# **Computer Component Chart**

**Date: 3/5/23**

**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 | AMD Ryzen 5 5600 CPU 6 Core / 12 Thread - Max Boost 4.4GHz - 32MB Cache - AM4 Socket - 65W TDPAMD Ryzen 7 5700X CPU | 215 - 329 |
| Operating System | An operating system is a piece of software that manages files, manages memory, manages processes, handles input and output, and controls peripheral devices like disk drives and printers, among other things. |  |  |
| Memory | storing photos in digital cameras and for storing and transferring programs and data between handheld computers | Transcend 8 GB DDR3 Desktop RAM, 1333MHz, DIMM, 1.5VKingston FURY Beast RGB DDR5 64GB Dual Ram Kit – 2x32GB, DDR5-5600MT/s, CL40, DIMM (KF556C40BBAK2-64) | 150 - 476 |
| Hard Drive | store operating systems, software programs and other files | Seagate Expansion 2TB Portable Hard Drive StarTech SATERASER4 4 Bay.SSD/HDD Hard Drive Eraser - 2.5" & 3.5" SATA - Hostless Standalone Secure Erase External Disk Sanitizer - 9 Erase Modes - RS232 Printer Port - NIST/DOD & TAA Compliant | 110 - 1123 |
| Mother board | the backbone that ties the computer's components together at one spot and allows them to talk to each other | **ASUS Pro H610T D4-CSM LGA 1700 Mini-ITX Motherboard****MSI MEG X670E GODLIKE AM5 E-ATX Motherboard** | 113 - 1283 |
| Monitor | to display images, text, video, and graphics information generated by a connect comput via a computer's video card. | Dell P2312HT (B-Grade Off-Lease) 23" FHD Monitor. Samsung Odyssey ARK 55" 4K UHD Quantum Mini-LED Curved Gaming Monitor. | 99 - 4000 |
| Graphics Card | video editing, 3D graphics rendering, and much more | Gigabyte NVIDIA GeForce GT 710 2GB DDR3 Graphics Card.   video editing, 3D graphics rendering, and much more. | 113 - 4398 |
|  |  |  |  |
| Speakers | used to connect to a computer to generate sound | Genius SP-Q160 Black USB Powered Mini Speakers  KEF Floor standing Speaker. Two and half-way bass reflex. Uni-Q array: 1 x 6.5" uni-q,1 x 1" HF, 1 x6.5" LF & 2 x 6.5" ABR drivers. | 23 - 2165 |
| Keyboard | putting information including letters, words and numbers into your computer. | Moki ACC-KEWRD Keyboard – Black.Steelseries Apex Pro 2023 TKL Wireless Gaming Keyboard. | 15.62 - 699 |
| Mouse | to point at objects you see on the screen | Rapoo N100 Wired Mouse – White.Logitech Pro RGB Wireless Gaming Mouse . | 7.56 – 329.95 |
| **Total Cost Range** |  |  |  |