NUR AFRICA ACADEMY

IT GRADE 6



CENTER OF WISDOM

Hardware and Software

- All the physical contents of computer are hardware. This form is given to all electrical and mechanical devices attached to the computer for the purpose of input, process, and storage and output operations.

Primary Hardware:

- Is the CPU and its other units i.e. circuits and IC's.

Secondary Hardware:

- Is the memory or storage area of computer.

Software

- Software is a general term used for computer Programs. A computer program is a planned, step by step set of instructions that directs the computer what to do and how to do. It turns the data into information that makes a computer useful.

Types of Software

Software can be categorized as:

- (1) System Software
- (2) Application Software

Operating System Software

- Operating system is a set of programs that control and supervises the hardware of a computer and provides services to application software, programmers and users of computer. Without operating system a computer cannot do anything useful.

Application software

- An application is a job or task a user wants to accomplish through a computer. Application software is programs that help a user perform a specific job. For example application software enables a user to write a letter and/ or create a drawing.

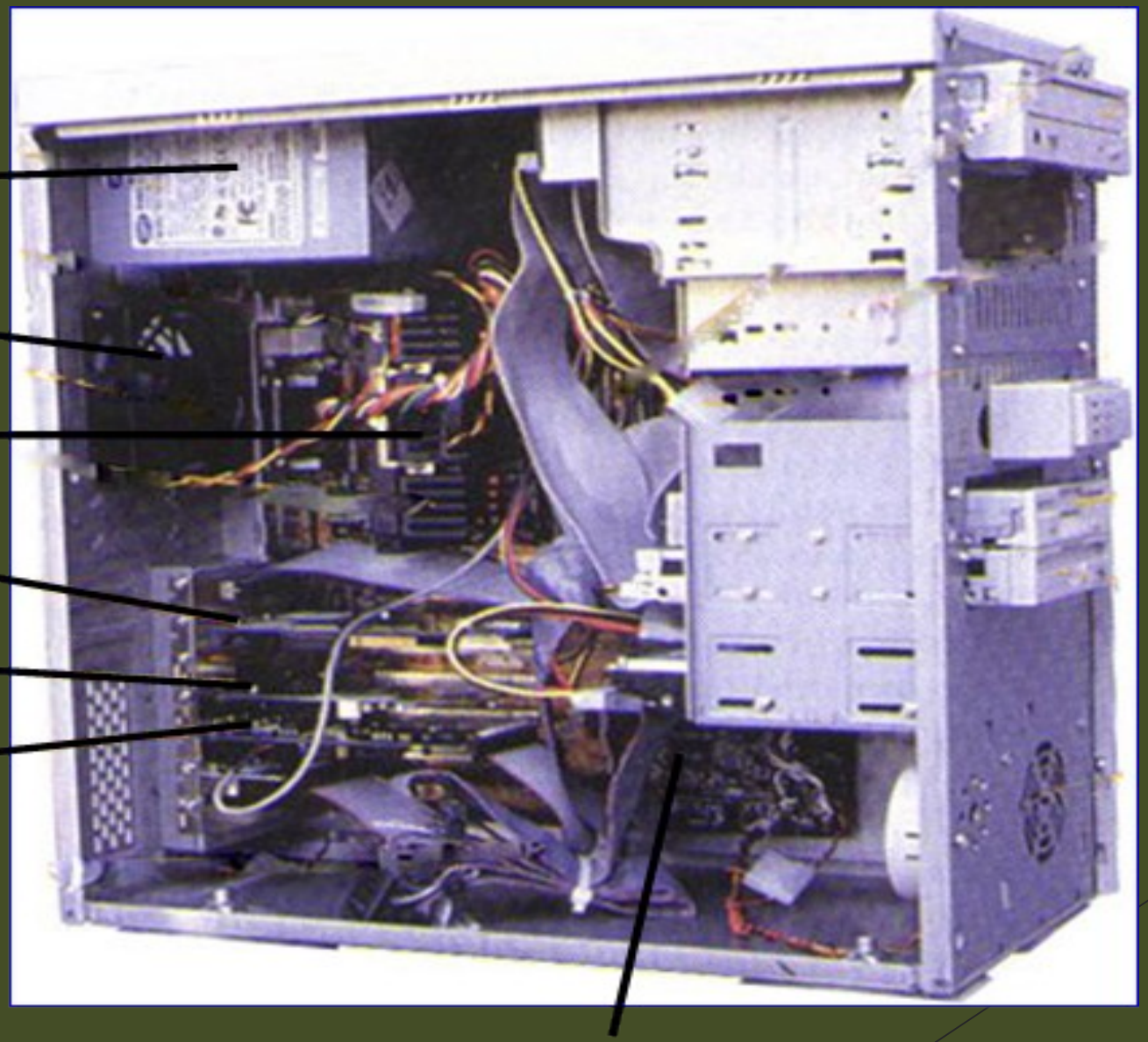
What is CPU?

CPU is a processing device which acts like human brain. The main function of the CPU is to perform arithmetic and logical operations on data taken from memory or on information entered through some device, such as a keyboard, scanner, or joystick. The CPU is controlled by a list of software instructions, called a computer program.



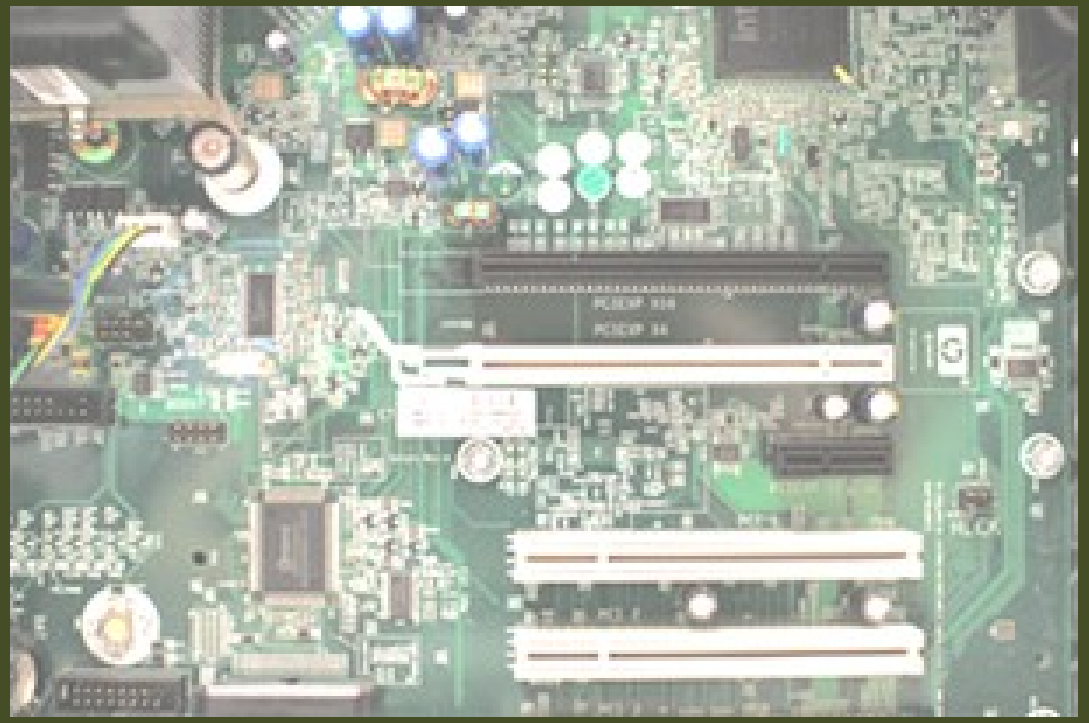


Components of CPU Case



Motherboard

- Motherboard is the main circuit board that holds the whole components of a computer system such as: processor (CPU), RAM, VGA, Slots system, Port system, graphics card, and others. If no motherboard, no computer system at all.



Hard drive

- Hard drive is the main auxiliary storage device that stores all of your data magnetically, including operating system files and folders, documents, music and video.



CD or DVD drive

- CD or DVD drive is a place where CD or DVD to be inserted. This is usually called and the CD-ROM or CD drives. CD-ROM is short for Compact Disk - Read Only Memory.



Front side

