

Presentation:

Please produce a presentation which will explain the functions of the main internal and external component of a computer system to customers who are coming into the store. You need to consider including the following hardware components;

Internal system unit components

- Processors
- Motherboards
- BIOS/UEFI
- Hard drive configuration and controllers [e.g. SATA, IDE, master, slave]
- Thunderbolt
- VGA, DVI, DisplayPort, HDMI
- Internet memory [e.g. RAM, ROM, cache]
- Specialised cards [e.g. network, graphic cards, sound]
- Power supply

Peripheral devices

- Output devices [e.g. monitor, printer, speakers]
- Input devices [e.g. camera, scanner, microphone, mobile devices]

For each component and device you need to include an image.

Questions:

- 1) What is the difference between the internet and the World Wide Web?
- 2) What are the advantages of networking two or more PCs together?
- 3) How do we keep networks secure? Describe three physical and three virtual methods of protecting networks.
- 4) If a small business wants to set up a network of 10 computers that can all access the Internet, identify common hardware that will be needed to set up so it can be accessed both wired and wirelessly.