Dave Anderson wrote on Sun, 14 October 2007 23:45Some of you here are very good at troubleshooting this kind of stuff so here we go.

An Intel Pentium 4 processor has thermal control built into it at a micro level. Meaning, if it gets to hot it will slow itself down. Along with that, my motherboard has thermal control and will shutdown if the CPU gets too hot. CPU failure doesn't seem likely.

I have had this CPU overclocked for a long time now, but not sure if its been over a year. Its been OC'd from 2.80GHz to 3.50GHz running stable with no hiccups for the duration of its OC'd life.

Today I thought I'd push it to 4.0GHz knowing about all of the supposed CPU thermal control I have. I had it up to 3.801GHz (a multiplier of 21 x 181). It worked. I went up to 21x189 (3.960GHz) and that's where my computer failed to boot up.

My motherboard has CrashFree BIOS, meaning I can shutdown my computer and the BIOS will reset itself if it knows there was an overclocking failure. This did not happen. I reset the CMOS, turned on my PC, still, nothing.

So then I took out two of my memory modules leaving my two new 1GiB modules in, turned on the PC, still, nothing.

Symptoms...

1. Everything internally gets power (fans, hard disks, cd/dvd drives, etc)
2. CPU Fan and all other fans run fine.
3. No beeping.
4. Does NOT reach POST.
5. Keyboard and mouse do NOT get power.

I have a feeling I killed my CPU, but I'm not sure. It could be a part of the motherboard that gave out, but dear god if that happened I'm screwed.

Okay I will make myself quite clear DUDE, YOU ARE INDEED SCREWED!