

Forum:[Hack Forums](#)

Thread: [Friend wants to build a 4k gaming computer, thoughts?](#)

Drizzy?? - April 9, 2016, 12:06 pm

<http://pcpartpicker.com/p/mz9pdC>

That's what I have at the moment. He wants to be able to have three 4k monitors and be able to game on it (GTA, League of Legends, RuneScape, etc).

I told him he may need to buy a second GFX card, but I'm not entirely sure if it was necessary. Can I get thoughts/suggestions? Thanks.

Nopee - April 9, 2016, 12:13 pm

Go with xfx or seasonic psu.

sdd and hdd change it to a better brand.

If i were you get a skylake 6700k would be good.

drugs - April 9, 2016, 12:16 pm

Why did you add the motherboard as a custom part? You paired a i7-4790K with a X99 motherboard. You do know that those aren't compatible, right? Just do yourself a favor and pick from the list of compatible motherboards.

Also, gaming on three 4K monitors isn't viable. You will struggle to game at 4K. If you want a consistent 60FPS on a single 4K monitor, you'll need two GTX 980 TI in SLI. If you add two more 4K monitors...yeah, have fun with that. Why not game on three 1440p monitors instead? It's a much more viable option.

Drizzy?? - April 9, 2016, 12:17 pm

(Apr 9, 2016 12:16 PM)M?jestic Wrote: [\[CITE\]](#) Why did you add the motherboard as a custom part? You paired a i7-4790K with a X99 motherboard. You do know that those aren't compatible, right? Just do yourself a favor and pick from the list of compatible motherboards.

Also, gaming on three 4K monitors isn't viable. You will struggle to game at 4K. If you want a consistent 60FPS on a single 4K monitor, you'll need two GTX 980 TI in SLI. If you add two more 4K monitors...yeah, have fun with that. Why not game on three 1440p monitors instead? It's a much more viable option.He seems very set on gaming in 4k for some reason. I've suggested 1440p to him already but he wants 4k.

Xycon - April 9, 2016, 12:18 pm

2/10

CPU and motherboard are not compatible.

Shit PSU.

Shit HDD.

Would not get that SSD.

Would switch to socket 1151 / DDR4.

National Security Agency - April 9, 2016, 12:19 pm

(Apr 9, 2016 12:17 PM)Drizzy?? Wrote: [\[CITE\]](#) He seems very set on gaming in 4k for some reason.

I've suggested 1440p to him already but he wants 4k.
He wants to see those 4K titties.

Drizzy?? - April 9, 2016, 12:24 pm

Okay changed around some parts. Accidentally chose wrong motherboard.

<http://pcpartpicker.com/p/mz9pdC>

drugs - April 9, 2016, 12:24 pm

(Apr 9, 2016 12:17 PM)Drizzy?? Wrote: [\[CITE\]](#) He seems very set on gaming in 4k for some reason.
I've suggested 1440p to him already but he wants 4k.

Well, tell him I think he's stupid and that I wish him luck on getting games to run at a consistent 60FPS on three 4K monitors.

Cha0 - April 9, 2016, 12:25 pm

Samsung makes great phones but I'll never ever buy any of their SSDs again.

Fucker broke when dropped at like a feet, that's not suppose to happen with SSDs :(

Stag - April 9, 2016, 12:27 pm

Why spend that much on parts and then get cheap ram ? thats like buying a prostitute, but then only putting your dick in her ear

Cha0 - April 9, 2016, 12:29 pm

(Apr 9, 2016 12:27 PM)Stag Wrote: [\[CITE\]](#) Why spend that much on parts and then get cheap ram ?
thats like buying a prostitute, but then only putting your dick in her ear

This is the most beautiful hardware related quote ever.

Well done, sir. ?

Steve Kosh - April 9, 2016, 12:30 pm

As Majestic said, even one 980 Ti can't do 4k60fps. If they're mainly playing LoL and Runescape, then one should be sufficient, but if they ever want to play more demanding games then they'll have to get a second card or run the game on lower settings.

I'd also suggest 1440p 100+Hz (maybe even a 3440x1440) monitor. I personally find it pretty hard to go back to 60fps/60Hz after playing at 120fps/120Hz. Games are much smoother.

EDIT: Had this typed up 10 min ago, but forgot to post.

Breeze26509 - April 9, 2016, 12:31 pm

(Apr 9, 2016 12:24 PM)Drizzy?? Wrote: [\[CITE\]](#) Okay changed around some parts. Accidentally chose wrong motherboard.

<http://pcpartpicker.com/p/mz9pdC>

That still won't work for a few reasons.

1. Motherboard and CPU aren't compatible. CPU is LGA1151, while motherboard is LGA2011-3.
2. RAM and motherboard aren't compatible. Motherboard takes DDR4 RAM, you've chosen DDR3 RAM.

(Apr 9, 2016 12:27 PM)Stag Wrote: [\[CITE\]](#) Why spend that much on parts and then get cheap ram ?
thats like buying a prostitute, but then only putting your dick in her ear

Because RAM is one of those parts you can cheap out on. The only difference between the most expensive and the cheapest RAM is the heat spreader and the RAM speed. Other than that, they are basically identical.

CyberneticTitan - April 9, 2016, 12:33 pm

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

CPU: [Intel Core i7-6700K 4.0GHz Quad-Core Processor](#) (\$348.99 @ SuperBiiz)
CPU Cooler: [NZXT Kraken X61 106.1 CFM Liquid CPU Cooler](#) (\$114.99 @ Amazon)
Motherboard: [Gigabyte GA-Z170X-UD3 ATX LGA1151 Motherboard](#) (\$132.98 @ Directron)
Memory: [Corsair Vengeance LPX 16GB \(2 x 8GB\) DDR4-2666 Memory](#) (\$59.99 @ Newegg)
Storage: [Samsung 850 EVO-Series 500GB 2.5" Solid State Drive](#) (\$149.45 @ OutletPC)
Storage: [Samsung 850 EVO-Series 500GB 2.5" Solid State Drive](#) (\$149.45 @ OutletPC)
Video Card: [Gigabyte GeForce GTX 980 Ti 6GB XTREME GAMING Video Card](#) (2-Way SLI) (\$599.99 @ Amazon)
Video Card: [Gigabyte GeForce GTX 980 Ti 6GB XTREME GAMING Video Card](#) (2-Way SLI) (\$599.99 @ Amazon)
Case: [Fractal Design Define R5 w/Window \(Black\) ATX Mid Tower Case](#) (\$89.99 @ NCIX US)
Power Supply: [SeaSonic M12II 850W 80+ Bronze Certified Semi-Modular ATX Power Supply](#) (\$104.99 @ Amazon)
Total: \$2350.81
Prices include shipping, taxes, and discounts when available
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Might want to wait for Pascal. Don't expect to run 4k surround at ultra settings. 980Ti SLI will handle a single 4k monitor at ultra @ 60FPS.

Storage configuration is your choice. Not sure why you'd choose 2 drives over 1 drive, but sure if it works.

drugs - April 9, 2016, 12:45 pm

OP, please. Just stop trying to add motherboard as a custom part...You keep choosing incompatible motherboards that WILL NOT work with the CPU you choose. If you want to choose a X99 motherboard, then get a CPU that uses socket LGA 2011-3. You're choosing CPUs that use socket LGA 1150/1151 and trying to put them into a motherboard that uses socket socket LGA 2011-3.

Nopee - April 9, 2016, 12:47 pm

^Go with cyber's build

Much better.

It can handle dual monitors on 1440p but will only just handle 1 4k monitor.

Why does he want to achieve 4k gaming when the only games he play is lol csgo and runescape lol.

dash199t - April 9, 2016, 2:50 pm

My question would be the same as TR4D3's. Thats a little bit stupid, cause no one would ever like to play CS in 4K.

Also Runescape isnt a that high-end game.

Why would you "waste" this amount of money?

Anyway, the build from cyber would be one of the best options.

Durham - April 10, 2016, 7:02 am

You have to use ddr4 memory for Skylake.

You have to take a CPU cooler too, I recommend be quit Pure rock.

And that CPU wont fit in that motherboard, check the sockets.

unknown321 - April 10, 2016, 8:47 am

I would wait until the new nvidia pascal cards come out before shelling all that money on 980ti's they will be obsolete soon the new cards are expected to be much better.

unSatisfied - April 10, 2016, 9:23 am

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

CPU: [Intel Core i7-6700K 4.0GHz Quad-Core Processor](#) (\$364.99 @ Newegg)

CPU Cooler: [Noctua NH-D14 65.0 CFM CPU Cooler](#) (\$72.79 @ Newegg)

Motherboard: [Gigabyte GA-Z170X-Gaming 5 ATX LGA1151 Motherboard](#) (\$172.91 @ Newegg)

Memory: [*GeIL EVO POTENZA 16GB \(2 x 8GB\) DDR4-2400 Memory](#) (\$54.99 @ Newegg)

Storage: [Samsung 850 EVO-Series 500GB 2.5" Solid State Drive](#) (\$149.99 @ Newegg)

Storage: [Samsung 850 EVO-Series 500GB 2.5" Solid State Drive](#) (\$149.99 @ Newegg)

Video Card: [MSI GeForce GTX 980 Ti 6GB Video Card](#) (2-Way SLI) (\$653.98 @ Newegg)

Video Card: [MSI GeForce GTX 980 Ti 6GB Video Card](#) (2-Way SLI) (\$653.98 @ Newegg)

Case: [Fractal Design Define R5 \(Black\) ATX Mid Tower Case](#) (\$119.98 @ Newegg)

Power Supply: [*SeaSonic X Series 850W 80+ Gold Certified Fully-Modular ATX Power Supply](#) (\$129.99 @ Newegg)

Monitor: [Acer XB271HU bmiprz 165Hz 27.0" Monitor](#) (\$771.98 @ Newegg)

Total: \$3295.57

Prices include shipping, taxes, and discounts when available

*Lowest price parts chosen from parametric criteria

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1440p 165hz > 4k 60hz

St0rm - April 10, 2016, 3:13 pm

(Apr 9, 2016 12:33 PM)CyberneticTitan Wrote: [\[CITE\] PCPartPicker part list](#) / [Price breakdown by merchant](#)

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a single 4k monitor at ultra @ 60FPS.

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This build so far is the better of the few put on this thread.

Also why does your original link have an x99 board with a Skylake processor O.o

(Apr 9, 2016 12:06 PM)Drizzy?? Wrote: [\[CITE\]](#) That's what I have at the moment. He wants to be able to have three 4k monitors and be able to game on it (GTA, League of Legends, RuneScape, etc).

This wont happen even with 2 cards. Your friend has no idea what he's in for. Have him wait till Pascal.