

Team Um Idk (HaoFeng Wang & Danny Zhang)
IntroCS pd6
L1 -- On Wednesdays We Wear Pink
2020-04-21

01. Flight Simulator Hikaru is a former pilot who spends many hours on Microsoft Flight Simulator. She is currently running Microsoft FS2019 on her computer, but it is sloooow. Microsoft just announced FS2020 will be released in March 2020, and Hikaru wants you to design a computer to run FS2020 seamlessly

Computer

CPU- Intel Core i7-7700K 4.2 GHz Quad-Core Processor(\$330)

- Fast
- Gets extremely hot
- Hits 5.0 GHz (computer would be able to run calculations mad fast = applications are faster and smoother)
- Best of the best

Cooler- Scythe FUMA 79 CFM CPU Cooler(\$45)

- Cheap
- Compact
- Outperforms more expensive coolers
- Relatively silent

Motherboard-MSI Z270-A PRO ATX LGA1151 Motherboard(\$281)

- 64 GB max
- 4 mem slots

RAM- Corsair Dominator Platinum 64 GB (4 x 16 GB) DDR4-3200 Memory(\$405)

- 4x16 GB sticks
- Heat Spreader
- Good overclocking(can run at a higher speed than it was meant to)

SSD- Samsung 970 Pro 1 TB M.2-2280 NVME Solid State Drive(\$350)

- Fast, Very fast
- Little to no loading time

PSU- SeaSonic PRIME Ultra Titanium 1000 W 80+ Titanium Certified Fully Modular ATX Power Supply(\$299)

- 12-year warranty
- Easy to manage with removable/attachable cables
- 80+ Titanium rating(at least 90% efficiency, less electricity wasted)

Case- Fractal Design Focus G ATX Mid Tower Case(\$57)

- Comes with dust filter
- Nice and reasonable price
- Easy to manage
- Great support for cooling

OS- Microsoft Windows 10 home (64-bit) (\$110)

- 128 GB
- Can run fs2020
-it's windows?

Network-TP-Link TL-WDN4800 PCIe x1 802.11a/b/g/n Wi-Fi Adapter(\$175)

- Works well
- No lag in games

Graphics-MSI Radeon RX 470 4 GB Gaming X Video Card(\$800)

- Silent
- Stays cool
- 2 fans
- Can run things high quality

Peripherals

Mouse- Redragon Centrophorus M601 Wired Optical Mouse(\$15)

- Cheap
- Good grip
- Comfortable
- Matches the keyboard

Headset- Kingston HyperX Cloud Stinger Headset(\$50)

- Clear audio
- Nice price
- Cushioned ears
- Blocks out outside noise

Keyboard- Redragon K552 Wired Gaming Keyboard (\$37)

- Looks great
- Sounds great
- Feels great
- Has dragon in its name

Total- \$2954