

COMPUTER SCIENCE

BUILD A VIRTUAL COMPUTER

Your assignment is to “buy” the components you would need to build your own computer.

First, consider what features of your computer are important to you (what makes the “best” computer?). You will search for the best price (without sacrificing quality!) for each component.

- ❖ The components must work together. For example, the form factor on your motherboard must fit in the case you choose. The motherboard must support your CPU, memory, and hard drive.
- ❖ The total amount of money you are allowed to spend is \$600.
- ❖ You must use at least **three** different websites to purchase your components.
- ❖ You cannot buy a system, but must purchase separate components.

You will present the components in a Powerpoint presentation.

One slide should explain your criteria for a “good computer” and what features you were looking for in your component search.

Each component will be represented in your presentation in a slide. That slide should include **ALL** of the following

- Component image
- Manufacturer
- Model name and/or number
- Main features
- Price
- Website/company selling the product & date “purchased”

The final slide should include a summary of each component’s name, price, and a grand total for your computer system.

Criteria for grading:

Components <i>All necessary components included, reasonable specifications/features</i>	4 points
Powerpoint presentation <i>Clear, logically organized, complete details, images useful.</i>	3 points
Accuracy <i>Website information, pricing accurate, totals correct.</i>	3 points
Presentation <i>Speaks loudly, looks at audience, knowledgeable, able to answer questions, all members of group speak</i>	3 points

Important notes:

You don’t need to include the cost of shipping or tax in your calculations.

Don’t display any features that you cannot explain yourself (do some research if you need learn more about an acronym or feature).