

Forum:[Hack Forums](#)

Thread: [Need a Custom Gaming Build](#)

Kansas - July 30, 2014, 11:54 am

I need a custom gaming computer build done, it'll be mostly for WoW.

I'd like to be able to have the option to easily record/stream if I ever wanted to do that as well, because it might be something I would want to do down the road.

As far as a budget goes, like \$1250.

ps no ssd's, they're pointless for what i do

Ansa - July 30, 2014, 12:18 pm

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i5-4690K 3.5GHz Quad-Core Processor](#) (\$199.99 @ Micro Center)
CPU Cooler: [Cooler Master Hyper 212 EVO 82.9 CFM Sleeve Bearing CPU Cooler](#) (\$22.99 @ Micro Center)
Motherboard: [MSI Z97-G55 SLI ATX LGA1150 Motherboard](#) (\$78.99 @ Newegg)
Memory: [A-Data XPG V1.0 8GB \(2 x 4GB\) DDR3-1866 Memory](#) (\$72.99 @ Amazon)
Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)
Video Card: [MSI GeForce GTX 780 Ti 3GB TWIN FROZR Video Card](#) (\$599.99 @ Newegg)
Case: [BitFenix Merc Alpha \(Black\) ATX Mid Tower Case](#) (\$34.99 @ NCIX US)
Power Supply: [EVGA 600B 600W 80+ Bronze Certified ATX Power Supply](#) (\$44.99 @ NCIX US)
Total: \$1109.91
Prices include shipping, taxes, and discounts when available
Generated by PCPartPicker 2014-07-30 15:18 EDT-0400

Will suit all your needs :3

unSatisfied - July 30, 2014, 1:39 pm

(Jul 30, 2014 12:18 PM)ninorossii Wrote: [\[CITE\] PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i5-4690K 3.5GHz Quad-Core Processor](#) (\$199.99 @ Micro Center)
CPU Cooler: [Cooler Master Hyper 212 EVO 82.9 CFM Sleeve Bearing CPU Cooler](#) (\$22.99 @ Micro Center)
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Prices include shipping, taxes, and discounts when available
Generated by PCPartPicker 2014-07-30 15:18 EDT-0400

Will suit all your needs :3

Better CPU heatsink: <http://pcpartpicker.com/part/enermax-cpu-cooler-etst40tb>

If he wants to stream he should go with a i7 4790k

Ansa - July 30, 2014, 1:44 pm

(Jul 30, 2014 01:39 PM)unSatisfied Wrote: [\[CITE\]](#) Better CPU heatsink:
<http://pcpartpicker.com/part/enermax-cpu-cooler-etst40tb>

If he wants to stream he should go with a i7 4790k

Like this?:

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i7-4790K 4.0GHz Quad-Core Processor](#) (\$279.99 @ Micro Center)
CPU Cooler: [Enermax ETS-T40-TB 86.7 CFM CPU Cooler](#) (\$34.99 @ Newegg)
Motherboard: [MSI Z97-G55 SLI ATX LGA1150 Motherboard](#) (\$78.99 @ Newegg)
Memory: [A-Data XPG V1.0 8GB \(2 x 4GB\) DDR3-1866 Memory](#) (\$72.99 @ Amazon)
Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)
Video Card: [MSI GeForce GTX 780 Ti 3GB TWIN FROZR Video Card](#) (\$599.99 @ Newegg)
Case: [BitFenix Merc Alpha \(Black\) ATX Mid Tower Case](#) (\$34.99 @ NCIX US)
Power Supply: [EVGA 600B 600W 80+ Bronze Certified ATX Power Supply](#) (\$44.99 @ NCIX US)
Total: \$1201.91

Prices include shipping, taxes, and discounts when available

Generated by PCPartPicker 2014-07-30 16:43 EDT-0400

Narvikz - July 30, 2014, 2:03 pm

Quote:[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i7-4790 3.6GHz Quad-Core Processor](#) (\$294.99 @ Newegg)
Motherboard: [ASRock Fatal1ty H97 Killer ATX LGA1150 Motherboard](#) (\$113.91 @ Newegg)
Memory: [G.Skill Ripjaws X Series 8GB \(2 x 4GB\) DDR3-1600 Memory](#) (\$88.79 @ NCIX US)
Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)
Video Card: [MSI GeForce GTX 780 Ti 3GB TWIN FROZR Video Card](#) (\$599.99 @ Newegg)
Case: [Thermaltake VL80001W2Z ATX Mid Tower Case](#) (\$22.99 @ Micro Center)
Power Supply: [Corsair CSM 550W 80+ Gold Certified Semi-Modular ATX Power Supply](#) (\$64.99 @ Micro Center)
Optical Drive: [LG GH24NSB0 DVD/CD Writer](#) (\$13.99 @ Newegg)
Total: \$1254.63

Prices include shipping, taxes, and discounts when available

Generated by PCPartPicker 2014-07-30 17:04 EDT-0400

Assuming you don't want to overclock, this will be the best you'll be able to do. Enjoy mate ?

Antinormality - July 30, 2014, 2:31 pm

(Jul 30, 2014 02:03 PM)ThatGuyPT Wrote: [\[CITE\]](#) Assuming you don't want to overclock, this will be the best you'll be able to do. Enjoy mate ?

Not overclocking is like having a racecar but never taking it to the racetrack. Wasted money, you could also drive a Fiat Punto than which uses less fuel.

(although if you own a Lambo or something I doubt you give a fuck about fuel pricing).

Ansa - July 30, 2014, 3:17 pm

(Jul 30, 2014 02:31 PM)Assault Rains Wrote: [\[CITE\]](#) Not overclocking is like having a racecar but never taking it to the racetrack. Wasted money, you could also drive a Fiat Punto than which uses less fuel.

(although if you own a Lambo or something I doubt you give a fuck about fuel pricing). You made a nice example why you would want to overclock :3

M?tt - July 30, 2014, 3:18 pm

I think ninorossiis' suggestion would give you the best for your budget. Good luck OP.

unSatisfied - July 30, 2014, 3:22 pm

(Jul 30, 2014 02:03 PM)ThatGuyPT Wrote: [\[CITE\]](#) Assuming you don't want to overclock, this will be the best you'll be able to do. Enjoy mate ?

RAM is overpriced, and I don't think one really needs a cd reader/writer anymore, they're super outdated. Also, why not overclock? It's free performance essentially.

Narvikz - July 30, 2014, 3:36 pm

(Jul 30, 2014 02:31 PM)Assault Rains Wrote: [\[CITE\]](#) Not overclocking is like having a racecar but never taking it to the racetrack. Wasted money, you could also drive a Fiat Punto than which uses less fuel.

(although if you own a Lambo or something I doubt you give a fuck about fuel pricing).

Because:

A) He might not want to overclock because he is afraid of screwing up.

B) He might be a general user and not know how to overclock (Like 80% of the people).

(Jul 30, 2014 03:22 PM)unSatisfied Wrote: [\[CITE\]](#) RAM is overpriced, and I don't think one really needs a cd reader/writer anymore, they're super outdated. Also, why not overclock? It's free performance essentially.

RAM isn't overpriced, it's just CL7.

Although yes, if he wants to overclock ninorossii's probably better.

Antinormality - July 30, 2014, 4:15 pm

(Jul 30, 2014 03:36 PM)ThatGuyPT Wrote: [\[CITE\]](#) Because:

A) He might not want to overclock because he is afraid of screwing up.

B) He might be a general user and not know how to overclock (Like 80% of the people).

RAM isn't overpriced, it's just CL7.

Although yes, if he wants to overclock ninorossii's probably better.

Screwing up is pretty hard if you follow some guides, the members here are generally pretty open to assistance coming to that topic. Juice that thing to the max, you paid for it so juice it.

?Magician - July 30, 2014, 4:21 pm

K.

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i5-4690K 3.5GHz Quad-Core Processor](#) (\$234.99 @ NCIX US)

CPU Cooler: [Noctua NH-D14 65.0 CFM CPU Cooler](#) (\$69.99 @ Newegg)

Motherboard: [Gigabyte GA-Z97X-UD3H ATX LGA1150 Motherboard](#) (\$139.99 @ Amazon)

Memory: [A-Data XPG V1.0 8GB \(2 x 4GB\) DDR3-1866 Memory](#) (\$72.99 @ Amazon)

Storage: [Samsung 840 EVO 120GB 2.5" Solid State Drive](#) (\$80.99 @ NCIX US)

Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)

Video Card: [Gigabyte Radeon R9 290X 4GB WINDFORCE Video Card](#) (\$459.99 @ Newegg)

Case: [Corsair 200R ATX Mid Tower Case](#) (\$47.99 @ Micro Center)

Power Supply: [EVGA 750W 80+ Gold Certified Fully-Modular ATX Power Supply](#) (\$84.99 @ NCIX)

US)

Total: \$1246.90

Prices include shipping, taxes, and discounts when available

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unSatisfied - July 30, 2014, 4:29 pm

(Jul 30, 2014 04:15 PM)Assault Rains Wrote: [\[CITE\]](#) Screwing up is pretty hard if you follow some guides, the members here are generally pretty open to assistance coming to that topic. Juice that thing to the max, you paid for it so juice it.

All you have to do is follow a simple guide for whatever processor you want to overclock, many people make guides like this to achieve a simple (yet somewhat small) overclock.

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i7-4790K 4.0GHz Quad-Core Processor](#) (\$339.98 @ SuperBiiz)

CPU Cooler: [Enermax ETS-T40-TB 86.7 CFM CPU Cooler](#) (\$34.99 @ Newegg)

Motherboard: [MSI Z97-G55 SLI ATX LGA1150 Motherboard](#) (\$78.99 @ Newegg)

Memory: [A-Data XPG V1.0 8GB \(2 x 4GB\) DDR3-1866 Memory](#) (\$72.99 @ Amazon)

Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)

Video Card: [MSI GeForce GTX 780 Ti 3GB TWIN FROZR Video Card](#) (\$599.99 @ Newegg)

Case: [Corsair 200R ATX Mid Tower Case](#) (\$47.99 @ Micro Center)

Power Supply: [EVGA 600B 600W 80+ Bronze Certified ATX Power Supply](#) (\$44.99 @ NCIX US)

Total: \$1274.90

Prices include shipping, taxes, and discounts when available

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OR if you want cooler GPU temperatures so you can overclock and an SSD:

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i7-4790K 4.0GHz Quad-Core Processor](#) (\$339.98 @ SuperBiiz)

CPU Cooler: [Enermax ETS-T40-TB 86.7 CFM CPU Cooler](#) (\$34.99 @ Newegg)

Motherboard: [MSI Z97-G55 SLI ATX LGA1150 Motherboard](#) (\$78.99 @ Newegg)

Memory: [A-Data XPG V1.0 8GB \(2 x 4GB\) DDR3-1866 Memory](#) (\$72.99 @ Amazon)

Storage: [Samsung 840 EVO 120GB 2.5" Solid State Drive](#) (\$80.99 @ NCIX US)

Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)

Video Card: [Gigabyte GeForce GTX 780 3GB WINDFORCE Video Card](#) (\$499.99 @ Amazon)

Case: [Corsair 200R ATX Mid Tower Case](#) (\$47.99 @ Micro Center)

Power Supply: [EVGA 600B 600W 80+ Bronze Certified ATX Power Supply](#) (\$44.99 @ NCIX US)

Total: \$1255.89

Prices include shipping, taxes, and discounts when available

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?Magician - July 30, 2014, 4:31 pm

With overclocking, set the vcore as low as it'll go for stock clock, then up the multi until it's not stable then up the voltage in small amounts.

It's not rocket science, just requires a lot of patience if you want a high overclock that's stable.

Getting 4.5GHz is a piece of cake.

Antinormality - July 30, 2014, 4:40 pm

(Jul 30, 2014 04:31 PM)Buzzizzle Wrote: [\[CITE\]](#) With overclocking, set the vcore as low as it'll go for stock clock, then up the multi until it's not stable then up the voltage in small amounts.

It's not rocket science, just requires a lot of patience if you want a high overclock that's stable.

Getting 4.5GHz is a piece of cake.
Don't forget stability tests (prime95/SuperPI).

?Magician - July 30, 2014, 4:44 pm

(Jul 30, 2014 04:40 PM)Assault Rains Wrote: [\[CITE\]](#) Don't forget stability tests (prime95/SuperPI).
I didn't make it clear in my post.
Also, HyperPI >

Kansas - July 31, 2014, 9:54 pm

(Jul 30, 2014 04:29 PM)unSatisfied Wrote: [\[CITE\]](#) All you have to do is follow a simple guide for whatever processor you want to overclock, many people make guides like this to achieve a simple (yet somewhat small) overclock.

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core i7-4790K 4.0GHz Quad-Core Processor](#) (\$339.98 @ SuperBiiz)
CPU Cooler: [Enermax ETS-T40-TB 86.7 CFM CPU Cooler](#) (\$34.99 @ Newegg)
Motherboard: [MSI Z97-G55 SLI ATX LGA1150 Motherboard](#) (\$78.99 @ Newegg)
Memory: [A-Data XPG V1.0 8GB \(2 x 4GB\) DDR3-1866 Memory](#) (\$72.99 @ Amazon)
Storage: [Western Digital Caviar Blue 1TB 3.5" 7200RPM Internal Hard Drive](#) (\$54.98 @ OutletPC)
Video Card: [MSI GeForce GTX 780 Ti 3GB TWIN FROZR Video Card](#) (\$599.99 @ Newegg)
Case: [Corsair 200R ATX Mid Tower Case](#) (\$47.99 @ Micro Center)
Power Supply: [EVGA 600B 600W 80+ Bronze Certified ATX Power Supply](#) (\$44.99 @ NCIX US)
Total: \$1274.90

Prices include shipping, taxes, and discounts when available

Generated by PCPartPicker 2014-07-30 19:30 EDT-0400

Leaning towards this, but do you think 8GB ram would be enough for what a 3GB video card can handle?

unSatisfied - July 31, 2014, 10:51 pm

(Jul 31, 2014 09:54 PM)Kansas Wrote: [\[CITE\]](#) Leaning towards this, but do you think 8GB ram would be enough for what a 3GB video card can handle?

The 3GB is called Video RAM/Memory (VRAM for short). In simple terms, each game requires video memory to display the graphics onto the screen and when you begin to run a game it starts to use some of the video ram. So to answer your question, the amount of video memory isn't related with regular memory (RAM), so it'll work perfectly fine.

Kansas - July 31, 2014, 11:22 pm

(Jul 31, 2014 10:51 PM)unSatisfied Wrote: [\[CITE\]](#) The 3GB is called Video RAM/Memory (VRAM for short). In simple terms, each game requires video memory to display the graphics onto the screen and when you begin to run a game it starts to use some of the video ram. So to answer your question, the amount of video memory isn't related with regular memory (RAM), so it'll work perfectly fine. Ya but if I'm pushing my video card to the limit will 8GB of ram be able to handle whatever my video card can handle at that point.

jellyphish1337 - August 1, 2014, 6:42 am

(Jul 31, 2014 11:22 PM)Kansas Wrote: [\[CITE\]](#) Ya but if I'm pushing my video card to the limit will 8GB of ram be able to handle whatever my video card can handle at that point.
If you're gaming 8GB of RAM should be sufficient.

unSatisfied - August 1, 2014, 9:42 am

(Jul 31, 2014 11:22 PM)Kansas Wrote: [\[CITE\]](#) Ya but if I'm pushing my video card to the limit will 8GB of ram be able to handle whatever my video card can handle at that point.

8gb is plenty for gaming so yes, it'll work great.

Narvikz - August 1, 2014, 10:30 am

(Jul 31, 2014 11:22 PM)Kansas Wrote: [\[CITE\]](#) Ya but if I'm pushing my video card to the limit will 8GB of ram be able to handle whatever my video card can handle at that point.

The RAM will store variables of the game and stuff like that for random and quick access. It isn't related anyway to the VRAM. 6Gigs is more than enough for a gamer, normally people will tell you to get 8GB (which makes sense) because you cant' get 1x6GB RAM, and getting 3x2GB RAM or 1x4GB RAM + 1x2GB RAM would be stupid. Also you don't know what's going to happen in the future (although unlikely it will not be enough to you to need more than 6Gigs in the lifespan of your PC), so yea 8Gigs is the way to go, generally 2x4GB and you still have the chance to add in more 8Gigs in the future if you really want to (which you won't need)

Kansas - August 1, 2014, 9:36 pm

Kk well thanks everyone, closing the thread now.