**Essay: Choosing a Computer for a Computing Student**

**Introduction**

Computing students need a computer that can run various development tools, such as IntelliJ IDEA, Microsoft Visual Studio, and Android Studio. These tools require a lot of processing power, memory, and storage space to run smoothly and efficiently. Additionally, computing students may also use their computer for other purposes, such as Microsoft Office software, Spotify, Zoom, and some casual games. Therefore, they need a computer that can balance performance, portability, and price.

In this essay, I will recommend a specific computer that meets the needs of a computing student studying at SETU. I will compare the advantages and disadvantages of laptop and desktop computers, and explain why I chose the one I did. I will also provide a link to where the computer can be purchased from a reputable source.

**Laptop vs Desktop**

Laptop and desktop computers have different strengths and weaknesses that may affect the decision of a computing student. Here are some of the main factors to consider:

* **Performance**: Desktop computers generally have more powerful components than laptops, such as CPU, GPU, RAM, and SSD. This means they can run development tools faster and handle more tasks at once. However, some laptops can also offer high performance with advanced processors and graphics cards, but they may cost more and generate more heat and noise.
* Portability: Laptop computers are designed to be portable and easy to carry around. This is convenient for computing students who may need to work in different locations, such as classrooms, libraries, or cafes. Laptops also have built-in batteries that allow them to work without a power outlet for several hours. Desktop computers, on the other hand, are bulky and heavy, and require a monitor, keyboard, mouse, and power cord to operate. They are not suitable for frequent travel or mobility.
* **Price**: Desktop computers tend to be cheaper than laptops with similar specifications, because they use standard components that are easier to manufacture and replace. Laptops use specialized components that are more expensive and harder to upgrade or repair. Moreover, desktop computers offer more flexibility in choosing the parts that fit the budget and preferences of the user. Laptops usually have limited options for customization.

**Recommendation**

Based on these factors, I recommend a laptop computer for a computing student studying at SETU. A laptop computer offers more portability and convenience than a desktop computer, which is important for students who may need to work in different environments or collaborate with others. A laptop computer can also run most of the development tools that a computing student needs, as long as it has sufficient specifications.

One of the best laptops for computer science students in 2023 is the Acer Swift 5 (2022). This laptop has an 11th generation Intel Core i7 processor, 16 GB of RAM, 512 GB of SSD storage, and an Intel Iris Xe graphics card. These components make it capable of running IntelliJ IDEA, Microsoft Visual Studio, Android Studio, and other development tools smoothly and efficiently. It also has a 14-inch full HD touchscreen display, a backlit keyboard, a fingerprint reader, and a webcam with privacy shutter. It weighs only 1 kg (2.2 lbs) and has a battery life of up to 15 hours.

The Acer Swift 5 (2022) costs €749 at Amazon, which is within the budget of €750 for the computing student. It also comes with Windows 10 Home operating system pre-installed, which is compatible with most of the software that a computing student needs. It has a sleek and elegant design with a silver color and magnesium-aluminum alloy chassis.

**Conclusion**

In conclusion, I recommend the Acer Swift 5 (2022) laptop computer for a computing student studying at SETU. This laptop offers high performance, portability, and affordability that suit the needs of a computing student. It can run various development tools as well as Microsoft Office software, Spotify, Zoom, and some casual games. It can also be easily carried around and used in different locations without worrying about power outlets or cables. It is available at Amazon for €749 with free shipping and returns