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Subject: Re: NaN Magic or Why Me?!

Posted by [David Fanning](#) on Wed, 14 Nov 2007 17:56:16 GMT

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Rick Towler writes:

- > Since your code runs fine on 2 out of 3 computers the problem most likely
- > is hardware based. Since you've swapped your SO-DIMM, and this is a
- > laptop, you don't have many options left.
- >
- > RAM->BIOS->Heat->Power
- >
- > Even late in a processor's life cycle, there are a number of "errata"
- > that exist. Generally workarounds are implemented either in the BIOS or
- > in the OS. I would get the latest BIOS available for your laptop.
- > Also, try disabling hyperthreading in the BIOS. You never know...
- >
- > If your processor has active cooling ensure that the fan and heatsink
- > are clean and that the fan spins freely. If this is an actual P4 650
- > "Prescott", aka Pres-Hot, heat is a real issue. Stick it in the
- > refrigerator while you test it.
- >
- > Power issues are tricky to diagnose in laptops but if the above steps
- > don't help, and you tend to get errors while the system is loaded, there
- > could be components in your AC/DC adapter or the regulators on the
- > mainboard that are marginal. All you really can do is look for obvious
- > defects like bulging or leaking capacitors or swap the adapter if you can.

I wonder if this is the appropriate time to mention that those new Macs look pretty darn good! :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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