
Subject: My new computer

Posted by [Blazer](#) on Fri, 18 Aug 2006 10:25:54 GMT

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My current computer has a bad motherboard...when it heats up, my computer simply powers off (yes I made sure it wasn't the thermal protect in the BIOS or the CPU overheating).

Anyhow I decided to bite the bullet and upgrade. I'm taking a week of forced vacation time next week (reached max limit of PTO hour), and I want to play some damn games

Heres the stats of my current system:

AMD Athlon64 3000+/2.01Ghz

3GB RAM

BFG Tech GeForce 6600GT OC 256MB AGP 8X

MSI K8N Motherboard

Soundblaser Live! X-Gamer 5.1

NEC 3500AG external DVR+-RW burner, USB 2.0

Adaptec 29320 Ultra320 SCSI adapter

Seagate Ultra320 15k rpm 73GB SCSI hard disk x 3

And here is what I have on the way:

* Intel® Core 2 Duo E6400 Conroe Processor 2.13GHz, 1066FSB, LGA775

This puppy is faster out of the box than anything AMD has to offer currently (even the FX-62), and it easily overclocks to 3Ghz+ even with the factory cooling fan, which will do me quite well.

* Corsair TWIN2X2048-6400C4 2GB Kit DDR2-800 XMS2-6400 Xtreme Performance Memory

* BFG GeForce 7900 GTX PCI Express 512MB GDDR3 Video Card w/2 Dual-Link DVI-I & HDTV

I like BFG products because they have a lifetime warranty and excellent tech support.

* Asus P5W DH Deluxe 975X 1066FSB LGA775 DDR ATX Motherboard w/Audio, Dual Gigabit LAN, RAID/Serial ATA

This board was so expensive it was annoying. But from my research it is one of the best overclock-friendly boards, and I definitely plan to overclock, so it costing a bit more is worth it, if I can OC my CPU to a faster speed than one that would have cost me \$600 more.

* Coolermaster STC-T01-UBK CM Stacker Aluminum Full Tower Case (Blue)

I got one of these cases for Crimson and I really liked it. Very good airflow and has leet blue LEDs

* OCZ OCZ700GXSSLI GameXStream 700W Power Supply

My SCSI drives eat a lot of power, as will the graphics card.

* Memorex / 16x4x16x DVD+-RW / 48x24x48x CD-RW / 4x DVD+R DL / Black Internal DVD Burner

The main reason I choose this was because its the only black internal DVD-RW I could find that had blue LEDs.

I will be re-using my SCSI drives-there's nothing faster except solid state disk. I do also have a 250GB SATA drive that I use for random storage. I have a huge external RAID NAS so having lots of disk space inside my PC is not a concern, I mainly want the OS and primary data drives to be as fast as possible. I will most probably re-use my SB Live! instead of using the onboard audio, since onboard audio drivers sap a wee bit of CPU...then again, I will have dual core so will it really matter?

I built this system with "bang for the buck" in mind. The only item I really splurged on was the motherboard, since I can always plop faster and faster core2-duo CPU's into it, and its SLI/crossfire ready, but I doubt I will ever justify spending over \$1000 on video cards, unless the game actually induces orgasms everytime you breach 200fps

This will be sort of a sad event for me, as it is the FIRST time I have ever built a personal system that does not have an AMD processor, and I have had many many systems over the years, with my first "IBM Compatible" PC being an AMD 386-40Mhz, which even then owned Intel (who only had 386-33Mhz). I have been a solid AMD fan all these years, but this time Intel has the best CPU, as far as performance and power usage goes. I won't be surprised at all if AMD pulls something out in the not too distant future that puts them on top again, but for now Conroe and Woodcrest are king.

Hopefully I will get to build this during my "vacation" time, I will try and post some pics.

Subject: Re: My new computer
Posted by [Scythar](#) on Fri, 18 Aug 2006 10:33:25 GMT
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Very impressive. That's close to the rig I need to upgrade to (excluding PSU & case) when the next generation games start flowing in, my current setup is getting a bit old (XP 3000+, 6800 GT, 1.5Gb DDR400. Sure, the only real issue is the CPU, but upgrading it means upgrading everything else :/)

Looks like Core 2 Duo is getting a very strong foothold on the future CPU markets, despite AMD's price drops.

Subject: Re: My new computer
Posted by [jnz](#) on Fri, 18 Aug 2006 10:50:10 GMT
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<http://www.xtremesystems.org/forums/showthread.php?t=58642i> don't think a dual core processor will improve on gaming performance. instead try to get the processor to run as fast as possible.

Subject: Re: My new computer
Posted by [Goztow](#) on Fri, 18 Aug 2006 10:52:02 GMT
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That's very impressive! You wouldn't be selling your old system, would you? It's still pretty up to date .

Subject: Re: My new computer
Posted by [Blazer](#) on Fri, 18 Aug 2006 10:56:36 GMT
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Heh part of it is going into Crimsons PC, and the rest into rebuilding Kozars PC (which literally exploded some time ago...dont ask lol).

Subject: Re: My new computer
Posted by [Blazer](#) on Fri, 18 Aug 2006 11:01:37 GMT
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help-linux wrote on Fri, 18 August 2006
06:50<http://www.xtremesystems.org/forums/showthread.php?t=58642i> don't think a dual core processor will improve on gaming performance. instead try to get the processor to run as fast as possible.

1. Nobody actually runs liquid nitrogen cooled gaming machines, and there are already benchmarks of conroes at over 5Ghz
 2. A dual processor machine will improve MY gaming performance for several reasons:
 - * I can run FRAPS to record my gaming and not lose any FPS
 - * I use the firefox "showcase" plugin to display 4+ tiles browsers simultaneously on my second monitor (mostly work stuff). When they all refresh at once, I take a CPU hit and my games lag. With 2 procs I can assign showcase to the second proc and it won't affect my game.
 3. I DO intend to run my processor as fast as possible, which is, as I explained, why I paid extra money for an overclock-friendly motherboard.
-

Subject: Re: My new computer
Posted by [Scythar](#) on Fri, 18 Aug 2006 11:14:29 GMT
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Blazer wrote on Fri, 18 August 2006 07:01help-linux wrote on Fri, 18 August 2006
06:50<http://www.xtremesystems.org/forums/showthread.php?t=58642i> don't think a dual core processor will improve on gaming performance. instead try to get the processor to run as fast as possible.

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3. I DO intend to run my processor as fast as possible, which is, as I explained, why I paid extra money for an overclock-friendly motherboard.

In addition, future games are likely to add support for dual processors.

Subject: Re: My new computer
Posted by [icedog90](#) on Fri, 18 Aug 2006 16:37:33 GMT
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Haha, I'm going to get a Core 2 Duo E6600 when I rebuild.

Subject: Re: My new computer
Posted by [mrpirate](#) on Fri, 18 Aug 2006 16:37:49 GMT
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Some games, like Quake 4, already do support dual-core processors.

Subject: Re: My new computer
Posted by [JeepRubi](#) on Fri, 18 Aug 2006 18:04:24 GMT
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That makes my computer look like a peice of shit,

Subject: Re: My new computer
Posted by [DreamWraith](#) on Fri, 18 Aug 2006 18:06:49 GMT
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Should have thrown in a low end water cooling solution such as a Thermaltake BigWater!

Subject: Re: My new computer
Posted by [xptek](#) on Fri, 18 Aug 2006 18:40:00 GMT
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Very nice. What did all of that end up costing you? I'm thinking about replacing my P4 with a Mac

Pro if I can find some reason to justify it.

Subject: Re: My new computer
Posted by [Scythar](#) on Fri, 18 Aug 2006 21:34:11 GMT
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icedog90 wrote on Fri, 18 August 2006 12:37Haha, I'm going to get a Core 2 Duo E6600 when I rebuild.

Ah-HA! I'll get an E6700 then!

>E-penis +15

Subject: Re: My new computer
Posted by [Blazer](#) on Fri, 18 Aug 2006 22:31:56 GMT
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xptek wrote on Fri, 18 August 2006 14:40Very nice. What did all of that end up costing you? I'm thinking about replacing my P4 with a Mac Pro if I can find some reason to justify it.

Well the beauty of it is it was "free". I did some work on the side and will be using that money to pay for it. I usually dont like to buy things for myself unless I have money to "spare". The real clincher was that since I have to take a week off of work, I want to play some damn games during that time, and my current computer is hosed. That, and heck, "you only live once"

Subject: Re: My new computer
Posted by [msgtpain](#) on Fri, 18 Aug 2006 22:44:17 GMT
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That's funny Blazer.. I just built almost the exact same system last Saturday Core 2 Duo 2.13, 2GB RAM, Intel DP965LT MB, PNY 7900 GT GeForce video card.

Subject: Re: My new computer
Posted by [Renx](#) on Fri, 18 Aug 2006 22:44:46 GMT
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People have been hitting over 3.5GHz on some E6400s, you'll just need really good air cooling and decent airflow. Looks like your case already will have the latter though. Now just get a massive copper heatsink

help-linux wrote on Fri, 18 August 2006

07:50<http://www.xtremesystems.org/forums/showthread.php?t=58642i> don't think a dual core processor will improve on gaming performance. instead try to get the processor to run as fast as possible.

That's old, someone else hit over 6.5GHz on a 3500+

Subject: Re: My new computer

Posted by [JeepRubi](#) on Fri, 18 Aug 2006 22:55:10 GMT

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Oh, i so want to overclock, anyone tell me how?

BTW: I have a 3500+

Subject: Re: My new computer

Posted by [Renx](#) on Sat, 19 Aug 2006 04:57:49 GMT

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Tons of guides on the internet. Check an overclocking forum like extremeoverclocking or xtremesystems. My 3500 got to 2.7Ghz and performed great.

I think they even have a half-assed guide/description on gamespot.

Subject: Re: My new computer

Posted by [Blazer](#) on Sat, 19 Aug 2006 07:29:28 GMT

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Renx wrote on Fri, 18 August 2006 18:44People have been hitting over 3.5GHz on some E6400s, you'll just need really good air cooling and decent airflow. Looks like your case already will have the latter though. Now just get a massive copper heatsink

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<http://www.xbitlabs.com/web/display/20050811231553.html>

"A Japanese overclocker has managed to overclock Intel Pentium 4 670 microprocessor to 7.132GHz and even run certain benchmarks on the system...According to the posted statement,

which is currently the world's record."

Subject: Re: My new computer
Posted by [Blazer](#) on Sat, 19 Aug 2006 10:47:51 GMT
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<http://crunchgear.com/2006/08/17/quad-core-is-on-the-way/>

"Thought Two Cores was enough? It isn't. Really. Intel confirmed today that they will be releasing a 2.67 GHz quad-core Core 2 Extreme this holiday season. Drooling, yet?

The processor is named Kentsfield and will host two dual-core Conroe cores on one package. The processor will be beefed up, increasing its L2 cache from 4MB to 8MB, which will serve to make multi-tasking much more seamless."

Subject: Re: My new computer
Posted by [Renx](#) on Sat, 19 Aug 2006 17:08:47 GMT
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Blazer wrote on Sat, 19 August 2006 04:29Renx wrote on Fri, 18 August 2006 18:44People have been hitting over 3.5GHz on some E6400s, you'll just need really good air cooling and decent airflow. Looks like your case already will have the latter though. Now just get a massive copper heatsink

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That's old, someone else hit over 6.5GHz on a 3500+

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"A Japanese overclocker has managed to overclock Intel Pentium 4 670 microprocessor to 7.132GHz and even run certain benchmarks on the system...According to the posted statement,

which is currently the world's record."

<http://valid.x86-secret.com/records.php?PHPSESSID=b9431e79fd23eb1449282527c03e8937>

Also both companies have quad cores coming it. Intel has Kenstfield and AMD will have a quad core where it's just two K8s stuck together in the same way. K8L will come out after that and be

native quad core.

Subject: Re: My new computer
Posted by [Blazer](#) on Sun, 20 Aug 2006 07:17:53 GMT
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Honestly there is no real benefit from having quad core on a typical desktop or gaming system. Sure, if you are encoding video while burning dvds while rendering some 3d model and playing a game all at once then perhaps...but that's hardly typical.

Quad cores primary market is for servers or high-end graphics workstations. I'm sure that won't stop some gamer with rich parents from buying one just for bragging rights though.

Subject: Re: My new computer
Posted by [Crimson](#) on Sun, 20 Aug 2006 07:45:56 GMT
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xptek wrote on Fri, 18 August 2006 11:40Very nice. What did all of that end up costing you? I'm thinking about replacing my P4 with a Mac Pro if I can find some reason to justify it.

applause

Apple pwnz. I (heart) my MacBook Pro laptop.

Subject: Re: My new computer
Posted by [djlaptop](#) on Sun, 20 Aug 2006 07:46:11 GMT
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My new computer > yours.

Subject: Re: My new computer
Posted by [Crimson](#) on Sun, 20 Aug 2006 07:52:34 GMT
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Why do you need a computer like that to read MySpace all day? (@ djlaptop)

Subject: Re: My new computer
Posted by [Blazer](#) on Sun, 20 Aug 2006 07:53:23 GMT
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djlaptop wrote on Sun, 20 August 2006 03:46My new computer > yours.

You're gone for like a year, and thats all you have to say upon your return? wtf man get your ass on IRC

Subject: Re: My new computer
Posted by [icedog90](#) on Mon, 21 Aug 2006 20:30:33 GMT
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I'm not into overclocking actually. Okay, so I unlocked 4 pipelines on my Geforce 6800, big deal, but besides that I don't really like to mess with my hardware that much. The Core 2 Duo E6600 will surely help me tremendously just by itself. I mostly need its power for video encoding and post-production. But of course I do love playing games. So for me, it's definitely a winner.

Subject: Re: My new computer
Posted by [Blazer](#) on Tue, 22 Aug 2006 06:05:24 GMT
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Well, I got owned. My new video card doesn't work. The display is all garbled at the POST. Took it out and put it in another PC, same thing. Now I get to wait over a week to have it replaced...so much for my week off from work to play games

Subject: Re: My new computer
Posted by [icedog90](#) on Tue, 22 Aug 2006 06:07:56 GMT
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That sucks.

Subject: Re: My new computer
Posted by [sterps](#) on Tue, 22 Aug 2006 06:17:37 GMT
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Wow, wait a minute, is that a 64 bit pentium processor???? I didnt know they had one!!! If it is, when did they come out, and how good are they?

Subject: Re: My new computer
Posted by [icedog90](#) on Tue, 22 Aug 2006 06:20:23 GMT
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They are 64-bit, and they are insanely good. As much as I love AMD, Intel definitely wins this

round.

Here's the one I want to get:

http://www.newegg.com/Product/Product.asp?Item=N82E168191150_03

just search google for any kind of reviews.

Subject: Re: My new computer
Posted by [Renx](#) on Tue, 22 Aug 2006 14:31:36 GMT
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Intels have been 64bit for a while. Even any P4 you buy now will probably have EMT64 or whatever they call it.

Subject: Re: My new computer
Posted by [mision08](#) on Thu, 24 Aug 2006 03:24:06 GMT
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DreamWraith wrote on Fri, 18 August 2006 13:06 Should have thrown in a low end water cooling solution such as a Thermaltake BigWater!
Or some type of cooling system suitable for overclocking. The Intel cores run hot to begin with. Plus, it's just a sin to overclock anything with stock cooling. I personally would take the heat-sink off the chip-set, clean it and reset it with arctic silver. You would be surprised how shitty some of the factory work can be on setting heat-sinks. This may be necessary with the video card too. If you plan on overclocking that as well. If you know someone in the marble and granite business, kitchen counter-tops and such. They usually have acetone needed for cleaning the surfaces. Is this going to be a 64 bit Vista or Linux box? Most likely a XP Pro with dual boot and a virtual machine.

Subject: Re: My new computer
Posted by [Renx](#) on Thu, 24 Aug 2006 04:46:41 GMT
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Conroes don't run hot.

Subject: Re: My new computer
Posted by [Blazer](#) on Thu, 24 Aug 2006 06:26:27 GMT
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As RenX said, Conroes do not run hot, which is the reason you can overclock the E6400 to over 3Ghz with the stock cpu cooler. Conroes use way less power than AMD and other Intel

processors.

That being said, I still got the ASUS "Silent Stack" cooler, just to make sure I have no problems. Even with the coin in the picture for reference, the photo still does not truly reflect just how huge that cooler is...holding it in your hand it like holding a loaf of bread or a pineapple.

Subject: Re: My new computer
Posted by [icedog90](#) on Thu, 24 Aug 2006 06:27:39 GMT
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That's freaking huge... how much did it cost?

Subject: Re: My new computer
Posted by [Blazer](#) on Thu, 24 Aug 2006 06:30:04 GMT
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~\$50.00. Not bad considering it was the most efficient cooler that I could get, given the selection. Oh and since it's not obvious - there is a fan inside it, and blue LEDs, so it kind of glows like some freaky nuclear reactor or something lol.

Subject: Re: My new computer
Posted by [icedog90](#) on Thu, 24 Aug 2006 06:30:46 GMT
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lol, cool... can you hear the fan at all?

Subject: Re: My new computer
Posted by [Blazer](#) on Thu, 24 Aug 2006 06:32:58 GMT
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Nope, it's completely quiet, thus "Silent Stack". It was weird powering on the PC during testing, and hearing absolutely nothing (the power supply is quiet too). Now I just need to get out tomorrow and return my video card to BFG for replacement, and perhaps next week I will actually get to boot it up.

Subject: Re: My new computer
Posted by [z310](#) on Thu, 24 Aug 2006 07:38:41 GMT
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Man, that fucking sucks. Your CPU cooler fucking owns, though.

Subject: Re: My new computer
Posted by [Renx](#) on Thu, 24 Aug 2006 15:04:23 GMT
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I would get a couple 120mm Vantec Stealths for your case too if you like silent fans. They're very quiet and move a lot of air. With a fanless heatsink like that you're going to need great airflow for doing things at continuous full load.

Subject: Re: My new computer
Posted by [Nodbugger](#) on Thu, 24 Aug 2006 18:34:25 GMT
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It isn't fanless.

Subject: Re: My new computer
Posted by [Renx](#) on Fri, 25 Aug 2006 04:22:39 GMT
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You're fanless

Subject: Re: My new computer
Posted by [icedog90](#) on Fri, 25 Aug 2006 04:32:01 GMT
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Anybody know how well the Core 2 Duo encodes videos using H.264? Any benchmark I've seen doesn't bother to tell you the video length or resolution... only the amount of minutes it took. Very lame benchmark.

Subject: Re: My new computer
Posted by [Scythar](#) on Fri, 25 Aug 2006 08:21:18 GMT
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<http://www23.tomshardware.com/cpu.html?modelx=33&model1=430&model2=464&chart=182>

24 seconds, 1920*1080.

Subject: Re: My new computer
Posted by [icedog90](#) on Fri, 25 Aug 2006 18:55:13 GMT
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For one thing, thanks a lot for that link, I never knew they had that.

Secondly, holy crap. My Athlon XP 2600 took around five minutes to encode a 9 second 428x240 video using H.264. Talk about owned?

Subject: Re: My new computer
Posted by [Carrierll](#) on Fri, 25 Aug 2006 19:05:41 GMT
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Intel FTW...

Nice PC... why, oh, why do we have to have QUAD core processors? That's getting beyond a joke... So, by 2020, we'll be using 1024 Bit, 32 Cored processors rofl

Subject: Re: My new computer
Posted by [icedog90](#) on Fri, 25 Aug 2006 19:20:36 GMT
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Intel's quad-core is going to suck, because it doesn't actually have 4 cores. It's basically a dual dual-core on one chip. AMD, on the other hand, is going to have a quad-core that actually has 4 cores on one silicon. Unfortunately, that's not going to be until around late 2007 or 2008.

Subject: Re: My new computer
Posted by [Renx](#) on Fri, 25 Aug 2006 19:56:43 GMT
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AMD will also have a dual die quad core chips, it's codenamed Deerhound and may be out late 2006. It will just be two 65nm X2s stuck together, much like Intel's offering.

K8L will be the native quad core and won't come out until probably 2H 2007. Intel will no doubt have a native quad core by then as well.

The main concern about Kentsfield was always the FSB and it being bandwidth starved.

Subject: Re: My new computer

Posted by [Blazer](#) on Fri, 25 Aug 2006 20:04:58 GMT

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I have zero desire for a quad core, and neither should anyone else who isnt doing graphics rendering or something like that. Quad cores are designed for servers, not gaming machines.

Subject: Re: My new computer

Posted by [icedog90](#) on Fri, 25 Aug 2006 20:10:18 GMT

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One of those quad-cores would help me.

Subject: Re: My new computer

Posted by [JeepRubi](#) on Fri, 25 Aug 2006 20:29:17 GMT

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Im doing just fine with my single core at the moment. But i wouldnt mind a dual core.

Subject: Re: My new computer

Posted by [mision08](#) on Sat, 26 Aug 2006 03:01:33 GMT

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Blazer wrote on Fri, 25 August 2006 15:04I have zero desire for a quad core, and neither should anyone else who isnt doing graphics rendering or something like that. Quad cores are designed for servers, not gaming machines.

You can say that about dual core too.

Subject: Re: My new computer

Posted by [Renx](#) on Sat, 26 Aug 2006 04:03:42 GMT

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Not really since most applications are beginning to benefit from multicores now. I also don't mind being able to run torrents or something and play a game at the same time without any slowdowns.

Subject: Re: My new computer

Posted by [Blazer](#) on Sun, 27 Aug 2006 11:52:33 GMT

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mision08 wrote on Fri, 25 August 2006 23:01Blazer wrote on Fri, 25 August 2006 15:04I have zero desire for a quad core, and neither should anyone else who isnt doing graphics rendering or something like that. Quad cores are designed for servers, not gaming machines.

You can say that about dual core too.

Dual core is actually fairly useful, since you can do something like play a game, and simultaneously run FRAPS to record a game video, with no loss of FPS. With a quad core, you could do that and also...run Seti@home, and also render a 3D landscape all at once! Really...how likely is it that the average person is going to be doing something like that

Subject: Re: My new computer

Posted by [Blazer](#) on Sun, 27 Aug 2006 11:54:36 GMT

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Renx wrote on Thu, 24 August 2006 11:04I would get a couple 120mm Vantec Stealths for your case too if you like silent fans. They're very quiet and move a lot of air. With a fanless heatsink like that you're going to need great airflow for doing things at continuous full load.

It's not fanless...it has a fan sandwiched in the middle. Here's a pic of it while it's powered on, taken directly from the side.

EDIT: Forgot to mention that my case also has a huge 5" silent fan in the rear, a fan in the top, and a fan in the side. That combined with the bottom and front being mesh, I would dare say this is one of the most ventilated cases you could have.

EDIT2: I stuck a crappy 1MB PCI Trident video card in tonight, just so that I could boot the system and install all the motherboard drivers etc. Besides the shitty video, the system is very nice and fast. I also updated MBM (Motherboard Monitor) to my new board and was pleased to see the temperature of the CPU is literally 30F cooler than my AMD 3000+ was (under load too, with WCG running and maxing out both cores), and the case temp is equally low. So I'm quite pleased so far with the thermal efficiency of the case and CPU cooler.

File Attachments

1) [Asus_Fan.jpg](#), downloaded 885 times



Subject: Re: My new computer
Posted by [mision08](#) on Sun, 27 Aug 2006 18:58:19 GMT
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With something that pretty does it really matter how efficient it is? I knew this would happen. I had some audio from a video game developers conference a year or more back. I swear I didn't recognize the speakers name and can't remember his resume, but I do recall it was an impressive one. I don't think he was there for the money. What stood out to me in his speech was an overall theme to run for the hills. He made the dual core sound much like dual channel memory, with signals going in different directions and arriving at various times. As game developers (I guess all developers) want the signal there. It obviously has to travel, so the next best thing is to get them in a timely manner and in order. Basically dual cores blow this all to hell, and quad cores even worst. I added the quad core part myself. After years of processor design and gaming development I think I'm qualified to do that.
Looks good so far, keeping it cool.

Subject: Re: My new computer
Posted by [Renx](#) on Sun, 10 Sep 2006 14:59:53 GMT
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Did you get your video card yet? If so how is everything working?

Subject: Re: My new computer
Posted by [DaddyD302](#) on Tue, 12 Sep 2006 20:38:03 GMT
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Blazer wrote on Thu, 24 August 2006 02:26As RenX said, Conroes do not run hot, which is the reason you can overclock the E6400 to over 3Ghz with the stock cpu cooler. Conroes use way less power than AMD and other Intel processors.

That being said, I still got the ASUS "Silent Stack" cooler, just to make sure I have no problems Even with the coin in the picture for reference, the photo still does not truly reflect just how huge that cooler is...holding it in your hand it like holding a loaf of bread or a pineapple.

Do you got to be careful when you move your case around with that HS? I heard stories of HS like that ripping the cpu out of the mobo because they're so heavy. By the way while no X-Fi?? I have one and it's the best soundcard I ever heard, plus no crackling problems like their previous SB brands.

Subject: Re: My new computer

Posted by [Matix](#) on Tue, 12 Sep 2006 21:05:31 GMT

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I have the Core 2 Duo E6700 and 4GB Ram from these babies
<http://www.newegg.com/Product/Product.asp?Item=N82E16820145034>

but my graphics card is *ok* 1x X850 XT PE Overclocked to 590/1350

Subject: Re: My new computer

Posted by [icedog90](#) on Tue, 12 Sep 2006 21:07:06 GMT

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What do you do on your computer Matix? just curious.

Subject: Re: My new computer

Posted by [Matix](#) on Tue, 12 Sep 2006 21:13:09 GMT

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I play games lol

But really. I have lots of programs in the background. mIRC, MSN, tons of IE Windows opened up. And when I play BF2, i like it in highest quality

Subject: Re: My new computer

Posted by [Kamuix](#) on Tue, 12 Sep 2006 21:15:09 GMT

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Well in order to use nearly that much ram up....He would have to be running over 200 basic tasks. I have a Gig of ram and i only regularly use about 512 or maybe abit more of it.

Subject: Re: My new computer

Posted by [Kamuix](#) on Tue, 12 Sep 2006 21:17:14 GMT

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Ok maybe not 200

Subject: Re: My new computer

Posted by [icedog90](#) on Tue, 12 Sep 2006 21:22:08 GMT

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hmm. I was just wondering since you had a whole lot of memory and a powerful processor, but

didn't have a really good video card. Usually people with those kinds of computers are into something else other than games.

Subject: Re: My new computer
Posted by [Matix](#) on Tue, 12 Sep 2006 21:28:16 GMT
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I am more into multi-tasking instead of gaming. I have around 110 FPS in like a 15v15 so I really don't need anything else / more. My motherboard is kinda crappy atm. I can't wait to get an SLI Buid

Subject: Re: My new computer
Posted by [Kamuix](#) on Tue, 12 Sep 2006 21:35:46 GMT
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Matix, would you mind buying me a computer? Just a cheap \$1500 one, all i ask .

Subject: Re: My new computer
Posted by [Blazer](#) on Fri, 15 Sep 2006 10:05:30 GMT
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BFG lost my video card so they replaced it with their most expensive model, the 7950-GX2. It does have some drawbacks for me though, since I use dual monitors, and when you are in SLI mode you can only use one monitor. The driver lets you switch between modes though so now I run dual monitors when Im semi-working or for playing Renegade (I get 100+ FPS in renegade even only using one GPU). For Battlefield2 I can go SLI and get 120FPS with max detail

Subject: Re: My new computer
Posted by [Zion](#) on Fri, 15 Sep 2006 15:53:15 GMT
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Blazer wrote on Fri, 15 September 2006 11:05BFG lost my video card so they replaced it with their most expensive model, the 7950-GX2. It does have some drawbacks for me though, since I use dual monitors, and when you are in SLI mode you can only use one monitor. The driver lets you switch between modes though so now I run dual monitors when Im semi-working or for playing Renegade (I get 100+ FPS in renegade even only using one GPU). For Battlefield2 I can go SLI and get 120FPS with max detail

Great because i'm getting two of them, but will both of them SLI'ed together support four monitors?

Subject: Re: My new computer
Posted by [Renx](#) on Fri, 15 Sep 2006 16:05:14 GMT
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Only if you leave SLI disabled.

Subject: Re: My new computer
Posted by [Zion](#) on Fri, 15 Sep 2006 17:07:32 GMT
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So it'll just be like if i have 4 gfx cards in my machine, one for each monitor. Good because i'm planning on having over two at least, and maybe a touch screen one for the servers.

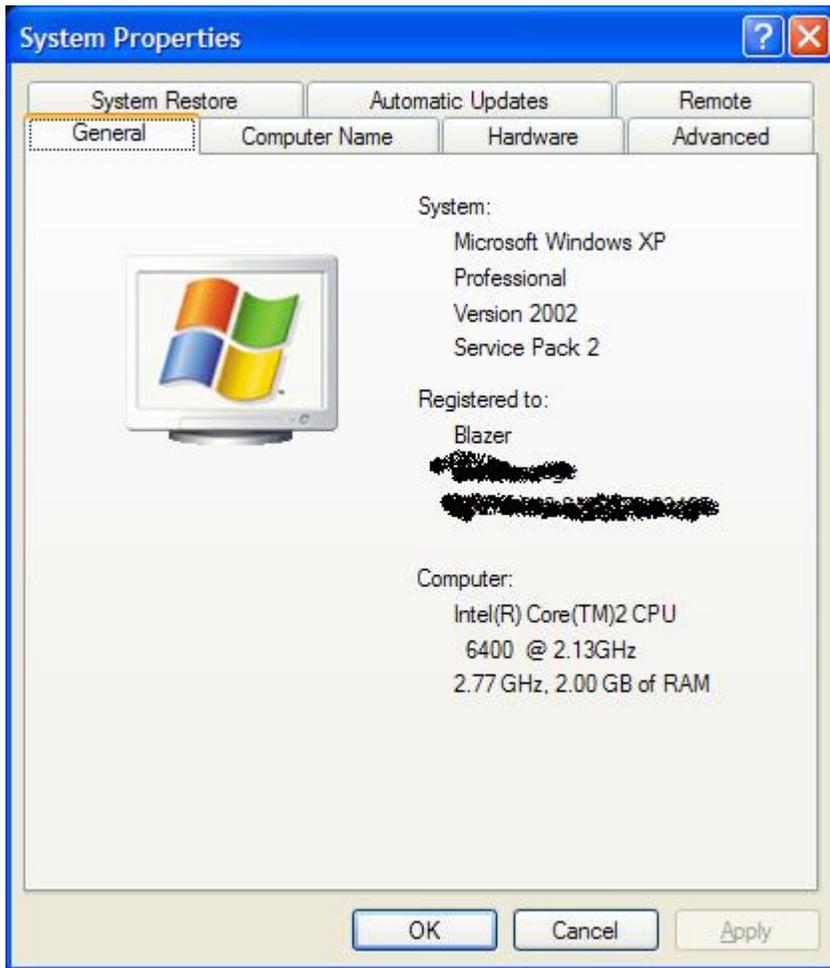
Subject: Re: My new computer
Posted by [Blazer](#) on Thu, 05 Oct 2006 06:03:17 GMT
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I've now been running for a week at 30% overclock, with no ill effects. I may try to OC to 3Ghz just to see if it works. I've read reviews of people reaching 4Ghz with normal cooling fans.

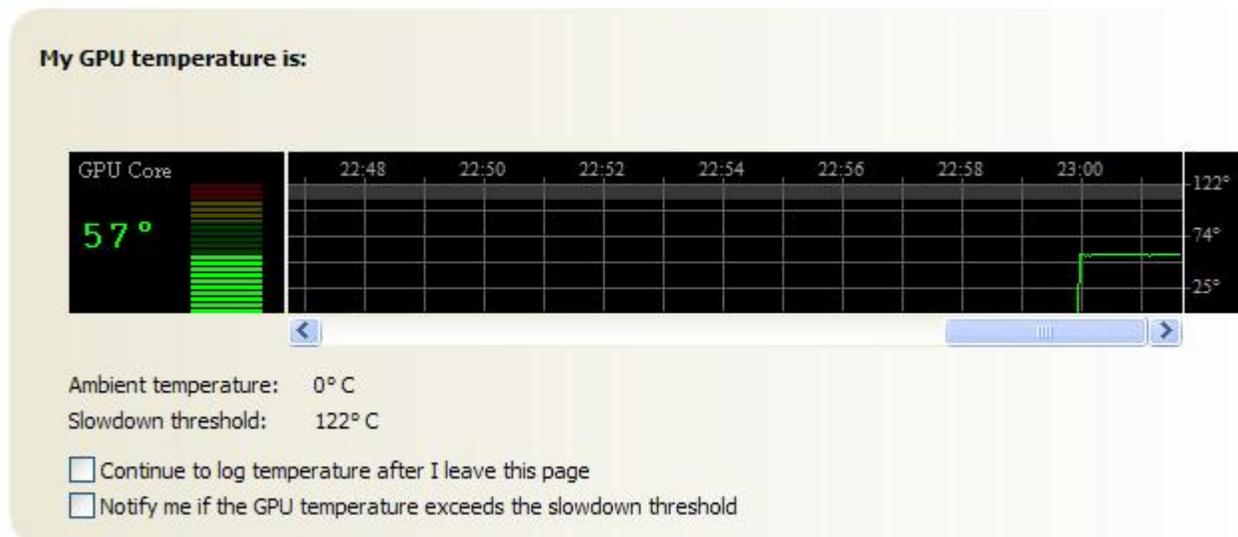
Temperature: (Case: 109°F, CPU: 95°F, Fan 1: 337500RPM)

File Attachments

1) [30pct-overclock.jpg](#), downloaded 778 times



2) [GPUtemp.jpg](#), downloaded 762 times



Subject: Re: My new computer
Posted by [iOwn3r](#) on Thu, 05 Oct 2006 13:36:17 GMT

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That PC sounds very nice, i like the sound of the duel core CPU

/iROwn3r

Subject: Re: My new computer
Posted by [JPNOD](#) on Sun, 08 Oct 2006 20:47:16 GMT
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iNtel Ftw.

Very nice PC, I guess the 2MB cache isn't a drawback with a overclock like that compared to the E6600

Subject: Re: My new computer
Posted by [jnz](#) on Sun, 08 Oct 2006 21:09:39 GMT
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AMD are mostly concentrating in getting ONE core processors as fast as possible for gaming computers. on the other hand they are also making multicore processors for people like me that like to do a million things at a time.

if you live in england and have seen a pc-world advert you will here them say "Dual Core, so you can do 2 things at a time like burn a cd while watching a movie" well you can do that with a single core processor, so why do they say it? is it to impress all of the dumbasses that already own a single core computer that can already do that? i don't see why people don't see the logic in this stupid advertizing, i mean, most of the people on this forum could see though that.

im blabering off topic here, but you ever heard of "AOL"? well they seem to think that "wireless broadband" is actualy real, how? not at the moment anyway, you can't get a wireless signal from a ISP, so why do they say that? also that seem to think that the broadband going to a router that supports WiFi is anydiffernt from a router that doesn't. if you hear their addverts on tv they say "Wireless boardband, now the same price a regular broadband".

one other thing with AOL is that if you get dial-up(years ago, but still active) they want you to install their software that include "antivirus(no better that norton), parental controll, and a firewall(again no better than norton)" and the whole thing is so resource hungary that you cannot surf with it!

i have said this before but when you buy a computer (from a commercial company) everything else is comprimised by the \$10 motherboard my advive is to ask someone to build it for you. it works out cheeper and faster, and will last longer. my "know-how" on computer is fairly limited but i know how to build one and it is pretty easy, someone that watched me do it once went and did it themselves no problem.

Subject: Re: My new computer
Posted by [Zion](#) on Sun, 08 Oct 2006 23:22:54 GMT
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help-linux wrote on Sun, 08 October 2006 22:09if you live in england and have seen a pc-world advert you will here them say "Dual Core, so you can do 2 things at a time like burn a cd while watching a movie" well you can do that with a single core processor, so why do they say it? is it to impress all of the dumbasses that already own a single core computer that can already do that? i don't see why people don't see the logic in this stupid advertizing, i mean, most of the people on this forum could see though that.

PC-World are for people that can't tell a Mouse from a Keyboard, they use "big, fancy" words like that just to impress people and make more money.

Their technical support is the worst i have experienced... but it's a good place to buy routers and misc cables from etc.

Subject: Re: My new computer
Posted by [fl00d3d](#) on Sun, 08 Oct 2006 23:29:02 GMT
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Matix (teh-pwnerer) probably got that computer from his daddy -- which is also why it don't have a good video card (cuz his dad bought a good computer for the family and he uses it for his evil projects). I despise this 15 year old boy... (see my signature, its better than his)

Blazer: can I have that nickel in your first photo?

Subject: Re: My new computer
Posted by [ADM](#) on Mon, 09 Oct 2006 06:53:19 GMT
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At E3 they had Alan Wake running flawlessly on a quad-core setup, and according to the developers, the game was completely built around a multi-threaded environment. Infact the development team said that once the game is released, you'll need at least dual-core processor to run the game on medium quality settings.

Check out the Alan Wake demo, it looks brilliant.

Subject: Re: My new computer
Posted by [Blazer](#) on Mon, 09 Oct 2006 11:30:03 GMT
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fl00d3d wrote on Sun, 08 October 2006 19:29Blazer: can I have that nickel in your first photo?

You're in luck, because it's a quarter

Subject: Re: My new computer
Posted by [Renx](#) on Tue, 10 Oct 2006 02:36:38 GMT
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ADM wrote on Mon, 09 October 2006 03:53At E3 they had Alan Wake running flawlessly on a quad-core setup, and according to the developers, the game was completely built around a multi-threaded environment. Infact the development team said that once the game is released, you'll need at least dual-core processor to run the game on medium quality settings.

Check out the Alan Wake demo, it looks brilliant.

<http://www.theinquirer.net/default.aspx?article=34916>

Subject: Re: My new computer
Posted by [Aprime](#) on Tue, 10 Oct 2006 04:44:45 GMT
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The Inquirer is useless for the Internet.

Subject: Re: My new computer
Posted by [ADM](#) on Tue, 10 Oct 2006 21:07:41 GMT
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Renx wrote on Mon, 09 October 2006 22:36ADM wrote on Mon, 09 October 2006 03:53At E3 they had Alan Wake running flawlessly on a quad-core setup, and according to the developers, the game was completely built around a multi-threaded environment. Infact the development team said that once the game is released, you'll need at least dual-core processor to run the game on medium quality settings.

Check out the Alan Wake demo, it looks brilliant.

<http://www.theinquirer.net/default.aspx?article=34916>

That is The Inquirer, they make stuff up on the spot. I'm a professional games developer, I know the advantages that can be obtained with application of four cores. It's not hard to design an engine to cope with this, it just takes planning and thorough designing.

Subject: Re: My new computer
Posted by [djlaptop](#) on Tue, 10 Oct 2006 22:22:06 GMT
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Here are the pics from my new computer.

File Attachments

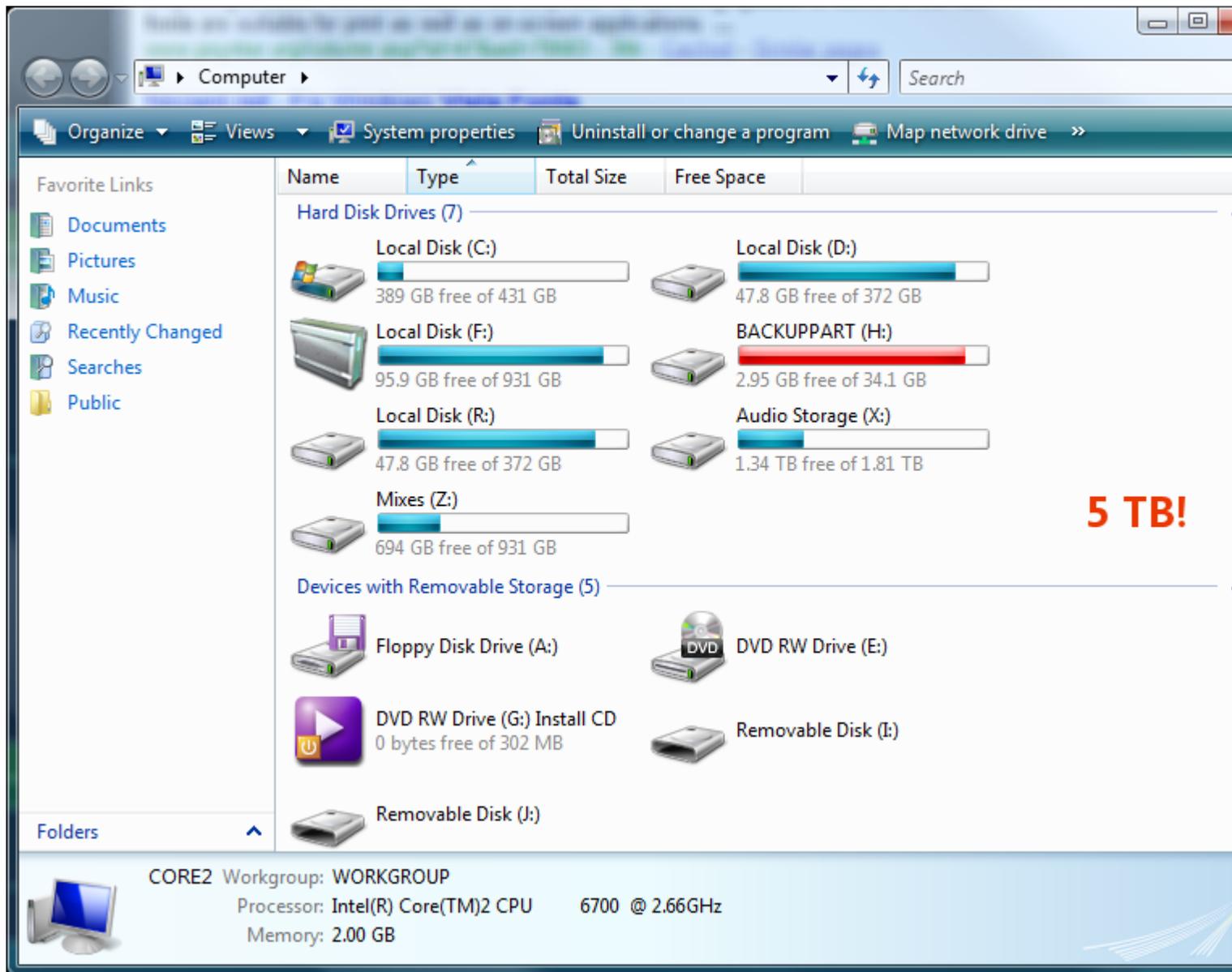
1) [compl.png](#), downloaded 576 times

The screenshot shows the Windows Vista System Control Panel window. The title bar reads "Control Panel > System". The left sidebar contains a "Tasks" section with links to "Device Manager", "Remote settings", "System protection", and "Advanced system settings". Below this is a "See also" section with links to "Windows Update", "Security Center", and "Performance". The main content area is titled "View basic information about your computer". It displays the following information:

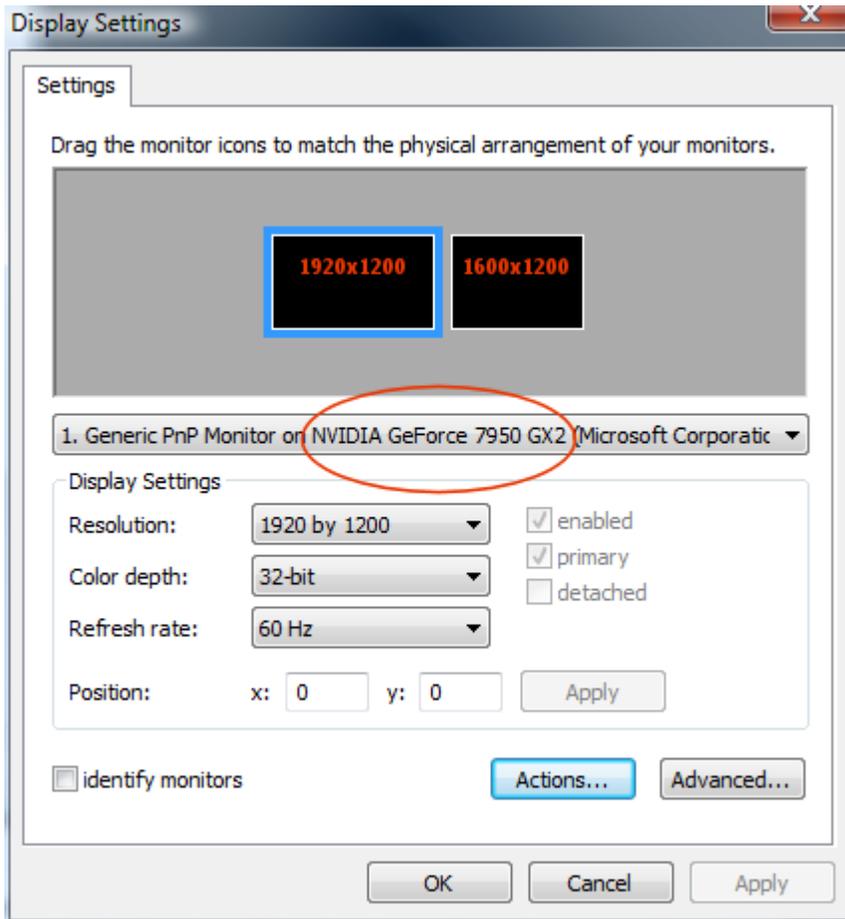
- Windows edition:** Windows Vista™ Ultimate. Copyright © 2006 Microsoft Corporation. All rights reserved.
- System:**
 - Rating:** 5.3 Windows Experience Index
 - Processor:** Intel(R) Core(TM)2 CPU 6700 @ 2.66GHz (3.50 GHz) **overclock**
 - Memory (RAM):** 2047 MB
 - System type:** 32-bit Operating System
- Computer name, domain, and workgroup settings:**
 - Computer name:** core2 (Change setting)
 - Full computer name:** core2
 - Computer description:**
 - Workgroup:** WORKGROUP
- Windows activation:**
 - Windows is activated
 - Product ID:** [Redacted] (Change product key)

Additional elements include the Windows logo in the top right and a "genuine Microsoft software" logo in the bottom right with the text "Learn more online".

2) [comp2.png](#), downloaded 574 times



3) [comp3.png](#), downloaded 565 times



4) [NewComputer.jpg](#), downloaded 768 times



Subject: Re: My new computer
Posted by [Aprime](#) on Tue, 10 Oct 2006 22:24:41 GMT
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Hope the CPU dies so I can lol.

Subject: Re: My new computer
Posted by [djlaptop](#) on Tue, 10 Oct 2006 22:36:32 GMT
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Comrade wrote on Tue, 10 October 2006 18:24Hope the CPU dies so I can lol.

Strange, this post first showed up as being posted by Blazer, then it changed.

????

Subject: Re: My new computer
Posted by [U927](#) on Tue, 10 Oct 2006 22:39:48 GMT
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HOLY SHIT HE LIVES.

Subject: Re: My new computer
Posted by [Renx](#) on Tue, 10 Oct 2006 23:16:44 GMT
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Very nice. Although the nvidia DX10 cards are coming in less than a month.

Subject: Re: My new computer
Posted by [Blazer](#) on Tue, 10 Oct 2006 23:25:29 GMT
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Holy storage batman! You got an apple xraid attached or something?

Hows the 7950GX2 doing in vista? They are supposed to be releasing a driver that lets you run dual monitors in SLI mode (and switch between SLI/non-SLI without rebooting).

Subject: Re: My new computer
Posted by [djlaptop](#) on Tue, 10 Oct 2006 23:40:06 GMT
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C: is a 500 GB drive.
D: is my old 400 GB drive from my old system
F: is a Maxtor OneTouch external 1TB Firewire drive.
H: is the other partition on the same drive as C: that I ghosted my system on.
R: is a redundant mirror of D:
X: is four 500 GB drives RAIDed together.
Z: is two 500 GB drives RAIDed together.

The 7950GX2 is rocking. Vista refused to install on builds prior to RC1 with it though - BSOD during install. I have no need for SLI mode on two monitors - I just like being able to have aim open on the right hand monitor while I play.

I have renegade maxed out to 1600x1200 and even on extremely large servers (50+ players) I am locked at 60fps (monitor refresh rate).

And yes, the DX10 cards are coming, but I needed to get this system up, and it'll be a while before anything comes out that takes advantage of DX10 (or anything that i'll play, anyway).

Subject: Re: My new computer
Posted by [Kanezor](#) on Tue, 10 Oct 2006 23:42:26 GMT
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Blazer wrote on Fri, 25 August 2006 17:04I have zero desire for a quad core, and neither should anyone else who isnt doing graphics rendering or something like that. Quad cores are designed for servers, not gaming machines.

I play games with about a dozen or two programs in the background. Quad core processors are for me.

Not to mention that games can in fact make use of more than two cores

#1: working on current frame's physics

#2 (one step behind #1): working on current frame's graphics

#3: actively loading needed data, passively loading data that could be needed soon

any additional cores could work on AI processing (imagine having 16 cores... that'd give you some 12 cores for AI... most games can put about 16 bots per CPU with no decrease in framerate, so imagine games of 192 bots... lol)

an alternate setup would be to keep the physics core one step ahead of player processing, you could then have additional cores processing players' movements instead of AI movements... no more lag when you have 50+ people in the game. that is, unless your GPU sucks.

Subject: Re: My new computer
Posted by [Renx](#) on Wed, 11 Oct 2006 13:40:51 GMT
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Kanezor wrote on Tue, 10 October 2006 20:42Blazer wrote on Fri, 25 August 2006 17:04I have zero desire for a quad core, and neither should anyone else who isnt doing graphics rendering or something like that. Quad cores are designed for servers, not gaming machines.

Not to mention that games can in fact make use of more than two cores

They could, but it'll be a long time before they do. Games are just barely starting to take advantage of two cores.

<http://www.theinquirer.net/default.aspx?article=34916>

Knowing me though, I'll probably still end up getting one next fall.

Subject: Re: My new computer
Posted by [Zion](#) on Wed, 11 Oct 2006 14:21:37 GMT
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djlaptop wrote on Tue, 10 October 2006 23:22 Here are the pics from my new computer.

<index.php?t=getfile&id=1867&private=0>

<index.php?t=getfile&id=1868&private=0>

<index.php?t=getfile&id=1869&private=0>

<index.php?t=getfile&id=1870&private=0>

My comp will be double that.

4 monitors (:D:D:D:D)

2 7950 GX2s (:D:D:D:D:D:D:D:D:D:D)

Same processor as DJ here (:D:D:D:D:D:D:D)

Don't know about hdd space... yet

Coming to about £2,800 (\$5,600 US approx) and i can't wait
