

Forum:[Hack Forums](#)

Thread: [Review My New \\$1,500 USD Build](#)

Contenght - February 20, 2021, 5:40 am

I am building this computer system for my daughter who is in architecture, mainly interior.

She is in the middle of the 1st year at a 4 year major university.

She is starting to take up CAD-related coursework and her laptop is struggling to utilize the CAD software used for the coursework.

Obviously, she needs something stronger.

She's NOT a gamer, but will play a few "low level" games, mostly what some will call "old school" games such as the old DOOM series.

As for the monitor, she wanted 27 inches or bigger and high resolution for CAD work.

Other accessories were purposely left out, such as mouse, keyboard, and speakers because she wanted to pick those out in the local computer store.

Yes, she is required to have a CD burner for school. Don't ask me why, it's just the way it is.

Based on that information, here's what I thought should work for her setup until she graduates in 3.5 years.

All Amazon links are USA-based and are in USA dollars.

PCPartPicker Part List: [pcpartpicker.com/list/zfjYt8](#)

CPU: AMD Ryzen 5 3600X 3.8 GHz 6-Core Processor (\$299.00 @ Amazon)

CPU Cooler: Cooler Master Hyper 212 EVO V2 62 CFM CPU Cooler (\$44.99 @ Amazon)

Motherboard: Asus ROG STRIX B450-F GAMING II ATX AM4 Motherboard (\$139.99 @ Amazon)

Memory: Team T-FORCE DARK Z 16 GB (2 x 8 GB) DDR4-3600 CL18 Memory (\$84.99 @ Amazon)

Storage: Seagate BarraCuda 510 1 TB M.2-2280 NVME Solid State Drive (\$129.99 @ Amazon)

Video Card: Gigabyte GeForce GTX 1050 Ti 4 GB Video Card (\$298.99 @ Amazon)

Case: Rosewill Zircon T ATX Mid Tower Case (\$44.99 @ Amazon)

Power Supply: Antec Earthwatts Gold Pro 750 W 80+ Gold Certified Semi-modular ATX Power Supply (\$110.99 @ Amazon)

Optical Drive: LG WH14NS40 Blu-Ray/DVD/CD Writer (\$54.99 @ Amazon)

Monitor: Acer ET322QU 31.5" 2560x1440 75 Hz Monitor (\$285.99 @ Amazon)

Total: \$1494.91

Prices include shipping, taxes, and discounts when available

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