

Re: Dell Dimension 4600C cpu fan dead.

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- *From:* Jeff Liebermann <jeffl@xxxxxxxxxxx>
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On Sun, 20 Jul 2008 16:25:55 -0700, "David Farber"
<farberbear.unspam@xxxxxxxx> wrote:

I'm servicing a Dell Dimension 4600 which is shutting down after about 5 minutes.

Look for bulging and leaking electrolytic capacitors around the CPU area.

<<http://www.badcaps.net>>

The next time the PC boots, it gives a warning that the previous time it shut down was due to a thermal problem. That led me to notice that the CPU fan wasn't turning. The part number of the fan is 9G180. Inside the fan housing is a small two terminal device. It measures about 6.3k ohms. Is this an open fusible link, a thermistor, or something else?

It's a thermistor. It controls the fan speed and exhaust air temp.

There are quite a few replacment fans available on eBay. For example:
<<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=200240190933>>
\$14 with shroud. Replace.

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