# **Computer Component Chart**

**Date: 6/5/22**

**Group Name:**

**Group Members:**

Below are the different components you have investigated in the first worksheet. For each of the components, summarize what it is used for, what are the different options or sizes or configuration, and cost range for each component.

Fill in the chart

|  |  |  |  |
| --- | --- | --- | --- |
| **Component** | **What is this for?** | **Different options or sizes?** | **Cost Range** |
| Processor | provides the instructions and processing power the computer needs to do its work. | <https://www.pbtech.co.nz/product/CPUAMD04100/AMD-Ryzen-3-4100-CPU-4-Core--Thread---Max-Boost-40><https://www.pbtech.co.nz/product/CPUAMD05975WX/AMD-Ryzen-Threadripper-Pro-5975WX-CPU-32-Core--64> | $115-$5058 |
| Operating System | manages all of the software and hardware on the computer. |  |  |
| Memory | to store data and instructions. | <https://www.pbtech.co.nz/product/MEMDDR0041/2GB-DDR4-Laptop-RAM-SODIMM---Brands-may-vary><https://www.pbtech.co.nz/product/MEMHPE00930/HPE-64GB-Server-RAM-2Rx4---PC4-2933Y-R---Smart-Kit> | $12-$1430 |
| Hard Drive | where all your permanent computer data is stored. | <https://www.pbtech.co.nz/product/ENCORC1016/Orico-35-35-inch-Hard-Drive-Protection-Storage-Cas><https://www.pbtech.co.nz/product/ADPSTT3731143/StarTech-SATERASER4-4-Bay-SSDHDD-Hard-Drive-Eraser> | $8-$1125 |
| Optical Drive | allows you to use CDs, DVDs, and Blu-ray discs to listen to music or watch a movie | <https://www.pbtech.co.nz/product/DVWLGH225/LG-GH24NSD1-Internal-SATA-DVD-Writer--Black-colour><https://www.pbtech.co.nz/product/DVWPRI26329/Primera-Bravo-4202-Disc-Printer-XRP-DVDCD-2-Drive> | $33-$5600 |
| Monitor | displays information in pictorial or textual form. | <https://www.pbtech.co.nz/product/MONAPP271023/Apple-Studio-Display-27-5K-Nano-Texture-Glass-Reti><https://www.pbtech.co.nz/product/EXMONDEL2300B/Dell-P2312HT-B-Grade-Off-Lease-23-FHD-Monitor-1920> | $100-$4200 |
| Graphics Card | accelerate graphics rendering. | <https://www.pbtech.co.nz/product/VGAGBV00712/Gigabyte-NVIDIA-GeForce-GT-710-2GB-DDR3-Graphics-C>  <https://www.pbtech.co.nz/product/VGAASU34091/ASUS-ROG-Strix-NVIDIA-GeForce-RTX-4090-OC-Edition> | $110-$4400 |
| Speakers | Connect to a computer to generate sound | <https://www.pbtech.co.nz/product/SPKEDI1250/Edifier-M1250-USB20-Multimedia-20-system-PC-Speake><https://www.pbtech.co.nz/product/SPKKEF1022/KEF-Floor-standing-Speaker-Two-and-half-way-bass-r> | $24-$2710 |
| Keyboard | putting information including letters, words and numbers into your computer. | <https://www.pbtech.co.nz/product/KEYSTP64842/Steelseries-Apex-Pro-Mini-Wireless-Mechanical-RGB><https://www.pbtech.co.nz/product/SEVOEM9079/Desktop-Keyboard-Cover-Skin---Clear-for-PC-104107> | $11-$615 |
| Mouse | To point at objects you see on the screen | <https://www.pbtech.co.nz/product/MSERPO1022/Rapoo-N100-Wired-Mouse---White-USB---Optical-Mouse><https://www.pbtech.co.nz/product/MSELOG4271247/Logitech-Pro-RGB-Wireless-Gaming-Mouse> | $7-$329 |
| **Total Cost Range** |  |  |  |