

Forum:[Hack Forums](#)

Thread: [PC Virgin With \\$2200](#)

Millennial - June 11, 2018, 5:43 pm

Can you build me something that will be somewhat future proof? I'm a PC virgin with a budget of around \$2200 CAD.

I'd like it to be able to run almost anything I can throw at it on max settings, without dropping below 60fps while streaming. I plan on using a 1080p 120/144hz monitor [if] it's in the budget. If not then a 60hz monitor like the one I already have will be fine. Peripherals also need to be included in the price, with the exception of a headset. I already have an Astro headset.

Gt403cyl - June 11, 2018, 6:01 pm

(Jun 11, 2018 05:43 PM)Millennial Wrote: [\[CITE\]](#) Can you build me something that will be somewhat future proof? I'm a PC virgin with a budget of around \$2200 CAD.

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Well basically this is what it looks like, save up for a new monitor, but this will be solid for you...

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

CPU: [AMD - Ryzen 7 2700 3.2GHz 8-Core Processor](#) (\$379.99 @ Memory Express)
CPU Cooler: [NZXT - Kraken X62 Rev 2 98.2 CFM Liquid CPU Cooler](#) (\$172.75 @ Vuugo)
Motherboard: [Gigabyte - X470 AORUS ULTRA GAMING ATX AM4 Motherboard](#) (\$178.50 @ Vuugo)
Memory: [G.Skill - Ripjaws 4 Series 16GB \(2 x 8GB\) DDR4-3000 Memory](#) (\$204.99 @ Newegg Canada)
Storage: [Western Digital - Black PCIe 256GB M.2-2280 Solid State Drive](#) (\$108.99 @ Mike's Computer Shop)
Storage: [Hitachi - Ultrastar 7K3000 2TB 3.5" 7200RPM Internal Hard Drive](#) (\$111.00 @ Amazon Canada)
Video Card: [EVGA - GeForce GTX 1070 Ti 8GB SC GAMING ACX 3.0 Black Edition Video Card](#) (\$634.99 @ Newegg Canada)
Case: [Fractal Design - Meshify C Dark TG ATX Mid Tower Case](#) (\$119.99 @ Newegg Canada)
Power Supply: [Rosewill - Capstone 650W 80+ Gold Certified Semi-Modular ATX Power Supply](#) (\$89.99 @ Newegg Canada)
Keyboard: [Corsair - K70 LUX Wired Gaming Keyboard](#) (\$139.99 @ Memory Express)
Mouse: [Logitech - G502 Proteus Spectrum Wired Optical Mouse](#) (\$76.98 @ Amazon Canada)
Total: \$2218.16
Prices include shipping, taxes, and discounts when available
Generated by PCPartPicker 2018-06-11 21:00 EDT-0400

Breeze26509 - June 11, 2018, 6:02 pm

(Jun 11, 2018 06:01 PM)Gt403cyl Wrote: [\[CITE\]](#) -snip-
I second this build.

Millennial - June 11, 2018, 6:06 pm

(Jun 11, 2018 06:01 PM)Gt403cyl Wrote: [\[CITE\]](#) -snip-

I wasn't expecting a response that fast. Looks awesome. What's the difference between the 1070 and the 1070 Ti?

Gt403cyl - June 11, 2018, 6:08 pm

(Jun 11, 2018 06:06 PM)Millennial Wrote: [\[CITE\]](#) I wasn't expecting a response that fast. Looks awesome. What's the difference between the 1070 and the 1070 Ti?

Long and short of it, 1070Ti is a 1080 that runs cooler, uses less power and is cheaper.

Millennial - June 11, 2018, 6:20 pm

(Jun 11, 2018 06:08 PM)Gt403cyl Wrote: [\[CITE\]](#) Long and short of it, 1070Ti is a 1080 that runs cooler, uses less power and is cheaper.

Good to know.

Gt403cyl - June 11, 2018, 6:36 pm

(Jun 11, 2018 06:20 PM)Millennial Wrote: [\[CITE\]](#) Good to know.

Here is more info, my post and the one below it:

<https://hackforums.net/showthread.php?tid=5844385&pid=57168149#pid57168149>

Millennial - June 11, 2018, 6:53 pm

(Jun 11, 2018 06:36 PM)Gt403cyl Wrote: [\[CITE\]](#) -snip-

Would you recommend the 1070 Ti Mini from Zotac?

Gt403cyl - June 11, 2018, 6:58 pm

(Jun 11, 2018 06:53 PM)Millennial Wrote: [\[CITE\]](#) Would you recommend the 1070 Ti Mini from Zotac?

Unless space is limited no, if you plan to take full advantage by overclocking it the mini only has a single 8-pin vs the dual 8-pins on the "full length" amp/amp extreme.

Spec wise I believe they are the same but the larger cards should have larger coolers and better power delivery so in theory should perform better.

Millennial - June 11, 2018, 7:02 pm

(Jun 11, 2018 06:58 PM)Gt403cyl Wrote: [\[CITE\]](#) Unless space is limited no, if you plan to take full advantage by overclocking it the mini only has a single 8-pin vs the dual 8-pins on the "full length" amp/amp extreme.

Spec wise I believe they are the same but the larger cards should have larger coolers and better power delivery so in theory should perform better.

Okay. Thanks again.

I made some slight changes to the list. My new price is \$3000.98 after a \$30 rebate.

Code /list/dYqMCb

UnappreciativeRomper - June 12, 2018, 2:19 pm

(Jun 11, 2018 05:43 PM)Millennial Wrote: [\[CITE\]](#) Can you build me something that will be somewhat future proof? I'm a PC virgin with a budget of around \$2200 CAD.

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60hz monitor like the one I already have will be fine. Peripherals also need to be included in the price, with the exception of a headset. I already have an Astro headset.
are all peripherals included in budget?

Gt403cyl - June 12, 2018, 2:26 pm

(Jun 12, 2018 02:19 PM)UnappreciativeRomper Wrote: [\[CITE\]](#) are all peripherals included in budget? It's literally in the quote.....

UnappreciativeRomper - June 12, 2018, 2:28 pm

(Jun 12, 2018 02:26 PM)Gt403cyl Wrote: [\[CITE\]](#) It's literally in the quote.....
my bad I only skim read the Original Post

This is the configuration that I came up with without a monitor

CPU: Intel - Core i5-8600K 3.6GHz 6-Core Processor \$326.95
cooler: Corsair - H100i v2 70.7 CFM Liquid CPU Cooler \$129.99
MotherBoard: Asus - Prime Z370-A ATX LGA1151 Motherboard : \$212.50
RAM: G.Skill - Trident Z RGB 16GB (2 x 8GB) DDR4-3200 Memory \$255.99
Storage: Western Digital - Blue 500GB M.2-2280 Solid State Drive \$144
Seagate - BarraCuda 1TB 2.5" 5400RPM Internal Hard Drive \$ 59.99
Graphics card: MSI - GeForce GTX 1070 Ti 8GB ARMOR Video Card \$619.99
case: Phanteks - ECLIPSE P400S TEMPERED GLASS ATX Mid Tower Case \$119.99
PSU: EVGA - SuperNOVA NEX 650W 80+ Gold Certified Fully-Modular ATX Power Supply \$87.50
Keyboard: Corsair - STRAFE Wired Gaming Keyboard \$119.99
Mouse: Logitech - G403 Prodigy Wired Optical Mouse \$64.98

Total price \$2141.87

I think i saw the OP change budget to \$3000 (may be wrong) so below is my config for that price

CPU: Intel - Core i7-8700K 3.6GHz 6-Core Processor \$3449.99
cooler: Corsair - H100i v2 70.7 CFM Liquid CPU Cooler \$129.99
MotherBoard: Asus - Prime Z370-A ATX LGA1151 Motherboard : \$212.50
RAM: G.Skill - Trident Z RGB 16GB (2 x 8GB) DDR4-3200 Memory \$255.99
Storage: Western Digital - Blue 500GB M.2-2280 Solid State Drive \$144
Seagate - BarraCuda 1TB 2.5" 5400RPM Internal Hard Drive \$ 59.99
Graphics card: MSI - GeForce GTX 1080 Ti 8GB ARMOR Video Card \$619.99
case: Phanteks - ECLIPSE P400S TEMPERED GLASS ATX Mid Tower Case \$119.99
PSU: EVGA - SuperNOVA NEX 650W 80+ Gold Certified Fully-Modular ATX Power Supply \$87.50
Keyboard: Corsair - STRAFE Wired Gaming Keyboard \$119.99
Mouse: Logitech - G403 Prodigy Wired Optical Mouse \$64.98
Monitor: Acer - GN246HL 24.0" 1920x1080 144Hz Monitor \$249.99 (however if you are building a PC at this price I would recommend saving up and getting a higher resolution display

Total Cost: \$2954.90

Millennial - June 13, 2018, 10:11 am

(Jun 12, 2018 02:28 PM)UnappreciativeRomper Wrote: [\[CITE\]](#) -snip-

I didn't change the budget. I just altered the first suggested build, and it came out to \$3000.

I opted for a Ryzen 7 2700X. I opted for a Samsung 970 Evo SSD. I opted for a Seagate Firecude fusion drive. I opted for 16GB of TridentZ RGB memory. And I opted for the liquid cooled Aorus GTX 1080 Ti from Gigabyte.

Included in the budget is a Logitech G Pro mouse and keyboard, and the G series speakers and headset. And an additional Asus VP228H monitor.

GrandpaSherman - June 13, 2018, 10:12 am

Wait until the next nvidia cards get announced before you buy

Gt403cyl - June 13, 2018, 10:20 am

(Jun 13, 2018 10:12 AM)GrandpaSherman Wrote: [\[CITE\]](#) Wait until the next nvidia cards get announced before you buy

the absolute earliest they will launch is Aug for the FE cards ans Sept for the partner cards..... realistically probably later....

Bengali - June 13, 2018, 7:31 pm

I am personally waiting for Intel's graphene CPUs slated to come out in 2030. Nvidia will also move to graphene for their GPUs around that time, so I will upgrade my X58 system then.

Millennial - June 13, 2018, 7:37 pm

(Jun 13, 2018 07:31 PM)Bengali Wrote: [\[CITE\]](#) I am personally waiting for Intel's graphene CPUs slated to come out in 2030. Nvidia will also move to graphene for their GPUs around that time, so I will upgrade my X58 system then.

I don't wanna wait till 2030 to build a PC.

Bengali - June 13, 2018, 7:48 pm

(Jun 13, 2018 07:37 PM)Millennial Wrote: [\[CITE\]](#) I don't wanna wait till 2030 to build a PC.

The PC industry is all but a waiting game. The longer you wait, the better parts you can get.

Millennial - June 13, 2018, 7:51 pm

If I was to wait I'd have to at least get a Mac to work on in the mean time. I can't deal with my PC anymore.

Null State - June 14, 2018, 12:51 am

(Jun 13, 2018 07:51 PM)Millennial Wrote: [\[CITE\]](#) If I was to wait I'd have to at least get a Mac to work on in the mean time. I can't deal with my PC anymore.

All bullshitting aside, building now or later is up to you. Personally, with new cards coming in a few months, I would wait. Please don't go buy a Mac over a couple months of wait time lol.

Millennial - June 14, 2018, 12:46 pm

(Jun 14, 2018 12:51 AM)HOS7 187 Wrote: [\[CITE\]](#) All bullshitting aside, building now or later is up to you. Personally, with new cards coming in a few months, I would wait. Please don't go buy a Mac over a couple months of wait time lol.

I need something to work on in the meantime. But you're right. The Mac would go to waste once I build the PC later on. A Surface might be a wiser investment. Something I can make use of even with the new desktop.

Gt403cyl - June 14, 2018, 1:11 pm

(Jun 11, 2018 07:02 PM)Millennial Wrote: [\[CITE\]](#) Okay. Thanks again.

I made some slight changes to the list. My new price is \$3000.98 after a \$30 rebate.

Code /list/dYqMCb

I just saw you updated the list.

Unless you don't want to OC yourself the non X cpu is the same chip and cheaper.
Why the Seagte over the Hitachi? It's more money...
Is the RBG ram really worth \$30 more to you?

Millennial - June 14, 2018, 6:14 pm

(Jun 14, 2018 01:11 PM)Gt403cyl Wrote: [\[CITE\]](#) I just saw you updated the list.

Unless you don't want to OC yourself the non X cpu is the same chip and cheaper.
Why the Seagte over the Hitachi? It's more money...
Is the RBG ram really worth \$30 more to you?
I could do without the RGB but I prefer the overall aesthetic of the TridentZ. I could get the non RGB TridentZ.