Subject: Building comp (parts)
Posted by bisen11 on Tue, 19 Feb 2008 00:46:18 GMT
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Quote:ASUS M2N-SLI Deluxe AM2 NVIDIA nForce 570 SLI MCP ATX AMD Motherboard $134.99
APEVIA ATX-AS520W-BK ATX 520W Power Supply $59.99
AMD Athlon 64 X2 6000+ Windsor 3.0GHz Socket AM2 125W Dual-Core Processor Model ADX6000CZBOX $159.99
4 gigs ram $93.98
MSI NX8600GTS-T2D256E-OC GeForce 8600GTS 256MB 128-bit GDDR3 PCI Express x16 HDCP Ready SLI Supported Video Card $132.99 x2
= $265.98
That's the main stuff, just wanted to get some oppinions on whether it sounds good or if there's some better stuff I could get (but still decent price).

UPDATE 2/19: Alright, I've come up with a quad core comp and I got a better video card, I'll likely only get one of them to begin with though.

ASUS M3A32-MVP Deluxe/WiFi AM2+/AM2 AMD 790FX ATX AMD Motherboard

SAPPHIRE 100225L Radeon HD 3870 512MB 256-bit GDDR4 PCI Express 2.0 x16 HDCP Ready CrossFire Supported Video Card

AMD Phenom 9500 Agena 2.2GHz Socket AM2+ 95W Quad-Core Processor Model HD9500WCGDBOX

OCZ Gold 4GB(2 x 2GB) 240-Pin DDR2 SDRAM DDR2 800 (PC2 6400) Dual Channel Kit Desktop Memory Model OCZ2G8004GK

APEVIA ATX-AS520W-BK ATX 520W Power Supply

Update 2/20: Back to the duel core. Here is what I'm currently looking at.

ASUS M3A32-MVP Deluxe/WiFi AM2+/AM2 AMD 790FX ATX AMD Motherboard

SAPPHIRE 100225L Radeon HD 3870 512MB 256-bit GDDR4 PCI Express 2.0 x16 HDCP Ready CrossFire Supported Video Card

AMD Athlon 64 X2 6000+ Windsor 3.0GHz Socket AM2 125W Dual-Core Processor Model ADX6000CZBOX - Retail

OCZ Gold 4GB(2 x 2GB) 240-Pin DDR2 SDRAM DDR2 800 (PC2 6400) Dual Channel Kit Desktop Memory Model OCZ2G8004GK - Retail

UPDATE: 4/24

It's nearing graduation (middle of may) now so I'll be ordering my comp soon.

Last time I did my build it was looking like this

Mobo
http://www.newegg.com/product/product.aspx?item=N82E16813130136

Video card
http://www.newegg.com/product/product.aspx?item=N82E16814127329

Power Supply
http://www.newegg.com/product/product.aspx?item=N82E16817703005

CPU
http://www.newegg.com/product/product.aspx?item=N82E16819103211

2 x 2 gigs ram

320 GB HD

I found this mobo recently tho that's cheaper and looks pretty good.
http://www.newegg.com/Product/Product.aspx?Item=N82E16813128090 . It has an onboard video and I was wondering if that would mess with the video card at all or if it'd be fine.

Subject: Re: Building comp (parts)
Posted by Zion on Tue, 19 Feb 2008 01:00:37 GMT
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If you're going with nvidia cards, go for intel processors.

If you're going with AMD processors, go for ATI cards.

General rule of thumb.

There are better intel processors out there which are reasonibly cheap.

Subject: Re: Building comp (parts)
Posted by Dave Anderson on Tue, 19 Feb 2008 01:14:30 GMT
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What is your budget for this build?

Subject: Re: Building comp (parts)
Posted by bisen11 on Tue, 19 Feb 2008 01:19:38 GMT
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Well I originally had another card picked out which was an ATI card but seems to have disapeared on new egg... BTW does the nvidia chipset not really matter? Or at least do ATI cards work just as good on them?

Edit: Found this video card SAPPHIRE 100213 Radeon HD 2900GT 256MB 256-bit GDDR3 PCI Express x16 HDCP Ready CrossFire Supported Video Card - OEM

Subject: Re: Building comp (parts)
Posted by z310 on Tue, 19 Feb 2008 05:46:04 GMT
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Zion Fox wrote on Mon, 18 February 2008 17:00If you're going with nvidia cards, go for intel processors.

If you're going with AMD processors, go for ATI cards.

General rule of thumb.

Reasons would be nice.

Subject: Re: Building comp (parts)
Posted by Chuck Norris on Tue, 19 Feb 2008 06:59:59 GMT
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iih3ro wrote on Tue, 19 February 2008 16:46Zion Fox wrote on Mon, 18 February 2008 17:00If you're going with nvidia cards, go for intel processors.

If you're going with AMD processors, go for ATI cards.

General rule of thumb.

Reasons would be nice.
Ditto. Just becuase AMD owns ATi now, it doesn't mean you have to pair them up and leave the other two (Intel and nVidia) to be paired. Either or works.

bisen11, a few recommendations.

For the PSU, drop it and get a name brand PSU. That brand is known to be bad.

For the video card, get an 8800GT instead. I have that same video card you're looking at, and while it's not as bad as the 8600 series has a reputation for, I'm getting an 8800GT to replace it (and sell the old one to compensate). It'll perform better than 2x8600GTSs and be slightly

cheaper, as well as having double the memory (SLI doesn't double memory). May I recommend the same card I'm getting? It's also MSI and has a better cooling solution than stock 8800GTs do. Good price too. Again, cheaper than the 2x8600GTS AND better performance, with the option to SLI another 8800GT later if you choose to.

http://www.newegg.com/Product/Product.aspx?Item=N82E16814127329

For the CPU, get an AMD 5000+ or 5400+ class CPU and overclock it instead. The 6000+ and 6400+ are at the top of the Athlon 64's limits and don't OC very well from what I hear. On the other hand, the 5000+ and 5400+ can be OCed to be the equivalent of the 6000+. You could get a slower one, OC it, and save money. Specifically, this seems to be a great buy for an AMD CPU.

http://www.newegg.com/Product/Product.aspx?Item=N82E16819103194

The "Black Edition" line of AMD CPUs is the equivalent of Intel's "Extreme" CPUs, that is, it has an unlocked multiplier to get slightly better OCing flexibility. Supposedly, this CPU OCs to 6000+ speeds VERY easily .

It should be a nice rig either way.

Subject: Re: Building comp (parts)
Posted by Ryu on Tue, 19 Feb 2008 11:25:50 GMT
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iih3ro wrote on Tue, 19 February 2008 05:46Zion Fox wrote on Mon, 18 February 2008 17:00If you're going with nvidia cards, go for intel processors.

If you're going with AMD processors, go for ATI cards.

General rule of thumb.

Reasons would be nice.

Agreed.

Subject: Re: Building comp (parts)
Posted by sadukar09 on Tue, 19 Feb 2008 12:10:49 GMT
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I heard the Black Edition of AMD processor don't have stock fans...Btw, if you afford it, get the new 45nm Intel Core 2 Duo.

Subject: Re: Building comp (parts)

Posted by danpaul88 on Tue, 19 Feb 2008 12:14:21 GMT
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Hey, that's the same as my motherboard It's a few years old now, you might want to look for a slightly newer chipset.

Subject: Re: Building comp (parts)
Posted by Zion on Tue, 19 Feb 2008 15:45:24 GMT
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iih3ro wrote on Tue, 19 February 2008 05:46Zion Fox wrote on Mon, 18 February 2008 17:00If you're going with nvidia cards, go for intel processors.

If you're going with AMD processors, go for ATI cards.

General rule of thumb.

Reasons would be nice.

Lets just say my MBP with an Intel Core 2 Duo and an ATi Radeon x1600 don't exactly get along well. Compared to my Intel Pentium D and Nvidia 7900GS, which get along fantasticly.

I'm not saying don't do it, just prepare for minor issues if you do (not constant, don't take my word for it).

Many people who have ATi graphics cards have AMD processors, and likewise for Nvidia cards and Intel processors.

If the case of AMD and Nvidia mix, Apple's MacBook Pro 3.0 would have an ATi card, but it has an Nvidia, because there's less issues and workarounds to complete to get them to work.

Subject: Re: Building comp (parts)
Posted by Caveman on Tue, 19 Feb 2008 16:51:11 GMT
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Zion Fox wrote on Tue, 19 February 2008 01:00If you're going with nvidia cards, go for intel processors.

If you're going with AMD processors, go for ATI cards.

General rule of thumb.

There are better intel processors out there which are reasonibly cheap.

Im perfectly happy with my AMD 6000+ and my nVidia 7900GS OC, and yes the normal AMD 6000+ doesn't overclock well at all. You can maybe push it to 3.2Ghz with stock cooling and then

maybe 3.4Ghz with liqiud cooling. Don't get this CPU if you plan to get impressive overlocking speeds. However it is still a great CPU I haven't had any problems with mine.

Subject: Re: Building comp (parts)
Posted by Romaner on Tue, 19 Feb 2008 23:30:59 GMT
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i would like to point out that the asus m2n32- sli deluxe wifi edition motherboard will slow you down if you ever plan on putting a quad core in there, because the quad core processors can go up to 3600mt/s but this motherboard will not go higher than the front bus speed of 2000mt/sec. now for some stupid reason nvidia screwed up the drivers for 8800gt and the fan will stay at 29% and never change unless you use some program to change it, so if you play a demanding game like crysis and not speed up that fan your video card will be toast in no time.

the reason why i know all this is because 6 months ago i built this sustem and i am now pretty dissapointed. the dual core amds use more power than quad core amds and they run hotter than the quad cores. if you ask me just go spend 200$ and buy yourself a 9500 amd quad core processor, it uses only 95W. then go buy yourself the m3a32-mvp deluxe motherboard and since you go to newegg here is the link for ithttp://www.newegg.com/Product/Product.aspx?Item=N82E16813131224, and this is the link for the processor http://www.newegg.com/Product/Product.aspx?Item=N82E16819103226

just remember that this motherboard is crossfire chipset, thus putting an ATI card in there is better, and there is one that is better and cheaper than the 8800gt. another good thing about the mvp motherboard is that it supports 1066mhz ram while the m2n32 will only go as high as 800mhz.

the reason why i am telling you this is i built this computer in the fall and even though it can run crysis on high settings and still not lag... my friend built his computer in december using the motherboard, and cpu that i have just suggested. his computer will tear mine apart. i have 5200x2 and he has the 9500 phenom.

Subject: Re: Building comp (parts)
Posted by bisen11 on Tue, 19 Feb 2008 23:54:26 GMT
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I would also like to get more opinions on this. If I should go for a quad core. I'll likely be using this comp for the next several years incase that matters. I figure games will probably use multi cores more effeciently in the future as well.

Subject: Re: Building comp (parts)
Posted by Romaner on Wed, 20 Feb 2008 00:21:57 GMT
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you know what, after reading all the reviews on quad core amds on newegg, i would say go with the 6400x2 amd the black box edition, get a good fan for about 20-30$ and you should be fine untill early 2009 when amd is going to release the "fixed" version of their quad core processors. but then again my friends 9500 still beats my 5200x2 so im not sure anymore... i guess more opinions would be nice indeed, i know i am going to stay with this 5200x2 cpu for atleast another year as i dont see it being a bottleneck for my sustem... yet.

but i stand by the mvp mobo that i recommended earlier
and the 8800gt does work ok for me, but for less money you can buy better ati card, so if you do take the mvp mobo make sure to get ati cards.

Subject: Re: Building comp (parts)
Posted by bisen11 on Wed, 20 Feb 2008 00:37:42 GMT
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I'm kinda having trouble on knowing what ram to pick. How do I know what ram is compatible with what motherboards?

Subject: Re: Building comp (parts)
Posted by Romaner on Wed, 20 Feb 2008 00:47:55 GMT
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the manual that comes with the mobo lists manufacturers and stock part numbers that are guaranteed to work with the mobo.

alternatively you could go for good brands that are pretty much sure to work with any mobo, like crucial, kingston, ocz, etc.

my friend has that mvp mobo coupled with ocz, the ones with black heatsinks on them and i think their are called vista performance ram or something like that. they stay really cool with those heatsinks

Subject: Re: Building comp (parts)
Posted by bisen11 on Wed, 20 Feb 2008 01:23:55 GMT
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I think I found some good ram. I'm looking at some more video cards now but the thing that is messing me up is some of them say they interface with PCI express 2.0 x16 slots, this motherboard seems to just have regular PCI x16 slots...

Edit: Nvm, I guess it is 2.0, I guess I must have been looking at the original Mother board.

Subject: Re: Building comp (parts)
Posted by Romaner on Wed, 20 Feb 2008 05:38:03 GMT
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what you want is the pci-e 2.0 slots and the better video card i have seen on newegg is this http://www.newegg.com/Product/Product.aspx?Item=N82E16814103050

this one has pretty good reviews and rating. one thing you got to remember with these cards is that they are really damn long. they are probably around a foot long if not longer, so a mid size tower like the sonata 3 by antec is as small as you can go. trust me i had to deal with it since the sonata is my case and i had one hell of a time fitting the 8800gt in there. 8800s are about the same size as the 3800 series from ati.

one more thing i would recommend for you when looking for ram is to get it with a heatsink, it might be a little bit more but it will greatly reduce the temps on them and make them last longer cause of that.

btw what mobo are you going with? i assumed you are going with the mvp asus one, thats why i suggested the ati card for you.

Subject: Re: Building comp (parts)
Posted by bisen11 on Wed, 20 Feb 2008 06:06:43 GMT
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http://www.newegg.com/product/product.aspx?item=N82E16811144151 This is the tower I was thinking of getting. And I'm going with the Mobo you suggested and probably the Quad core.

Subject: Re: Building comp (parts)
Posted by Caveman on Wed, 20 Feb 2008 07:59:18 GMT
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Just to enlighten you both on AMDs current quad core line. The only time the AMD Phenom 9700 (AMDs top of the line X4) beat a AMD 6000+ X2 was when it came down to multi tasking. Only when both CPUs were made to do a DivX encode and watch a 1080i film did the X4 come out on top. In all the over cases the Dual Core beat the Quad core purely on the fact it has a higher clock speed. To make it worse Intel's slowest X4 beats AMDs best X4.

So it basically boils down to whether you're going to play crysis, encode a video and run an active virus scan all at the same time. If you don't plan on doing so get the 6000+ or better yet the 6400+ just make sure you get a decent air cooler as they dont come with any cooling (Unless its changed?) and they're known to run quite hot.

Subject: Re: Building comp (parts)
Posted by JPNOD on Wed, 20 Feb 2008 11:20:53 GMT
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bisen11 wrote on Mon, 18 February 2008 19:46ASUS M2N-SLI Deluxe AM2 NVIDIA nForce 570 SLI MCP ATX AMD Motherboard $134.99
APEVIA ATX-AS520W-BK ATX 520W Power Supply $59.99
AMD Athlon 64 X2 6000+ Windsor 3.0GHz Socket AM2 125W Dual-Core Processor Model ADX6000CZBOX $159.99
4 gigs ram $93.98
MSI NX8600GTS-T2D256E-OC GeForce 8600GTS 256MB 128-bit GDDR3 PCI Express x16 HDCP Ready SLI Supported Video Card $132.99 x2
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That's the main stuff, just wanted to get some oppinions on whether it sounds good or if there's some better stuff I could get (but still decent price).

UPDATE 2/19: Alright, I've come up with a quad core comp and I got a better video card, I'll likely only get one of them to begin with though.

ASUS M3A32-MVP Deluxe/WiFi AM2+/AM2 AMD 790FX ATX AMD Motherboard

SAPPHIRE 100225L Radeon HD 3870 512MB 256-bit GDDR4 PCI Express 2.0 x16 HDCP Ready CrossFire Supported Video Card

AMD Phenom 9500 Agena 2.2GHz Socket AM2+ 95W Quad-Core Processor Model HD9500WCGDBOX

OCZ Gold 4GB(2 x 2GB) 240-Pin DDR2 SDRAM DDR2 800 (PC2 6400) Dual Channel Kit Desktop Memory Model OCZ2G8004GK

APEVIA ATX-AS520W-BK ATX 520W Power Supply

If you ever plan on running VMWARE, or Hyper-V. Then take in consideration that the AMD Phenom 9500 has a TLB Bug.

Also take in note that new motherboards will have a patch applied that give or take, take away 10% performance.

The TLB bug will occur once in a blue moon, but when it happens the system will hang-up. And yes, it does occur, but 99% of the time when running Virtual software.

And the AMD's don't perform as Phenomanal as what they wanted us to believe.

If I was you I would go with a Intel Core 2 Qaud. Q6600 on n45 and 12MB cache, 1333FSB, to be released soon.

- They have VT
- Perform better then the AMD's
- Overclock better incase you wan't to overclock

Subject: Re: Building comp (parts)
Posted by JPNOD on Wed, 20 Feb 2008 11:23:50 GMT
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Or get the Phenom 9550, which has been fixed (should be no perfomance) loss..

Anyways if your spending on a high end sys I would now seriously go with Intel. As they are cooler, better overclockable, better performance. And yes, do get a Qaud core, it won't be long before apps will be designed for it. Qaud is the way to go.

Subject: Re: Building comp (parts)
Posted by bisen11 on Wed, 20 Feb 2008 19:42:16 GMT
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I didn't see a 9550 on New egg but I did find these two 9600. One seems to be the black edition some people have posted about. The only difference I saw in the specs was that the Black Edition didn't have a heat sink. They're the same price.

http://www.newegg.com/Product/Product.aspx?Item=N82E16819103225

http://www.newegg.com/Product/Product.aspx?Item=N82E16819103244

Subject: Re: Building comp (parts)
Posted by Romaner on Wed, 20 Feb 2008 20:39:37 GMT
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alot of people are complaining that the quads are slower that 6000x2 and 6400x2 processors, and with that they are also full of bugs and flaws. i would suggest to drop the quad idea for now, buy a cheap 6000x2 or 6400x2 and wait until amd sorts out all the bugs and random issues with the quads.

btw your case is a bit too small for a good video card... just read the reviews on that case. people had to cut pieces of aluminum to fit their 8800s cards... so unless you want to get into heavy modification i suggest you pick a bigger case. look at the dimensions of them in the specs tab.

Subject: Re: Building comp (parts)
Posted by Caveman on Wed, 20 Feb 2008 20:40:42 GMT
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Or you could ignore my advice completely. If you're going for X4, do yourself a favor and get a Intel. Im a big AMD fan boy and for me someone like me to turn around and say Intel is the CPU to get it must mean something.

Subject: Re: Building comp (parts)
Posted by bisen11 on Wed, 20 Feb 2008 22:59:56 GMT
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So if I go for the 6000 x2 should i still get that other motherboard? (The M3a32)

Also I found some other cases. The annoying thing is some of them don't specify which demension is the length/width/height.

http://www.newegg.com/Product/Product.aspx?Item=N82E16811133040 This one may be bigger depending on which demension is which...

http://www.newegg.com/Product/Product.aspx?Item=N82E16811208021
Same reason as above.

http://www.newegg.com/Product/Product.aspx?Item=N82E16811129021
This one is just an inch bigger.

Subject: Re: Building comp (parts)
Posted by Romaner on Wed, 20 Feb 2008 23:33:03 GMT
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well you know, caveman is right. atleast for the time being if you want the best machine that you can have now and not buy a "decent" machine and wait for amd to fix their problems with quads you should look into intel.

but if you do choose to go with amd duals and wait for the quads to be out there, then like i said before get the 6000x2 or 6400x2 and stick to that mvp motherboard as it will fully support all amd cpus. while the m2n32 will slow down the quads since its front bus is just over half as fast as the quads can go.

besides mvp is only like 40$ more than the m2n32 and it is a better board, when it comes to transfer rates, to the ram frequencies it can support, and mvp has better built in heat dissipators that will cool it down almost twice as good as the m2n32 board

Subject: Re: Building comp (parts)
Posted by bisen11 on Wed, 20 Feb 2008 23:38:16 GMT
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http://www.newegg.com/Product/Product.aspx?Item=N82E16811124121

This case looks good.

And alright, I'll stick with that motherboard and the 6000.

http://www.newegg.com/product/product.aspx?item=N82E16820227199

Does this ram look good for the mvp mobo? It has a "heat spreader"

Subject: Re: Building comp (parts)
Posted by trooprm02 on Wed, 20 Feb 2008 23:58:29 GMT
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4GB ram for under $100? wtf?

Also, I hope you realize how huge full towers are..

Subject: Re: Building comp (parts)
Posted by Romaner on Thu, 21 Feb 2008 00:05:06 GMT
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yeah those two look good. but like i said i am not the only person on these forums that knows

about parts and such. you should explore all options... check out the bang for the buck with intel aswell. i would hate for you to come back and blame me for your computer costing too much and not outperforming others.

question, does newegg ship to canada? that ram looks soo good....

Subject: Re: Building comp (parts)
Posted by nikki6ixx on Thu, 21 Feb 2008 00:15:36 GMT
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Romaner wrote on Wed, 20 February 2008 18:05
question, does newegg ship to canada? that ram looks soo good....

They don't, unfortunately. We're stuck with tigerdirect, and NCIX.

Subject: Re: Building comp (parts)
Posted by danpaul88 on Thu, 21 Feb 2008 00:29:43 GMT
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trooprm02 wrote on Wed, 20 February 2008 23:584GB ram for under $100? wtf?

RAM is very low priced at the moment actually, so that's not so hard to believe. I got an extra 2gb of Crucial RAM for my machine (2x1gb) for £30 or so recently (~$60 or so) to bring it up to 4gb.

Subject: Re: Building comp (parts)
Posted by bisen11 on Thu, 21 Feb 2008 02:00:52 GMT
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Yeah, there was even cheaper ram I saw. I think the lowest i saw was a 2g stick for $35. But It didn't have many reveiws or anything so I decided not to go for it. Plus didn't have any kind of heat spreader or sink.

Subject: Re: Building comp (parts)
Posted by sadukar09 on Thu, 21 Feb 2008 02:34:15 GMT
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DDR2 Ram prices are dropping a lot, since the new DDR3 is dropping too.

Subject: Re: Building comp (parts)
Posted by Chuck Norris on Thu, 21 Feb 2008 05:44:53 GMT

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nikki6ixx wrote on Wed, 20 February 2008 18:15Romaner wrote on Wed, 20 February 2008 18:05 question, does newegg ship to canada? that ram looks soo good....

They don't, unfortunately. We're stuck with tigerdirect, and NCIX.
They "may" be starting "sometime" in the future, loosely according to some post on their forum site (that I can't find offhand).

Subject: Re: Building comp (parts)
Posted by bisen11 on Sun, 24 Feb 2008 19:12:36 GMT
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I have a question about RAM. When you have a mobo that says it uses DDR2 1066, the 1066 is just the speed of the tranfer, right? So can you use DDR2 800 in that mobo?

Subject: Re: Building comp (parts)
Posted by Caveman on Sun, 24 Feb 2008 20:37:38 GMT
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bisen11 wrote on Sun, 24 February 2008 19:12I have a question about RAM. When you have a mobo that says it uses DDR2 1066, the 1066 is just the speed of the tranfer, right? So can you use DDR2 800 in that mobo?

Yes its up to 1066Mhz/8000MBs

Subject: Re: Building comp (parts)
Posted by bisen11 on Fri, 29 Feb 2008 04:42:02 GMT
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I was reading one of the reviews on a power supply and it said that the 12v were only good to 19 amp and that higher cards needed more than that. I confirmed that the one I'm looking at http://www.newegg.com/product/product.aspx?item=N82E16817371001 Is 19 amp. So how many would a 8800 GT take?

Here is the current build I'm looking at

Case
http://www.newegg.com/product/product.aspx?item=N82E16811124121

Mobo
http://www.newegg.com/product/product.aspx?item=N82E16813130136

Graphic card

http://www.newegg.com/product/product.aspx?item=N82E16814127329

Processor
http://www.newegg.com/product/product.aspx?item=N82E16819103228

Memory
http://www.newegg.com/product/product.aspx?item=N82E16820227199

Hard drive
http://www.newegg.com/product/product.aspx?item=N82E16822148262

Wireless Card
http://www.newegg.com/product/product.aspx?item=N82E16833127080

Subject: Re: Building comp (parts)
Posted by Chuck Norris on Fri, 29 Feb 2008 10:37:23 GMT
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That PSU looks good. If you're not after it for the MIR price, at the default price range, I'd step it up to the PC Power & Cooling Silencer 610. It's slightly more expensive and rated slightly lower, but it has 49A on a single +12V rail (with those triple rails, you don't add them up and get the total becuase it doesn't work that way), and better quality (though Antec's good too). That's more preference though. That PSU you selected is good, especially if the MIR proce is honored by Antec.

For the HDD, 70GB more for an extra $5.00 here.

http://www.newegg.com/product/product.aspx?Item=N82E16822136074

BTW, if you're overclocking, I have to again reccomend dropping the 6400+ and going with a 5000+ or 5400+. They're both virtually the same chip except the 6400+ is clocked a bit higher. That extra speed can asily be equaled by overclocking the other two, and the 6400+ doesn't have as much overclocking headroom. It'll save you a third of the price on the CPU.

Subject: Re: Building comp (parts)
Posted by Romaner on Fri, 29 Feb 2008 18:32:45 GMT
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looks all good, i have a 5200x2 and i havent tried overclocking it yet so i dont know how much it does go... but you might want to explore what MR. Norris here said

otherwise everything looks pretty good. you might have to get a bigger psu later on if you are planning on putting another 8800gt in there in sli mode later.
just to warn you, you will most likely have to use somekind of software to change your fan speed

since alot of the 8800's have bad fan control or plain lack thereof. if it is set at 29% and it wont move up in speed when your temps go up then you will have to look into it before you play games like crysis.

also in reviews about your selected motherboard some one said it will only recognize a maximum of 7gigs of ram, even though you can put 8gigs in... doesnt sound too good to me. but then again 7gigs of ram is still alot

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Subject: Re: Building comp (parts)
Posted by sadukar09 on Fri, 29 Feb 2008 20:15:00 GMT
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Unless you have 64 Bit Windows, part of your memory will go to waste.

Subject: Re: Building comp (parts)
Posted by bisen11 on Fri, 29 Feb 2008 20:33:13 GMT
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Chuck Norris wrote on Fri, 29 February 2008 05:37That PSU looks good. If you're not after it for the MIR price, at the default price range, I'd step it up to the PC Power & Cooling Silencer 610. It's slightly more expensive and rated slightly lower, but it has 49A on a single +12V rail (with those triple rails, you don't add them up and get the total becuase it doesn't work that way), and better quality (though Antec's good too). That's more preference though. That PSU you selected is good, especially if the MIR proce is honored by Antec.

For the HDD, 70GB more for an extra $5.00 here.

http://www.newegg.com/product/product.aspx?Item=N82E16822136074

BTW, if you're overclocking, I have to again reccomend dropping the 6400+ and going with a 5000+ or 5400+. They're both virtually the same chip except the 6400+ is clocked a bit higher. That extra speed can asily be equaled by overclocking the other two, and the 6400+ doesn't have as much overclocking headroom. It'll save you a third of the price on the CPU.

I didn't see a 610 on newegg. There's a 750 and a 360.

I've never overclocked anything before. Are there good tutorials on overclocking those specififc processors then?

And as for the vid card, it's supposed to come factory overclocked so I wonder if that includes the fan. I'll have to look at the reveiws again and see if they say anything.

Subject: Re: Building comp (parts)
Posted by Chuck Norris on Sat, 01 Mar 2008 16:35:47 GMT
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It's there. It's the same PSU I have.

http://www.newegg.com/product/product.aspx?Item=N82E16817703005

That specific 8800 GT is fine. I have it too. The fan is just about DEAD SILENT (that is not an exaggerration). The cooling is better than stock, and even though the fan is only at 30% (the stock cooling is at 29%), my temperatures range from 49C idle to about 60C load (I do have two fans blowing on the side of the card though). It blows some air out the back of the case, but not all. It uses a cooling solution similar to the 7900 GTX, except it's a bit smaller, but that's compensated by using cooper heatpipes (I believe the 7900 GTXs used aluminum). The only problem I've heard about the fan from those reviews is that it seems to be too close to the plastic shroud and it clicks against it, but mine doesn't. Most people saying that seemed to increased the fan speed (I didn't, becuase it doesn't need it and that just makes it louder).

As for overclocking, it's both simple and complex. A monkey could do it, but you still have to know what you're doing. You can save either money, or time and trouble (but if you're experienced, you can save both). If you just want to buy the faster chip and be done with it without worrying about screwing around with and perfecting/tweaking a good overclock, and are willing to pay extra for the 6400+, then save the time and trouble and go with that. If you want to save money, the 5000+ and 5400+ are basically the same chip that be turned into a 6400+ with changing a few settings. Depends on what you want. I know overclocking isn't for everyone, so it's up to you. During my last build, I told myself I wasn't interested in it since I've never done it before, but with the Core 2 Duos (which is what I went with), you'd be wasting it not to, so I'm glad I tried it.

Here's a guide on the basics to give you an idea what's it like to decide if you want to go with it or not.

http://www.pcstats.com/articleview.cfm?articleID=1804

Basically, overclcoking AMD and Intel is the same. The CPUs speed is determined by it's mulitplier multiplied by it's FSB (front side bus). Since MOST CPUs have their multiplier locked, you have to raise the FSB. This requires decent RAM since your RAM has to run faster as you raise your FSB, since FSB is the speed at which your CPU and RAM communicate. And thus, by simply raising the FSB seting in your motherboard BIOS, you raise the CPUs speed. Voltage and heat are factors, but if you're not going for an extreme overclock, they're usually not big factors.

In the end though, you won't go wrong wither way. You'll end up with a good performing PC.

Subject: Re: Building comp (parts)
Posted by bisen11 on Sun, 02 Mar 2008 05:54:05 GMT
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I'm slightly confused about that PSU. Since it only has one 12v@49A does that mean it would

only power one video card since there's only one connector?

Subject: Re: Building comp (parts)
Posted by Chuck Norris on Mon, 03 Mar 2008 07:50:49 GMT
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It's an SLi certified PSU, so...

The amount of +12V rails is mostly irrelevant to the number of video cards it can connect to and power. The whole thing stemmed when an optional regulation came about not to put more than so many (19?) amps on a single rail. Most PSUs followed the regulation, and gave the PSU more +12V Amps by making multiple rails. Marketing uses the "more is better" to make them sound better than old single rail PSUs, but it's not so. Read their website.

http://www.pcpower.com/technology/myths/

49 amps is actually very huge. Remember, multiple rail PSUs don't get a total +12V rating by adding them all up (it's actually more like half to two-thirds the total or something). As for that PSU, it has 2 PCI Express connectors. One is a 6-pin connector and another is a 6+2 (6 or 8) pin connector.

Subject: Re: Building comp (parts)
Posted by bisen11 on Fri, 25 Apr 2008 01:43:23 GMT
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(updated original post)

Subject: Re: Building comp (parts)
Posted by nikki6ixx on Fri, 25 Apr 2008 02:42:02 GMT
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I have a 5000+, and I love it. Nice and fast, and not even overclocked.

Plus, why the hell do the heatsinks of graphics cards always seem to have the face of some chick on them?