

Computer skill

Introduction of computer

Today, the computer is very important and necessary in our daily life, and it has become easier for us to do many operations and activities.

Definition

A computer: is a device that accepts information (in the form of digitalized data) and process it for some result based on a program or sequence of instructions, it has the ability to **store, retrieve, and process** data.

The Uses of Computers in Our Daily Lives

- 1- Education:** It is one of the most important educational tools used by teachers and students.
- 2- Medicine:** The computer is widely used in the field of health care, as it is a part of hospitals, laboratories, and medical clinics.
- 3- The Internet:** The computer used to access the Internet.
- 4- Communication:** Computers are one of the main tools that allow communication between people.

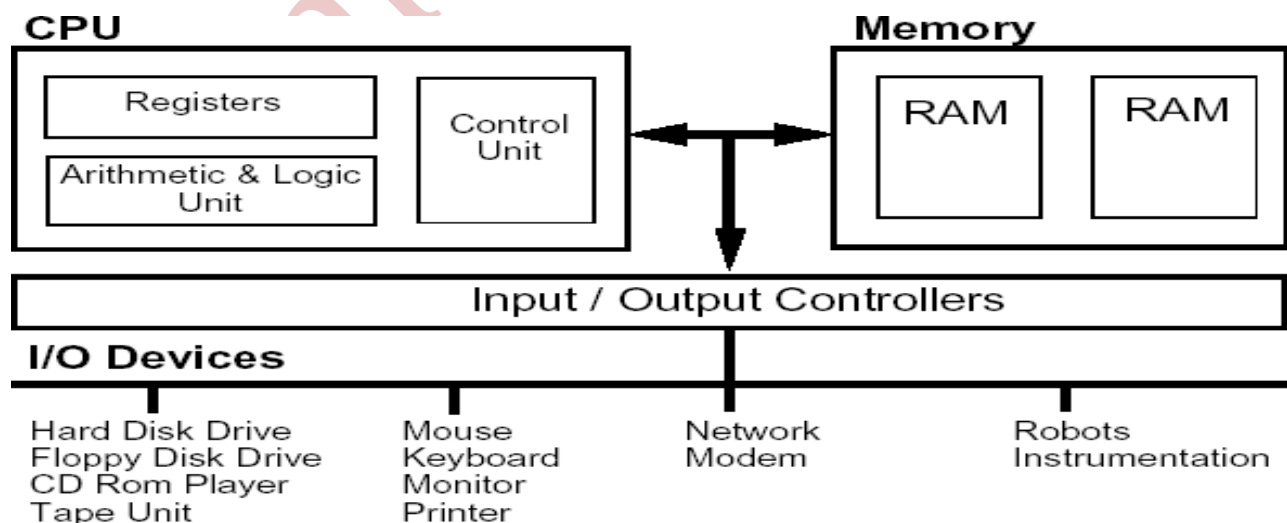
5- Business: The business sector is one of the most important sectors in which provides important services for employers or workers.

6-Transportation: The computer used to control transportation liner and booking travel ticket and airline tickets anywhere in the world via the Internet.

7- Problem Solving: the computer used to find solutions to any problem through computer experts.

Computer architecture

Refers to how a computer system is designed and what technologies it is compatible with and how interconnecting hardware components.



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Hard ware and soft ware

The two basic terms of the (COMPUTER).

Hardware: is any element of a computer that is physical. This includes things like monitors, keyboards, and the insides of devices, like microchips and hard drives.

Software: is anything that tells hardware what to do and how to do it, including computer programs and apps on your phone. Video games, photo editors, and web browsers.

* Hardware and software are different from each other, but they also need one another in order to function.

Basic Components of Computer

A computer device made up of various elements, which help in its effective functioning and processing.

1. Input Unit
2. Output Unit
3. Memory Unit
4. Control Unit
5. Arithmetical and Logical Unit

Computer's performance

Many factors affect the performance of a computer:

- 1- **CPU speed (central processing unit):** indicates how fast your computer runs. Meaning the speed of the CPU that can process data or instructions in a second. it measured by Megahertz (MHz)
- 2- **Random Access Memory (RAM):** higher RAM size is better for CPU speed.
- 3- **Hard disk speed:** is the access speed at which the data can be read and written on a hard disk.
- 4- **Free hard disk space:** if there is no free hard disk space, windows will not be able to load the programs.
- 5- **Number of running applications:** the performance of the computer will decrease if many applications are running at the same time.



Tips on how to use the Computer correctly

1. Use a Standing Desk

Standing desks are becoming a popular option for people because they promote a healthier work environment.

2. Get Up and Move Around Regularly

If you sitting for a long time in front of the computer you should get up and move around regularly.

3. Give Your Eyes a Break from Computer

Sitting and staring at a computer screen all day long puts a lot of strain on your eyes.

4. Keep Your Desk Clean

Clean your desk, computer, keyboard, mouse and all work area daily.

5- Follow the correct procedures for turning on and off the computer.

6- Make sure that the electrical wires are in the correct place and that they are safe.

7- Make backup copies of data to keep them.

8 - Do not put drinks and food next to the computer.

9- Do not get too close to the screen.

