size=32]

00:1d.2 USB Controller: Intel Corp. 82801DB USB (Hub #3) (rev 01) (prog-if 00 [UHCI])  
Subsystem: IBM: Unknown device 052d  
Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-  
Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 0  
Interrupt: pin C routed to IRQ 11  
Region 4: I/O ports at 1840 [size=32]

00:1d.7 USB Controller: Intel Corp. 82801DB USB EHCI Controller (rev 01) (prog-if 20 [EHCI])  
Subsystem: IBM: Unknown device 052e  
Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+  
FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 0  
Interrupt: pin D routed to IRQ 11  
Region 0: Memory at c0000000 (32-bit, non-prefetchable) [size=1K]  
Capabilities: [50] Power Management version 2  
Flags: PMEClk- DSI- D1- D2- AuxCurrent=375mA PME(D0+,D1-,D2-,D3hot+,D3cold+)  
Status: D0 PME-Enable- DSel=0 DScale=0 PME-  
Capabilities: [58] #0a [2080]

00:1e.0 PCI bridge: Intel Corp. 82801BAM/CAM PCI Bridge (rev 81) (prog-if 00 [Normal decode])  
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+

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FastB2B-

Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=fast >TAbort- <TAbort- <MAbort-  
>SERR- <PERR+

Latency: 0

Bus: primary=00, secondary=02, subordinate=0f, sec-latency=64

I/O behind bridge: 00004000-00009fff

Memory behind bridge: c0200000-cfffffff

Prefetchable memory behind bridge: e8000000-efffffff

BridgeCtl: Parity- SERR- NoISA+ VGA- MAbort- >Reset- FastB2B-

00:1f.0 ISA bridge: Intel Corp.: Unknown device 24cc (rev 01)

Control: I/O+ Mem+ BusMaster+ SpecCycle+ MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-

Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-

Latency: 0

00:1f.1 IDE interface: Intel Corp.: Unknown device 24ca (rev 01) (prog-if 8a [Master SecP PriP])

Subsystem: IBM: Unknown device 052d

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-

Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-

Latency: 0

Interrupt: pin A routed to IRQ 11

Region 0: I/O ports at <unassigned>

Region 1: I/O ports at <unassigned>

Region 2: I/O ports at <unassigned>

Region 3: I/O ports at <unassigned>

Region 4: I/O ports at 1860 [size=16]

Region 5: Memory at 10000000 (32-bit, non-prefetchable) [size=1K]

00:1f.3 SMBus: Intel Corp. 82801DB SMBus (rev 01)

Subsystem: IBM: Unknown device 052d

Control: I/O+ Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-

Status: Cap- 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-

Interrupt: pin B routed to IRQ 11

Region 4: I/O ports at 1880 [size=32]

00:1f.5 Multimedia audio controller: Intel Corp. 82801DB AC'97 Audio (rev 01)

Subsystem: IBM: Unknown device 0537

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR-  
FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-

Latency: 0

Interrupt: pin B routed to IRQ 11

Region 0: I/O ports at 1c00 [size=256]

Region 1: I/O ports at 18c0 [size=64]

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Region 2: Memory at c0000c00 (32-bit, non-prefetchable) [size=512]

Region 3: Memory at c0000800 (32-bit, non-prefetchable) [size=256]

Capabilities: [50] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=375mA PME(D0+,D1-,D2-,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

00:1f.6 Modem: Intel Corp. 82801DB AC'97 Modem (rev 01) (prog-if 00 [Generic])

Subsystem: IBM: Unknown device 0525

Control: I/O+ Mem- BusMaster- SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR- FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Interrupt: pin B routed to IRQ 11

Region 0: I/O ports at 2400 [size=256]

Region 1: I/O ports at 2000 [size=128]

Capabilities: [50] Power Management version 2

Flags: PMEClk- DSI- D1- D2- AuxCurrent=375mA PME(D0+,D1-,D2-,D3hot+,D3cold+)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

01:00.0 VGA compatible controller: ATI Technologies Inc Radeon Mobility M7 LW [Radeon Mobility 7500] (prog-if 00 [VGA])

Subsystem: IBM: Unknown device 0530

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping+ SERR+ FastB2B+

Status: Cap+ 66Mhz+ UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 66 (2000ns min), cache line size 08

Interrupt: pin A routed to IRQ 11

Region 0: Memory at e0000000 (32-bit, prefetchable) [size=128M]

Region 1: I/O ports at 3000 [size=256]

Region 2: Memory at c0100000 (32-bit, non-prefetchable) [size=64K]

Expansion ROM at <unassigned> [disabled] [size=128K]

Capabilities: [58] AGP version 2.0

Status: RQ=47 SBA+ 64bit- FW- Rate=x1,x2,x4

Command: RQ=0 SBA+ AGP- 64bit- FW- Rate=<none>

Capabilities: [50] Power Management version 2

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

02:00.0 CardBus bridge: Texas Instruments PCI1250 PC card Cardbus Controller (rev 01)

Subsystem: IBM ThinkPad T30

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+ FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 64, cache line size 08

Interrupt: pin A routed to IRQ 11

Region 0: Memory at b0000000 (32-bit, non-prefetchable) [size=4K]

Bus: primary=02, secondary=12, subordinate=15, sec-latency=176

Memory window 0: ffff0000-00000000 (prefetchable)

Memory window 1: 00000000-00000000 (prefetchable)

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I/O window 0: 00000000-00000003  
I/O window 1: 00000000-00000003  
BridgeCtl: Parity- SERR- ISA- VGA- MAbort- >Reset+ 16bInt+ PostWrite-  
16-bit legacy interface ports at 0001

02:00.1 CardBus bridge: Texas Instruments PCI1250 PC card Cardbus Controller (rev 01)  
Subsystem: IBM ThinkPad T30  
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+  
FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 64, cache line size 08  
Interrupt: pin B routed to IRQ 11  
Region 0: Memory at b1000000 (32-bit, non-prefetchable) [size=4K]  
Bus: primary=02, secondary=16, subordinate=19, sec-latency=176  
Memory window 0: ffff0000-00000000 (prefetchable)  
Memory window 1: 00000000-00000000 (prefetchable)  
I/O window 0: 00000000-00000003  
I/O window 1: 00000000-00000003  
BridgeCtl: Parity- SERR- ISA- VGA- MAbort- >Reset+ 16bInt+ PostWrite-  
16-bit legacy interface ports at 0001

02:01.0 Ethernet controller: Intel Corp.: Unknown device 101e (rev 03)  
Subsystem: IBM: Unknown device 0549  
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+  
FastB2B-  
Status: Cap+ 66Mhz+ UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 64 (63750ns min), cache line size 08  
Interrupt: pin A routed to IRQ 11  
Region 0: Memory at c0220000 (32-bit, non-prefetchable) [size=128K]  
Region 1: Memory at c0200000 (32-bit, non-prefetchable) [size=64K]  
Region 2: I/O ports at 8000 [size=64]  
Expansion ROM at <unassigned> [disabled] [size=64K]  
Capabilities: [dc] Power Management version 2  
Flags: PMEClk- DSI+ D1- D2- AuxCurrent=0mA PME(D0+,D1-,D2-,D3hot+,D3cold+)  
Status: D0 PME-Enable- DSel=0 DScale=1 PME-  
Capabilities: [f0] Message Signalled Interrupts: 64bit+ Queue=0/0 Enable-  
Address: 0000000000000000 Data: 0000

02:02.0 Network controller: Intel Corp.: Unknown device 1043 (rev 04)  
Subsystem: Intel Corp.: Unknown device 2551  
Control: I/O- Mem+ BusMaster+ SpecCycle- MemWINV+ VGASnoop- ParErr- Stepping- SERR+  
FastB2B-  
Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort-  
>SERR- <PERR-  
Latency: 64 (500ns min, 8500ns max), cache line size 08  
Interrupt: pin A routed to IRQ 11  
Region 0: Memory at c0210000 (32-bit, non-prefetchable) [size=4K]  
Capabilities: [dc] Power Management version 2  
Flags: PMEClk- DSI- D1- D2- AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

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Status: D0 PME-Enable- DSel=0 DScale=1 PME-

02:03.0 PCI bridge: Texas Instruments PCI2032 PCI Docking Bridge (prog-if 01 [Subtractive decode])  
Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+ FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 64, cache line size 08

Bus: primary=02, secondary=09, subordinate=0f, sec-latency=68

I/O behind bridge: 00000000-00000fff

Memory behind bridge: 00000000-000fffff

Prefetchable memory behind bridge: 00000000-000fffff

BridgeCtl: Parity- SERR- NoISA+ VGA- MAbort- >Reset- FastB2B-

Capabilities: [80] Power Management version 1

Flags: PMEClk- DSI- D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=0 PME-

Bridge: PM- B3+

09:01.0 IDE interface: CMD Technology Inc PCI0648 (rev 01) (prog-if 8f [Master SecP SecO PriP PriO])

Subsystem: CMD Technology Inc PCI0648

Control: I/O+ Mem- BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+ FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B+ ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 64 (500ns min, 1000ns max)

Interrupt: pin A routed to IRQ 11

Region 0: I/O ports at 9020 [size=8]

Region 1: I/O ports at 9014 [size=4]

Region 2: I/O ports at 9018 [size=8]

Region 3: I/O ports at 9010 [size=4]

Region 4: I/O ports at 9000 [size=16]

Capabilities: [60] Power Management version 1

Flags: PMEClk- DSI+ D1+ D2+ AuxCurrent=0mA PME(D0-,D1-,D2-,D3hot-,D3cold-)

Status: D0 PME-Enable- DSel=0 DScale=3 PME-

09:02.0 CardBus bridge: Texas Instruments PCI1420

Subsystem: IBM: Unknown device 0148

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+ FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 64, cache line size 08

Interrupt: pin A routed to IRQ 11

Region 0: Memory at b2000000 (32-bit, non-prefetchable) [size=4K]

Bus: primary=09, secondary=0a, subordinate=0d, sec-latency=176

Memory window 0: ffff0000-00000000 (prefetchable)

Memory window 1: 00000000-00000000 (prefetchable)

I/O window 0: 00000000-00000003

I/O window 1: 00000000-00000003

BridgeCtl: Parity- SERR- ISA- VGA- MAbort- >Reset+ 16bInt+ PostWrite-

16-bit legacy interface ports at 0001

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09:02.1 CardBus bridge: Texas Instruments PCI1420

Subsystem: IBM: Unknown device 0148

Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr- Stepping- SERR+ FastB2B-

Status: Cap+ 66Mhz- UDF- FastB2B- ParErr- DEVSEL=medium >TAbort- <TAbort- <MAbort- >SERR- <PERR-

Latency: 64, cache line size 08

Interrupt: pin A routed to IRQ 11

Region 0: Memory at b3000000 (32-bit, non-prefetchable) [size=4K]

Bus: primary=09, secondary=0e, subordinate=11, sec-latency=176

Memory window 0: ffff0000-00000000 (prefetchable)

Memory window 1: 00000000-00000000 (prefetchable)

I/O window 0: 00000000-00000003

I/O window 1: 00000000-00000003

BridgeCtl: Parity- SERR- ISA- VGA- MAbort- >Reset+ 16bInt+ PostWrite-  
16-bit legacy interface ports at 0001

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