

---

Subject: Re: need help with hardware

Posted by [Romaner](#) on Wed, 07 Nov 2007 20:57:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

the 400w psu was a bottom of the line one. and after reading the manual and being told to go no lower than 500w i decided there is no point in powering it on and stressing it even more. also from what i remember from my electrical courses in college.

the capacitors on the board are meant to stabilize the waveform of the voltage and the current. so then the most likely reason for the board to be overheating while working in under wattage condition is because the capacitors are working way to hard to stabilize the rectified dc, and my shitty psu isnt capable of supplying constant wattage/ voltage.

so i came to the conclusion that im actually frying the board by running it in this condition, and making it overheat because of the extra work all the components are doing.

and i dont want to loose this mobo so thats why i decided to not even bother powering it on with this psu. instead im going to power it on when i get home tonight and having it connected to the new psu that i have in this sonata case.

then i will be free to perform all the stress tests and observations i need.

---