

## Re: Universal sound card?

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  - *Date:* Fri, 30 May 2008 08:52:25 +0200
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mike wrote:

<big snip – please learn to trim your posts>

Shoulda read this first, cause Ubuntu 8.04 is what I was downloading.  
Here's what happened:

Decided to install within windows on a laptop. Seemed to be the lowest risk solution.

Although this is an option, it is definitely one I do not recommend, because installing it into a Windows filesystem requires that an emulation layer is used in between the Linux-native filesystem used by Ubuntu – presumably /ext3/ – and the Windows filesystem.

Believe it or not, but this kind of approach really bogs down your performance as it keeps the kernel busy translating the filesystem I/O all the time.

Stuck in the Cd and clicked install. Sorry, charlie, you need 256MB of ram...but I HAVE 256 MB of ram.

I don't really know the technicalities of an install to a file in a Windows partition, but as I wrote higher up, this step requires an extra translation layer which may eat up some of the memory seen by the kernel.

On the other hand, the kernel may even presume that there is less memory in the system than there physically is, due to some memory addresses possibly being mapped out as bad pages – in this case, the kernel will mark them as "in use" by a dummy process, so that none of the real processes can use those addresses.

Mind you that Windows will not report any bad memory addresses until it tries to use them, because Windows does not perform any hardware indexing or hardware sanity checks.

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Tried another computer... same problem.

Did you also install it inside a Windows partition there? This is important.

Fortunately, I had another computer and could google for the answer.