

Build Your Own PC Project

In teams of two (or on your own) you use the Internet and Microsoft Word to gather all the data you would need to build your own PC. Each team will have a preset budget of \$1,000 and you must find the prices and description for all the computer components listed below. You will use Microsoft Excel (template included) to create a table that includes the individual price and description of each component. You will also use Excel to calculate your grand total and create a pie chart that will be used to illustrate how much you spent on each component. You will create a presentation of PowerPoint describing and illustrating all of the components of your PC. Each team will then present their project to the class.

The components are listed below that you will need to price. The parts are not listed in order of priority. *You* will need to prioritize your list.

1. CPU – 1.7 GHZ or better
2. ATX case with 300 watt power supply or better
3. 256 MB of RAM (Minimum)
4. Video Card
5. Sound Card
6. 17” Monitor or better
7. Keyboard
8. Mouse
9. Network Interface Card
10. CD Rom
11. CD Rom – RW
12. 40 GB Hard Drive (Minimum)
13. Windows 7 OS, Windows 8 OS, Windows 10 OS
14. Motherboard

Grading

_____/20 Poster Board/Presentation

_____/20 All Components Included

_____/20 Ability to Stay in Budget

_____/20 Table/Chart

_____/20 At least 3 websites used

Resources

<http://www.4-parts.com> This site has some parts that are not easily found.

<http://www.computerpartsusa.com> This site is easy to get around and find things.

<http://www.zdnet.com> This site will do comparison-shopping.

<http://www.tigerdirect.com> This site also has computer kits and pre-builts.

<http://www.mysimon.com> This site will do comparison-shopping.

<http://www.cpumart.com> This site has refurbished parts.

<http://www.externalharddrive.com/computers/about.html> This site explains about each computer part.

<http://www.pcdominion.net> This is just a general site for parts.

<http://www.edgemicro.com> This is just a general site for parts.

<http://www.streetprices.com> This site advertises the lowest prices.

<http://www.tcwi.com> This site has a good reputation.

<http://www.jameco.com> This is a general site for parts.

<http://www.gateway.com> One of the sites to check for a pre-built machine.

<http://www.dell.com> One of the sites to check for a pre-built machine.

<http://www.compaq.com> One of the sites to check for a pre-built machine.

<http://www.ibm.com> A site to check for a pre-built machine.

<http://www.hotbot.com> A site to do searching on your own.