

الكلية : الطب

القسم او الفرع : فرع علم وظائف الاعضاء (الفلسفة)

المرحلة: الأولى

أستاذ المادة : م. م مصطفى عزيز فياض

اسم المادة باللغة العربية : الحاسوب

اسم المادة باللغة الإنكليزية : Computer

اسم المحاضرة الأولى باللغة العربية:

اسم المحاضرة الأولى باللغة الإنكليزية : Computer Components Part One

Chapter1

Introduction to

Computers

What are computers?

Computers are electronic devices that can follow instructions to accept input, process the input and then produce information.

Look inside the computer



SOFTWARE

HARDWARE

Computers are made of

1. HARDWARE
2. SOFTWARE

Hardware

Monitor: Usually described in inches. "I have a 17" monitor."

Central Processing Unit: CPU

RAM: Random Access Memory

Processor: Defined in mhz: ie. "I have a 233mhz Processor" The more mhz, the faster.

Game "joystick"

Speakers for sound

Mouse

Floppy Drive

CD ROM

Hard Drive

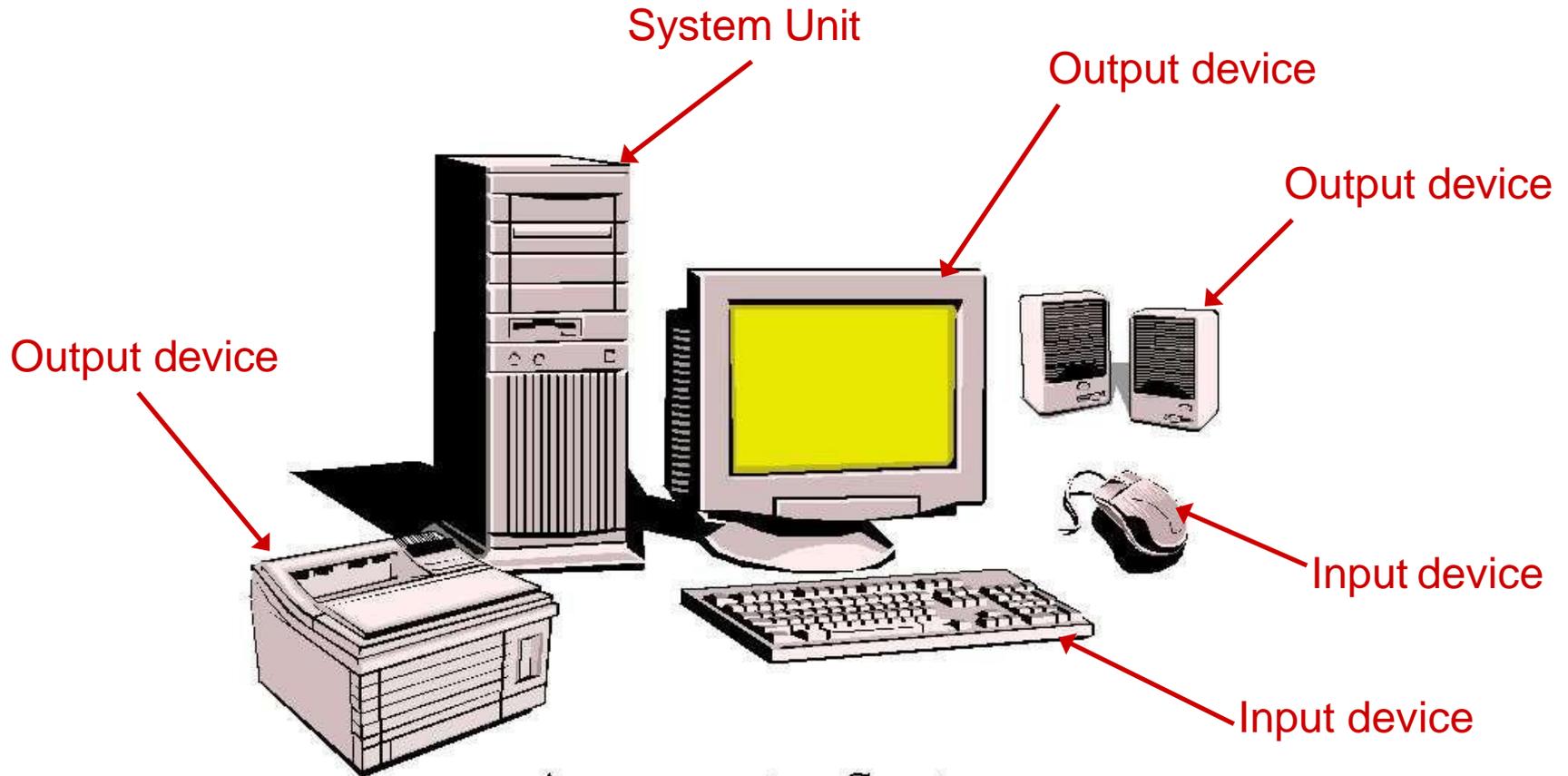
Keyboard



The Case (System Unit or System Cabinet)



Computer Systems

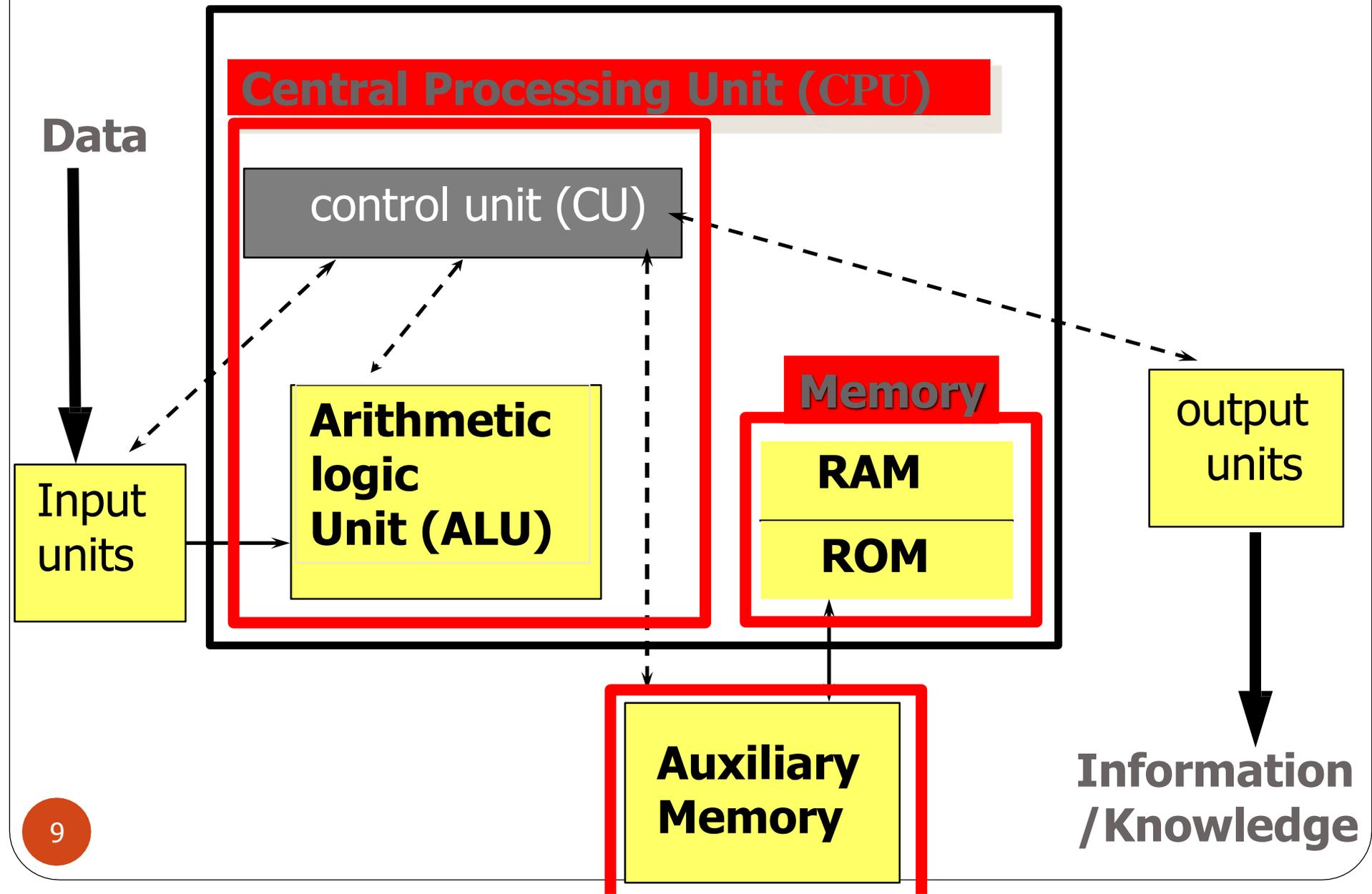


A computer System

Hardware

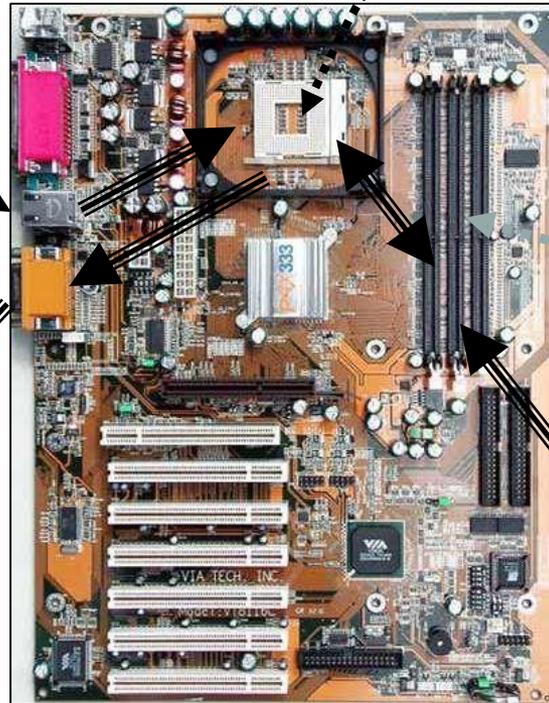
1. Central Processing Unit (CPU)
2. Input units
3. Output units
4. Memory (**Main or Primary** Memory & **Secondary or Auxiliary** Memory)

Components of a Computer System



Hardware Organization

Input Devices ...



CPU



memory



hard drive

motherboard

Input Devices

- Translate data from **form** that humans understand to one that the computer can work with
- Most common are keyboard and mouse



Examples of Input Devices

1. Keyboard (QWERTY keyboard, ATMs keyboard)
ATM: automatic teller machine
2. Mouse
3. Scanner
4. Pre-storage Device (Disk, CD's, ... etc.)
5. Optical mark recognition (Light Pin , Bar code scanners)
6. Microphone
7. Joystick .