

Re: Sound, Fedora 8, On Toshiba Satellite P107-S6147

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-12/msg01073.html>

- *From:* Robert L Cochran <cochranb@xxxxxxxxxxxxxxxx>
 - *Date:* Fri, 07 Dec 2007 20:45:39 -0500
-

Rick Stevens wrote:

On Fri, 2007-12-07 at 19:59 -0500, Robert L Cochran wrote:

Rick Stevens wrote:

On Fri, 2007-12-07 at 19:17 -0500, Robert L Cochran wrote:

Mikkel L. Ellertson wrote:

Robert L Cochran wrote:

I have a
Toshiba
Satellite
P105-S6147
laptop with
a standard
Fedora 8
installation
(except for
the madwifi
driver set)
and the
sound on it
doesn't
seem to
work. I get
kernel
messages
like this,
and a Skype
test
call doesn't
work.

Dec 7

Re: Sound, Fedora 8, On Toshiba Satellite P107-S6147

```
17:42:04
eng2
pulseaudio[2949]:
alsa-util.c:
Device
hw:0
doesn't
support
44100 Hz,
changed to
48000 Hz.
Dec 7
17:42:04
eng2
pulseaudio[2949]:
alsa-util.c:
Device
hw:0
doesn't
support
44100 Hz,
changed to
48000 Hz.
Dec 7
17:42:04
eng2
pulseaudio[2949]:
alsa-util.c:
Cannot find
mixer
control
"Capture".
```

Any
suggestions
for how to
fix this?

Thanks

It would help to know what
audio the laptop has. You
may need to add
an option to
/etc/modprobe.conf to
specify the configuration
used.

Mikkel

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Here is the audio device from lspci -vb:

```
00:1b.0 Audio device: Intel Corporation
82801G (ICH7 Family) High Definition
Audio Controller (rev 02)
Subsystem: Toshiba America Info Systems
AC97 Data Fax SoftModem with SmartCP
Flags: bus master, fast devsel, latency 0,
IRQ 11
Memory at 00000000d0340000 (64-bit,
non-prefetchable)
Capabilities: [50] Power Management
version 2
Capabilities: [60] Message Signalled
Interrupts: Mask- 64bit+ Queue=0/0
Enable-
Capabilities: [70] Express Unknown type
IRQ 0
```

Here is the modprobe.conf:

```
cat /etc/modprobe.conf

alias eth0 e100
alias scsi_hostadapter libata
alias scsi_hostadapter1 ata_piix
alias scsi_hostadapter2 qllogic_cs
alias snd-card-0 snd-hda-intel
options snd-card-0 index=0
options snd-hda-intel index=0
```

Any suggestions are appreciated.

Thanks very much!

Can you run

```
cat /proc/asound/card0/codec#* | grep Codec
```

and post the results? This helps us sort out which of the
plethora of
IHC7 cards you have.

Hi Rick,

```
cat /proc/asound/card0/codec#* | grep Codec
Codec: Conexant CX20549 (Venice)
```

I hope this helps?

Well, according to that, it's only seeing the modem part of your sound card. It's not seeing the audio bit (and I should have caught that from your lspci output).

So, something is very weird. I think F8 uses alsa 1.0.15 and it should detect the chipset. The on-board sound is enabled in the BIOS, right?

Hi Rick,

The laptop model is actually a P105-S6147, not a P107-S6147 as my subject line is erroneously stating. I had recently done a BIOS update to BIOS version 4.00 for this machine. When I looked in the BIOS options, I couldn't find one for enabling on-board sound. And I can't remember whether I tested the audio under Windows Vista before, or after, I did the BIOS update. I think it was before.

Also, I'm fairly certain there is only one keyboard shortcut for the audio, Fn—and a little graphic for speakers, which seems to mute the "Master" control or turn it back on. I'll double-check the documentation. Pulseaudio is still complaining that it can't find the "Capture" control.

Could I have made a mess of the audio with the BIOS update? Perhaps I should backgrade the BIOS.

Bob

– Rick Stevens, Principal Engineer rstevens@xxxxxxxxxxxx –
– CDN Systems, Internap, Inc. <http://www.internap.com> –
– –
– A day for firm decisions!!! Well, then again, maybe not! –

—
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