

Exercise 1 Study the main features of a computer through publicity

We want to buy a desktop computer, and we have a budget of 600 €. We desire to have the one with the best possible characteristics.

Create a table with FreeOffice “Calc” like the one shown here and fill it with the necessary information (pictures included). Once you have finished open a new FreeOffice “Writer” document and copy this statement and write a conclusion in which you will have to explain the microprocessors, RAM modules, graphic cards, permanent storage devices, and peripherals that are available under this price. Finally give a recommendation of which computer has the best characteristics according to you and the use that the computer is going to have.

Remember to submit

both documents the writer document and the “Calc” table in .pdf format to the Aula virtual.

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Exercise 2 Study the main features of different mice:

Search on www.pccomponentes.com for the resolution, technology, and connections of the following mice. Create a table document with “Calc” with their images and technical specifications like the one given.

- a. Tacens Anima AM1
- b. Logitech G303 Daedalus Apex
- c. Razer Mamba 5G
- d. Asus ROG Spatha

Brand and model	Type/Technology	Resolution	Colour	Price	Connections
Tacens Anima AMG					
Logitech G303 Daedalus Apex					
Racer Mamba 5G					
Asus ROG Spatha					

Exercise 3 Search online (only on the official brand website) for the following monitor models and write down the main parameters in your notebook:

Parameters:

- **Technology: LCD/OLED/Plasma**
- **Size in inches**
- **Maximum resolution**
- **Pixel size**
- **Viewing angle**
- **Brightness and contrast**
- **Response time**
- **Connections**
- **Power consumption**

a) Samsung S22E390H LCD Monitor 21.5" Full HD

b) ASUS ROG Swift PG348Q Curved Ultrawide Monitor

c) Dell UP3017Q UltraSharp

d) LG OLED TV OLED55E6V at <http://www.lg.com/es/television/lg-OLED55E6V>

Exercise 4. Build your own computer

Visit a website that sells computer components (for example, www.pcbox.com, www.pccoste.es, www.info-coste.com), and choose the appropriate components to build a computer without exceeding 600 € budget. Create a table like the one below, listing the components you selected, their brand and model, their price, and the store where you found them. Calculate the total cost at the end of the table. Remember to include ALL the essential components required for the computer to function, and any optional components you would like to add.

Essential components:

Power Supply Unit, Motherboard, NIC card, wireless network card, video card, Hard disk drive, internal wires and buses (20 pins ATX, 4 auxiliary feed pins, wires for SATA feeding connections, feeding Molex, Berg Power, fan feeding casing, SATA, PATA and Hard disk unit.)

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