

Forum:[Hack Forums](#)

Thread: [\[BUILD\] First Build | Need YOUR Help \[BUILD\]](#)

suRge - December 26, 2011, 7:45 pm

I am planning to build a PC, any help is needed.

Code ☒ AZZA Solano 1000R Case

☒ Corsair TX650W Power Supply

☐ ASUS Rampage III Formula Republic of Gamers - motherboard - ATX - LGA1366 Socket - X58 - LGA1366 Socket

☐ Intel Core i7-980 Processor 3.3 GHz LGA-1366

☐ Corsair 24 GB Vengeance PC3-12800 1600mhz 240-pin Triple Channel DDR3

☐ EVGA GeForce GTX 570 HD Superclocked 1280 MB GDDR5 PCI E

☐ 8x WD Caviar Blue 1 TB - 600 MBps - 7200 rpm

☐ Undecided Cooling System

Programmargorp - December 26, 2011, 7:50 pm

Which i7 is this?

The intel server board runs Xeons

Why do you need 64 gb ram?

Why only one graphics card?

Why 8 hard drives when the board only has 6 connectors?

If you really want RAID, why not a RAID card?

Overall i think the build is pretty retarded.

suRge - December 26, 2011, 8:04 pm

(Dec 26, 2011 08:50 PM)programmargorp Wrote: [\[CITE\]](#) Which i7 is this?

The intel server board runs Xeons

Why do you need 64 gb ram?

Why only one graphics card?

Why 8 hard drives when the board only has 6 connectors?

If you really want RAID, why not a RAID card?

Overall i think the build is pretty retarded.

Overall I know absolutely jack-shit about this... was hoping for some type of help.

So in response:

Code ☒ AZZA Solano 1000R Case

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☐ 8x WD Caviar Blue 1 TB - 600 MBps - 7200 rpm

☐ Undecided Cooling System

It has 8 internal 3.5" slots

I agree, and thats why I asked.

Programmargorp - December 26, 2011, 8:08 pm

My advice, spend less on the processor, spend more on the GPU, get SLI 570's or CFX 6970s
Also 8 drives is retarded.

Having 8 drive slots doesn't mean it will support 8 drives, some of them will fry.
That mobo doesn't even have 8 connectors.

Bengali - December 26, 2011, 8:15 pm

CPU

<http://www.newegg.com/Product/Product.aspx?Item=N82E16819116491>

Motherboard

<http://www.newegg.com/Product/Product.aspx?Item=N82E16813157285>

RAM

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231315>

Graphics card

<http://www.newegg.com/Product/Product.aspx?Item=N82E16814131391> (two of these in crossfire)

Boot drive

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820227706>

Storage drive

<http://www.newegg.com/Product/Product.aspx?Item=N82E16822152185>

Optical drive

<http://www.newegg.com/Product/Product.aspx?Item=N82E16827106346>

Power supply

<http://www.newegg.com/Product/Product.aspx?Item=N82E16817256057>

CPU cooler

<http://www.newegg.com/Product/Product.aspx?Item=N82E16835608018>

Case

<http://www.newegg.com/Product/Product.aspx?Item=N82E16811119160>

Total comes to \$2994.89.

suRge - December 26, 2011, 8:20 pm

Thank you for all of that. I don't really know enough to do this quite yet. I will slowly build it as time goes on.

Plus, I want to stick with my case... Just saying.

Aldo. - December 26, 2011, 8:49 pm

CPU: i7 2600k

<http://www.newegg.com/Product/Product.aspx?Item=N82E16819115070>

MOBO: ASUS P8Z68 DELUXE

<http://www.newegg.com/Product/Product.aspx?Item=N82E16813131791>

Ram: CORSAIR Vengeance 8GB (2 x 4GB)

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820233186>

GPU: Radeon HD 6970 X2 Crossfire

<http://www.newegg.com/Product/Product.aspx?Item=N82E16814131391>

CPU Cooler: COOLER MASTER Hyper 212 EVO

<http://www.newegg.com/Product/Product.aspx?Item=N82E16835103099>

PSU: CORSAIR Enthusiast Series TX850M

<http://www.newegg.com/Product/Product.aspx?Item=N82E16817139029>

Boot Drive: Crucial M4 CT128M4SSD

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820148442>

Storage drive: SAMSUNG Spinpoint F3

<http://www.newegg.com/Product/Product.aspx?Item=N82E16822152185>

DVD Drive: ASUS 24X DVD Burner

<http://www.newegg.com/Product/Product.aspx?Item=N82E16827135204>

Case: COOLER MASTER HAF 932

<http://www.newegg.com/Product/Product.aspx?Item=N82E16811119160>

Total:

\$1,938.89

akeid - December 26, 2011, 8:51 pm

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=18952326>

This includes monitor, mouse, and keyboard.

IT IS THE BEST COMPUTER EVER!!

suRge - December 26, 2011, 8:59 pm

I am going to try again, and please critique it. I will post it tomorrow. It will mostly be based off of either Aldo's or Amar's.

akeid - December 26, 2011, 9:01 pm

You should have two 6970s and a 3930k.

Yeezus - December 26, 2011, 9:20 pm

The video card is going the bottle neck the hell out of that processor.

Aldo. - December 26, 2011, 9:44 pm

(Dec 26, 2011 09:59 PM)suRge Wrote: [\[CITE\]](#) I am going to try again, and please critique it. I will post it tomorrow. It will mostly be based off of either Aldo's or Amar's.

Hopefully Imm will have his recommended build but most likely he build will be similar to the one I posted, only thing for sure I know he might add different is a NXT Phantom for a case

(Dec 26, 2011 10:20 PM)iCxLegion Wrote: [\[CITE\]](#) The video card is going the bottle neck the hell out of that processor.Excuse me but how the fuck does a video card bottleneck a processor?

(Dec 26, 2011 10:01 PM)akeid Wrote: [\[CITE\]](#) You should have two 6970s and a 3930k. Why the fuck does he need 6 cores and 6 virtual cores?

i5 2500k is 100% fine, unless he is going to be doing rendering then he should get an i7 2600k

suRge - December 26, 2011, 10:02 pm

Aldo. Wrote: i5 2500k is 100% fine, unless he is going to be doing rendering then he should get an i7 2600k

If by this you mean film rendering, then yes. I definitely plan to do so.

iFaTaLiTy - December 26, 2011, 10:05 pm

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=19253046>

without keyboard and mouse

Aldo. - December 26, 2011, 10:16 pm

(Dec 26, 2011 11:02 PM) suRge Wrote: [\[CITE\]](#) If by this you mean film rendering, then yes. I definitely plan to do so.

I updated the build I posted with an i7 2600k

(Dec 26, 2011 11:05 PM) iFaTaLiTy Wrote: [\[CITE\]](#)

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=19253046>

without keyboard and mouse

That's a stupid build

1000w for a i7 2600 and a single 560Ti?

The i7 2600 has a locked multiplier so if the OP wants to squeeze more juice out the CPU by overclocking it he cant

Also horrible case and PSU for a build of this price

Also your missing storage and optical drives

suRge - December 26, 2011, 10:25 pm

(Dec 26, 2011 11:16 PM) Aldo. Wrote: [\[CITE\]](#) I updated the build I posted with an i7 2600k

Thank you very much. I will probably end up using your build suggestions. I appreciate the time you've taken & help you've given. I will definitely have more questions, and I apologize in advance. Also, can I keep my AZZA case with your build? I really like it & just purchased it.

?Hacker™ - December 26, 2011, 10:26 pm

I would grab dual gtx 560 ti cards since its more cheaper then any high end cards and performance is better.

Bengali - December 26, 2011, 11:06 pm

@Aldo \$170 for a micro-atx board? Really? Kindly change it to a ATX board before OP buys it.

Aldo. - December 26, 2011, 11:28 pm

(Dec 27, 2011 12:06 AM) amarshonarbangla Wrote: [\[CITE\]](#) @Aldo \$170 for a micro-atx board? Really? Kindly change it to a ATX board before OP buys it.

Haha, Thanks for pointing that out

Running on fumes ATM

(Dec 26, 2011 11:25 PM)suRge Wrote: [\[CITE\]](#) Thank you very much. I will probably end up using your build suggestions. I appreciate the time you've taken & help you've given. I will definitely have more questions, and I apologize in advance.

Also, can I keep my AZZA case with your build? I really like it & just purchased it.
Can you provide a picture or something and check the build again updated!

(Dec 26, 2011 11:26 PM)?Hacker™ Wrote: [\[CITE\]](#) I would grab dual gtx 560 ti cards since its more cheaper then any high end cards and performance is better.

Two HD 6970s Beats Two GTX 560 TIs

Please read the whole thread before you post

akeid - December 26, 2011, 11:59 pm

(Dec 26, 2011 10:44 PM)Aldo. Wrote: [\[CITE\]](#) Why the fuck does he need 6 cores and 6 virtual cores?

i5 2500k is 100% fine, unless he is going to be doing rendering then he should get an i7 2600k
Chill out. Kid said he wanted to spend three grand, so I gave him a build that was three grand.

suRge - December 27, 2011, 7:10 am

Aldo. Wrote:Can you provide a picture or something and check the build again updated!

Sure thing: <http://www.newegg.com/Product/Product.aspx?Item=N82E16811517006>

And alright, im checking again.

Im not purchasing anything until im sure it will all work and its finalized.

UPDATE:

I have now saved what i have so far into a wishlist. You can view it here:

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=22789207>

Before I go ahead and buy it, I am still hoping for more suggestions and feedback.

Bengali - December 27, 2011, 9:31 am

Way too many RAM sticks. That mobo only has 4 slots, so you will need 4 sticks only

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231312>

Change your cooler to this

<http://www.newegg.com/Product/Product.aspx?Item=N82E16835608018>

And change your case to this

<http://www.newegg.com/Product/Product.aspx?Item=N82E16811119160>

Everything else looks fine.

suRge - December 27, 2011, 9:47 am

(Dec 27, 2011 10:31 AM)amarshonarbangla Wrote: [\[CITE\]](#) Way too many RAM sticks. That mobo only has 4 slots, so you will need 4 sticks only

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231312>

Change your cooler to this

<http://www.newegg.com/Product/Product.aspx?Item=N82E16835608018>

And change your case to this

<http://www.newegg.com/Product/Product.aspx?Item=N82E16811119160>

Everything else looks fine.

I realized that, thank you. I meant to choose the 4 x 8GB.

Doesn't the RAM need to be a DDR3 1600?

I updated the cooler.

I am keeping my case though.

New TOTAL: \$1,971.89

Bengali - December 27, 2011, 9:56 am

(Dec 27, 2011 10:47 AM)suRge Wrote: [\[CITE\]](#) I realized that, thank you. I meant to choose the 4 x 8GB.

Doesn't the RAM need to be a DDR3 1600?

I updated the cooler.

I am keeping my case though.

New TOTAL: \$1,971.89

No it doesn't have to be 1600. 1333 is just fine.

That cooler won't fit inside the AZZA case without removing the side fan. If you are willing to do that, fine get that case. Otherwise get the HAF 932.

suRge - December 27, 2011, 10:00 am

(Dec 27, 2011 10:56 AM)amarshonarbangla Wrote: [\[CITE\]](#) No it doesn't have to be 1600. 1333 is just fine.

That cooler won't fit inside the AZZA case without removing the side fan. If you are willing to do that, fine get that case. Otherwise get the HAF 932. Oh, okay. Just wanted to make sure.

Then why don't I just stick with the old cooler? I believe I will have enough cooling for the whole system either way.

Bengali - December 27, 2011, 10:06 am

(Dec 27, 2011 11:00 AM)suRge Wrote: [\[CITE\]](#) Oh, okay. Just wanted to make sure.

Then why don't I just stick with the old cooler? I believe I will have enough cooling for the whole system either way.

Sure you could do that. I just wanted to suggest the best for you.

Aldo. - December 27, 2011, 10:09 am

No, if you plan to overclock you will need an aftermarket cooler

suRge - December 27, 2011, 10:17 am

(Dec 27, 2011 11:06 AM)amarshonarbangla Wrote: [\[CITE\]](#) Sure you could do that. I just wanted to suggest the best for you. Thanks for the suggestion.

(Dec 27, 2011 11:09 AM)Aldo. Wrote: [\[CITE\]](#) No, if you plan to overclock you will need an aftermarket cooler. Is it recommended to overclock? Because I want it to last a while. And is there a cooler that will fit my case for it?

Also, may you please check it out so far and see if its any good?

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=22789207>

illLusion - December 27, 2011, 10:53 am

You are too new, go read some tutorials when you actually know a little bit of what you are saying.

Go on Youtube, type "How to build a computer", and watch some for an hour.

suRge - December 27, 2011, 11:06 am

(Dec 27, 2011 11:53 AM)-Nightmare- Wrote: [\[CITE\]](#) You are too new, go read some tutorials when you actually know a little bit of what you are saying.

Go on Youtube, type "How to build a computer", and watch some for an hour.

That's why I am here. I have watched a few videos, but I wanted to get your guys opinion because I am so new to it. I have to actually BUILD one to get any more experience.

I am still looking at videos though.

Socks. - December 27, 2011, 1:19 pm

[X] AZZA Solano 1000R Case

[X] Corsair TX650W Power Supply

[] ASUS Rampage III Formula Republic of Gamers - motherboard - ATX - LGA1366 Socket - X58 - LGA1366 Socket

[] Intel Core i7-980 Processor 3.3 GHz LGA-1366

[] Corsair 24 GB Vengeance PC3-12800 1600mhz 240-pin Triple Channel DDR3

[] EVGA GeForce GTX 570 HD Superclocked 1280 MB GDDR5 PCI E

[] 8x WD Caviar Blue 1 TB - 600 MBps - 7200 rpm

[] Undecided Cooling System

Go with 8bg of RAM and and Mobo around \$150 (This in not my build, you don't have a listen to me.)

Good luck and Happy Building

Aldo. - December 27, 2011, 2:48 pm

when i get home i will help you out again 3-4hrs

Banks? - December 27, 2011, 4:13 pm

<https://hackforums.net/showthread.php?tid=1841423>

That's my current build, except for you I would change the i5 to the [i7-2600k](#), and the motherboard to [this](#), and the case to [this](#).

Just my suggestions.

Aldo. - December 27, 2011, 6:12 pm

(Dec 27, 2011 11:17 AM)suRge Wrote: [\[CITE\]](#) Is it recommended to overclock? Because I want it to last a while. And is there a cooler that will fit my case for it?

Also, may you please check it out so far and see if its any good?

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=22789207>

If you want it to last a while then sometime and the future yes you are are gonna wanna overclock it to squeeze more juice out of it

<http://www.newegg.com/Product/Product.aspx?Item=N82E16835103046>

This cooler will for sure fit in your case

1156 socket coolers do work with 1155 socket cpus

(Dec 27, 2011 05:13 PM)?anksy Wrote: [\[CITE\]](#) <https://hackforums.net/showthread.php?tid=1841423>

That's my current build, except for you I would change the i5 to the [i7-2600k](#), and the motherboard to [this](#), and the case to [this](#).

Just my suggestions.

Did you even look at the build on the wishlist before posting?

suRge - December 27, 2011, 7:29 pm

(Dec 27, 2011 07:12 PM)Aldo. Wrote: [\[CITE\]](#) If you want it to last a while then sometime and the future yes you are gonna wanna overclock it to squeeze more juice out of it

<http://www.newegg.com/Product/Product.aspx?Item=N82E16835103046>

This cooler will for sure fit in your case
1156 socket coolers do work with 1155 socket cpus
Alright, thanks for the reply. I added that to the wishlist.

Now, I have tried to take a cheaper approach because I dont really need 2 graphics cards. And this is my first build, so I don't need to spend that much money on it.

So can you please critique this (second) attempted build idea?

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=15917611>

TOTAL: \$1,033.37

Banks? - December 27, 2011, 7:39 pm

What's your price range? Are you going to use this computer to game?

suRge - December 27, 2011, 7:41 pm

(Dec 27, 2011 08:39 PM)?anksy Wrote: [\[CITE\]](#) What's your price range? Are you going to use this computer to game?

I am aiming for about \$1,000.

If you read the original post: No, I do not plan to game. Mainly HD film editing and rendering, programming, running scripts, and the usual.

Aldo. - December 27, 2011, 7:43 pm

(Dec 27, 2011 08:29 PM)suRge Wrote: [\[CITE\]](#) Alright, thanks for the reply. I added that to the wishlist.

Now, I have tried to take a cheaper approach because I dont really need 2 graphics cards. And this is my first build, so I don't need to spend that much money on it.

So can you please critique this (second) attempted build idea?

<http://secure.newegg.com/WishList/PublicWishDetail.aspx?WishListNumber=15917611>

TOTAL: \$1,033.37

Go with this RAM

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231428>

More than enough, and cheaper

Banks? - December 27, 2011, 7:44 pm

(Dec 27, 2011 08:41 PM)suRge Wrote: [\[CITE\]](#) I am aiming for about \$1,000.

If you read the original post: No, I do not plan to game. Mainly HD film editing and rendering, programming, running scripts, and the usual.

Well I read the original post and you didn't say anything about it, so that's why I asked.

Also, like others have said, you will want an i7 for rendering and things like that.

suRge - December 27, 2011, 8:07 pm

(Dec 27, 2011 08:43 PM)Aldo. Wrote: [\[CITE\]](#) Go with this RAM

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231428>

More than enough, and cheaperDone, updated wishlist.

Other than that, does everything seem functional and reasonable?

(Dec 27, 2011 08:44 PM)?anksy Wrote: [\[CITE\]](#) Well I read the original post and you didn't say anything about it, so that's why I asked.

Also, like others have said, you will want an i7 for rendering and things like that.Sorry, I must have edited it out or said it at a later time.

I heard that the i5 2500K (that I have in my wishlist) will do the job as well.

Aldo. - December 27, 2011, 8:32 pm

(Dec 27, 2011 09:07 PM)suRge Wrote: [\[CITE\]](#) Done, updated wishlist.

Other than that, does everything seem functional and reasonable?

Yes it does

Good Luck with your build!

suRge - December 27, 2011, 8:34 pm

(Dec 27, 2011 09:32 PM)Aldo. Wrote: [\[CITE\]](#) Yes it does

Good Luck with your build!

Thank you very much for your help.

Thanks, I might need it. I will be sure to update you (and this forum) when my build is complete.