Subject: Computer Overheating.
Posted by Renerage on Thu, 09 Feb 2006 21:00:10 GMT
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Listen to this one.

Playing renegade, hear a funny siren sound coming from the tower.
Boom, shuts off. I dont know what I did, so i turn it on, funny siren sound a gain. Im like, wtf.

So I pop her open, take a look and see that the main CPU fan is dusty, i take her apart, give her a nice cleaning, pop her where she should be and watch this time ot the startup.

It seems the fan goes at like 700 RPM when it should be usually doing 3500 (when we first bought it) They think its the "coolant chip" but im not convinced. No viruses, brand new, 3000$ computer i dont see why it would do this to me.

IT the fan, definately. When i kick it (wrong thing to do but i was mad) It will boot up to abour 2500 RPM for about 2 minutes, then die to 300-400 RPM
Any ideas? I downloaded Mother Board Moniter 5 and it works great, it shows my the temp of my CPU at crashes.

It reaches 100 Degrees C
Yes, Celcius by what it says.

I wanna fix this, but i dont want to take it 15 miles to get it reapaired, any ideas?

Subject: Re: Computer Overheating.
Posted by icedog90 on Fri, 10 Feb 2006 05:01:45 GMT
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Yeah. Get a new CPU fan.

Subject: Re: Computer Overheating.
Posted by Renerage on Fri, 10 Feb 2006 05:50:50 GMT
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icedog90 wrote on Fri, 10 February 2006 00:01Yeah. Get a new CPU fan.

How much roughly will this cost, and will I need to dwnld anything to make it work properly?
What would make it stop working like this?

Subject: Re: Computer Overheating.

Posted by icedog90 on Fri, 10 Feb 2006 06:03:26 GMT

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lol... you don't need to install any software to use a CPU fan.

Your CPU fan is just trash, and a new one could easily be $10. Don't even bother fixing it.

Subject: Re: Computer Overheating.
Posted by Renerage on Fri, 10 Feb 2006 06:15:29 GMT

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icedog90 wrote on Fri, 10 February 2006 01:03lol... you don't need to install any software to use a CPU fan.

Your CPU fan is just trash, and a new one could easily be $10. Don't even bother fixing it.

Ty, ill try this tomorrow. Hell, i might get one for free if im lucky Thanks man. You help alot.

Subject: Re: Computer Overheating.
Posted by xtaro on Fri, 10 Feb 2006 16:03:48 GMT

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From what you said about the temperature your CPU's life probably has been shortened. When it heats up that much its like putting the processor under extreme overclock conditions. Get the new fan, and get the most efficient one you can, you don't want to buy a new processor.

Subject: Re: Computer Overheating.
Posted by Renerage on Fri, 10 Feb 2006 17:05:03 GMT

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Dude, you just scared me.

Subject: Re: Computer Overheating.
Posted by icedog90 on Fri, 10 Feb 2006 20:30:19 GMT

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By the time it fries you'll be a new computer anyway. I've messed mine up many times by accident and it's still stable.

Subject: Re: Computer Overheating.
Posted by Nineball on Sat, 11 Feb 2006 06:01:13 GMT
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What CPU do you have, exactly?
Some processors, like Prescot-core processors, run around 80c on average.

Subject: Re: Computer Overheating.
Posted by Renerage on Sat, 11 Feb 2006 06:05:03 GMT
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Nineball wrote on Sat, 11 February 2006 01:01What CPU do you have, exactly?
Some processors, like Prescot-core processors, run around 80c on average.

Where do i check thaT?

Subject: Re: Computer Overheating.
Posted by icedog90 on Sat, 11 Feb 2006 08:29:12 GMT
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Start > Run > dxdiag

Subject: Re: Computer Overheating.
Posted by Renerage on Sat, 11 Feb 2006 15:29:54 GMT
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icedog90 wrote on Sat, 11 February 2006 03:29Start > Run > dxdiag

HEres all my specs

Time of this report: 2/11/2006, 10:28:21
      Machine name:
   Operating System: Windows XP Professional (5.1, Build 2600) Service Pack 2
(2600.xpsp_sp2_gdr.050301-1519)
         Language: English (Regional Setting: English)
System Manufacturer: INTEL_
     System Model: D915GAV_
            BIOS: BIOS Date: 01/28/05 08:09:47 Ver: 08.00.10
        Processor: Intel(R) Pentium(R) 4 CPU 2.93GHz
          Memory: 510MB RAM
        Page File: 378MB used, 867MB available
       Windows Dir: C:\WINDOWS

DirectX Version: DirectX 9.0c (4.09.0000.0904)
DX Setup Parameters: Not found
   DxDiag Version: 5.03.2600.2180 32bit Unicode

Subject: Re: Computer Overheating.
Posted by Nineball on Sun, 12 Feb 2006 01:02:28 GMT
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That is a Socket 775, which means that it is a Prescott-core P4.
That kind of temperature is normal for a Prescott, nothing big to worry about, although I would really reccomend getting Arctic Silver 5 and a better heatsink.

Subject: Re: Computer Overheating.
Posted by Jecht on Sun, 12 Feb 2006 15:40:24 GMT
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Check your wiring too. If your wires aren't uniform they could make it so the heat can't escape the case as well, forming a heat pocket. I just had that problem.

Subject: Re: Computer Overheating.
Posted by mision08 on Wed, 08 Mar 2006 01:37:39 GMT
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Return to the manufacturer. You don't sound like a person who knows how to set a heatsink with Arctic Silver. 100C is way to hot for any CPU, even a P4. Im surprised the MOBO didn't burn up aswell. Anyway, did you remove the fan from the heatsink, or did you take the heatsink from the chip? What the hell is a "coolant chip" anyway? If you removed the heatsink from the cpu, you need to clean both with acetone, use coffee filters for rags, and use AS on install. If it's under warranty you should return to the manufacturer.

Subject: Re: Computer Overheating.
Posted by CarrierII on Thu, 09 Mar 2006 12:07:08 GMT
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Buy a heatsink that is rated for a 3.4 GHz processor. that should do the trick (about 3.4 GHz or whatever...)

Subject: Re: Computer Overheating.

Posted by jnz on Wed, 12 Jul 2006 22:22:43 GMT
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Bump lol, YOU PAYED 3000$ for that hunk of crap! lol. my computer could out perform that and it cost 10 times less. you get riped off big time. lol

---

Subject: Re: Computer Overheating.
Posted by icedog90 on Wed, 12 Jul 2006 23:23:16 GMT
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people make that mistake all the time. I got tired of giving lectures on how to buy a computer for everyone a long time ago.

Subject: Re: Computer Overheating.
Posted by jnz on Thu, 13 Jul 2006 00:17:53 GMT
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lol, the person he bought that from make something like 2500$ for that lol

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Subject: Re: Computer Overheating.
Posted by PaRaDoX on Thu, 27 Jul 2006 13:10:50 GMT
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i must agree with help, YOU GOT SHAFTED.

My computer has $200 and it runs BF2 on high at 25fps (not bad for a 6200OC)
I get 120fps in renegade and thats not to bad for a Sempron and not that the AMD Athlon 3800+ X2 Dual Core CPU's are about $150 now im upgradeing realy soon.

Subject: Re: Computer Overheating.
Posted by jnz on Thu, 27 Jul 2006 22:38:45 GMT
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the amd duel core proccessors are really good, but a good bit of advice from me is:

DON'T GET THAT INTELL DUEL CORE SHIT that processor is sooooooooo, slow!

Subject: Re: Computer Overheating.
Posted by icedog90 on Fri, 28 Jul 2006 03:10:59 GMT
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actually, the Intel Core 2 Duo is freaking god-like. It's the Pentium D you don't want.

Subject: Re: Computer Overheating.
Posted by jnz on Fri, 28 Jul 2006 12:11:27 GMT
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it maby fast to you, but amd users will probably think it is slow. amd processors have allways been one step ahead of intell.
some people think that the speed of the processor EG 2.7 GHz is how fast it will be but that is wrong.

from what i understand about how they work, processors have something called registers and the more registers a processor has the faster it will be.

a register performs commands that the operating system gives it.
amd have an advanced command system on their registers, intell have only a simple set of commands.

also from what i have heard, intell processors have 16 registers, amd have 32.

that is why amd processors are known to get hot. it is also why amd processors are so much faster than intell processors.

to me, intell processors are not too bad. but i have noticed that they are very bad a mulititasking. but running one or two programs is ok.

Subject: Re: Computer Overheating.
Posted by Zion on Fri, 28 Jul 2006 23:35:35 GMT
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How Microprocessors Work

Subject: Re: Computer Overheating.
Posted by jnz on Sat, 29 Jul 2006 00:51:41 GMT
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i was more or less right the speed does change on other factors like cache, clock speed etc.

i don't know much about the workings of the processor even reading that website. the problem is that people want to describe it but they make it too general, eg:

Quote:
A microprocessor executes a collection of machine instructions

what instructions? how many instuctrions?

Subject: Re: Computer Overheating.
Posted by icedog90 on Sat, 29 Jul 2006 09:29:46 GMT
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help-linux wrote on Fri, 28 July 2006 05:11it maby fast to you, but amd users will probably think it is slow. amd processors have allways been one step ahead of intell.
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to me, intell processors are not too bad. but i have noticed that they are very bad a mulititasking. but running one or two programs is ok.

Listen, I've been a fan of AMD since three years ago. I think their CPUs are really good, and that intel has failed to compete for ages. But I'm sorry, your response is quite ignorant, for you have not even done a bit of research on the Core 2 Duo. I'm not going to be like a lot of AMD fans and still stick with AMD even if the other side is doing better. I KNOW that the faster the GHz doesn't mean the better. Nobody believes that these days, so I have no idea why you assume I do. One of the Core 2 Duo processors, known as the E6600, beats the Athlon FX-62 in just about everything, and that processor is supposed to be priced around $300 (it'll probably end up a little above that). I'm not just following benchmarks either. Its technology is more advanced, and many articles explain it well and how it's more efficient. I'm not going to rate processors only by "registers". You can if you want, but have fun getting shafted while I enjoy a great processor.

and just so you know, this time intel is one step ahead of AMD.

Subject: Re: Computer Overheating.
Posted by jnz on Sat, 29 Jul 2006 09:46:40 GMT
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i didn't assume anybody though anything.

Subject: Re: Computer Overheating.
Posted by Berkut on Thu, 03 Aug 2006 06:41:44 GMT
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I bought a Dell 4700 about a year ago. Everyone told me Dell sucked, but I went through with it. It cost me $900, and handles every game I put on it. It's also the best out of 5 computers in our house (some of which costed more at the time purchase). It runs the same as it did when I bought it. The only issue is that it's not vented very well, and may overheat if it's in a restricted space (though I guess that's unniversal for PC's). They're not very appropriate for post-purchase hardware customizing, though.

Subject: Re: Computer Overheating.
Posted by Aprime on Sat, 05 Aug 2006 05:12:28 GMT
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"I KNOW that the faster the GHz doesn't mean the better. Nobody believes that these days, so I have no idea why you assume I do."

WRANG, everyone that asks me stuff about PCs at school point out their super Intel Pentium frenquency shit.

LOL IT HAS THE MEGAHUZT Y IT SLOW?

Subject: Re: Computer Overheating.
Posted by grant89uk on Sat, 05 Aug 2006 07:45:10 GMT
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Lol that last post cracked me up.

Subject: Re: Computer Overheating.
Posted by icedog90 on Mon, 07 Aug 2006 07:01:56 GMT
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well, I at least mean people who aren't totally dumb about computers.

Subject: Re: Computer Overheating.
Posted by danpaul88 on Tue, 08 Aug 2006 15:03:10 GMT
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yes, the new core 2 duo's are one step ahead of anything AMD has so far made public, but the price's simply don't compare with the prices on AMD processors.

I am using an Intel P4 3.0ghz +HT right now, although having since seen comparisions to AMD processors I wish I had gone with an AMD processor, but it does it's job well and I ain't going to buy a new processor just for the sake of it.

When the multi-core lines from both manufacturers have been out for a while I will look into which is the best at that time, and decide whether to stick with Intel or switch to AMD.

As icedog implied above, you can't buy a processor based on brand name or ghz rating alone. When I first built this PC I made that mistake, and have since learnt from it.