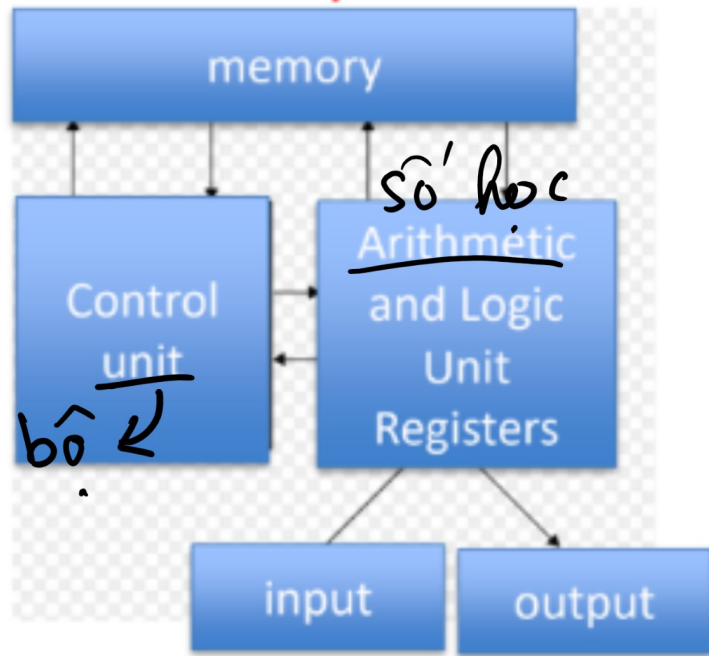


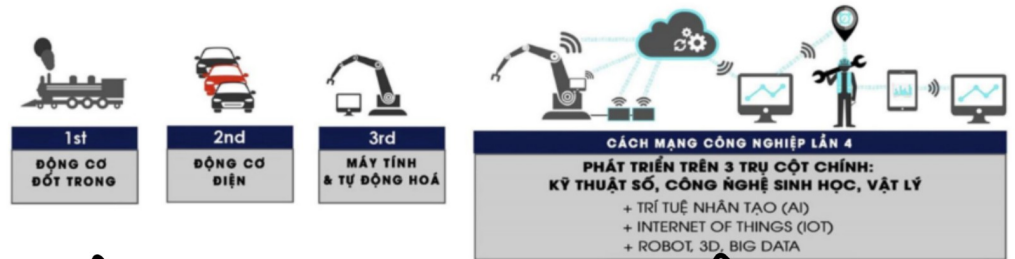
GTNTNTNT - Buổi 1



The program's instructions sequentially by John Von Neumann (sequentially: nối tiếp)

Generation of Computer

- Past → now: 5 gen
- In the future: exist gen 6??



The industrial Revolution

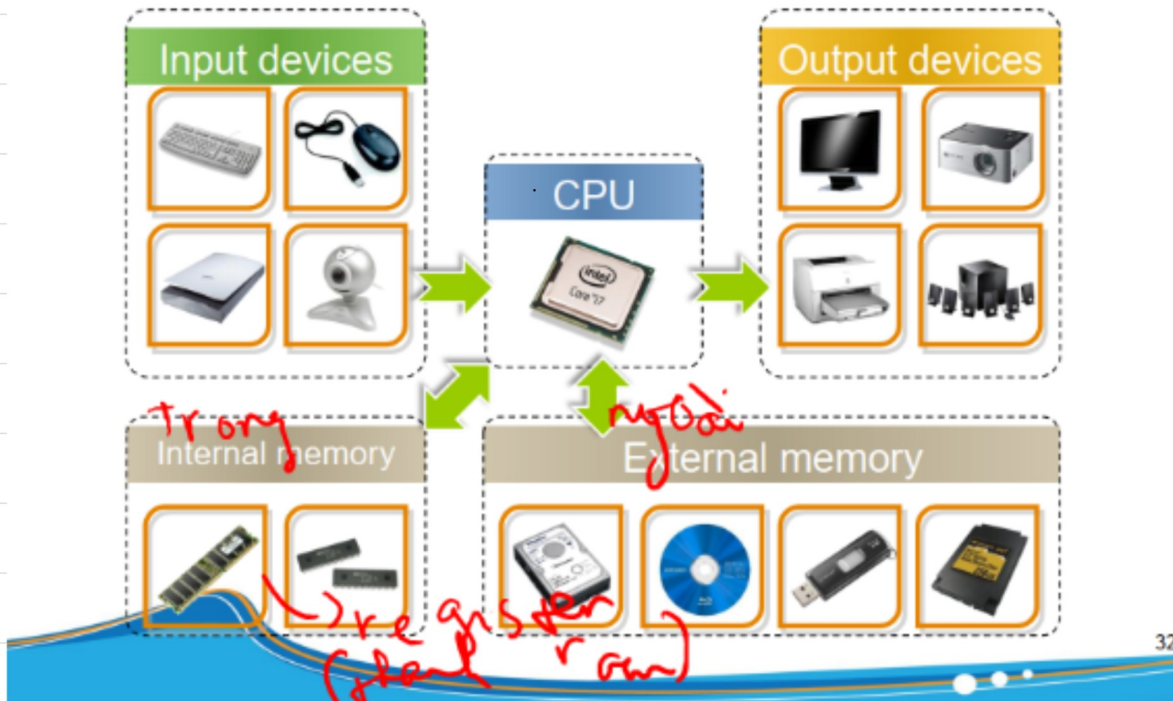
Categorization of Computers

- Super computer
- Mainframe
- Mini computer
- Micro computer

Computer Architecture



Computer Architecture



- Input devices
- CPU
- Internal memory
- External memory
- Output devices

CPU

- + Control Unit
- + Arithmetic Logic Unit
- + Registers
- + Busline
- + Clock

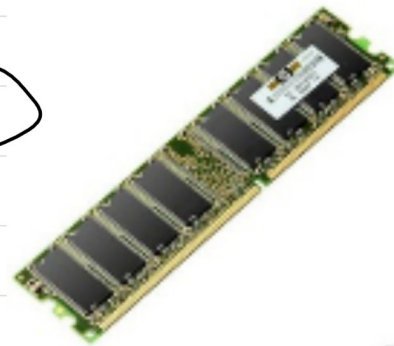


Internal Memory

- ROM
(chỉ đọc)

- RAM
(truy cập ngẫu nhiên)

dễ mất dữ liệu



External Memory

- Base on technical characteristics:
yếu tố kĩ thuật

+ Magnetic System

+ Optical System

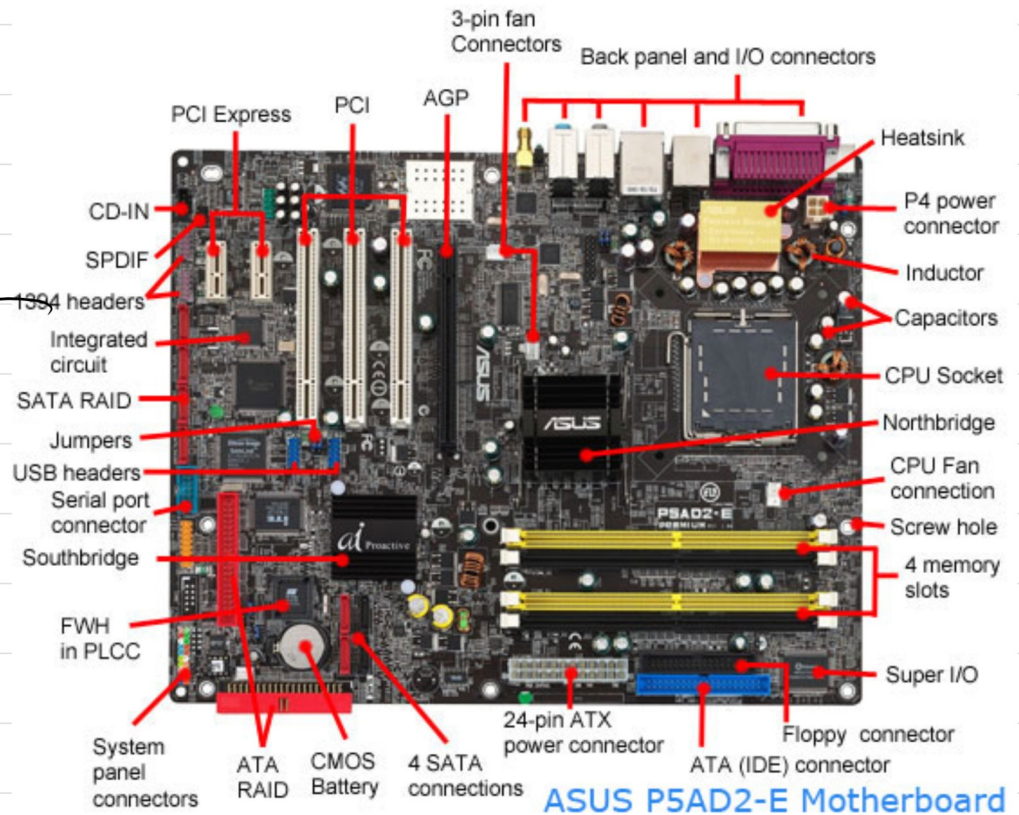
+ Flash drive

+ Solid state drive

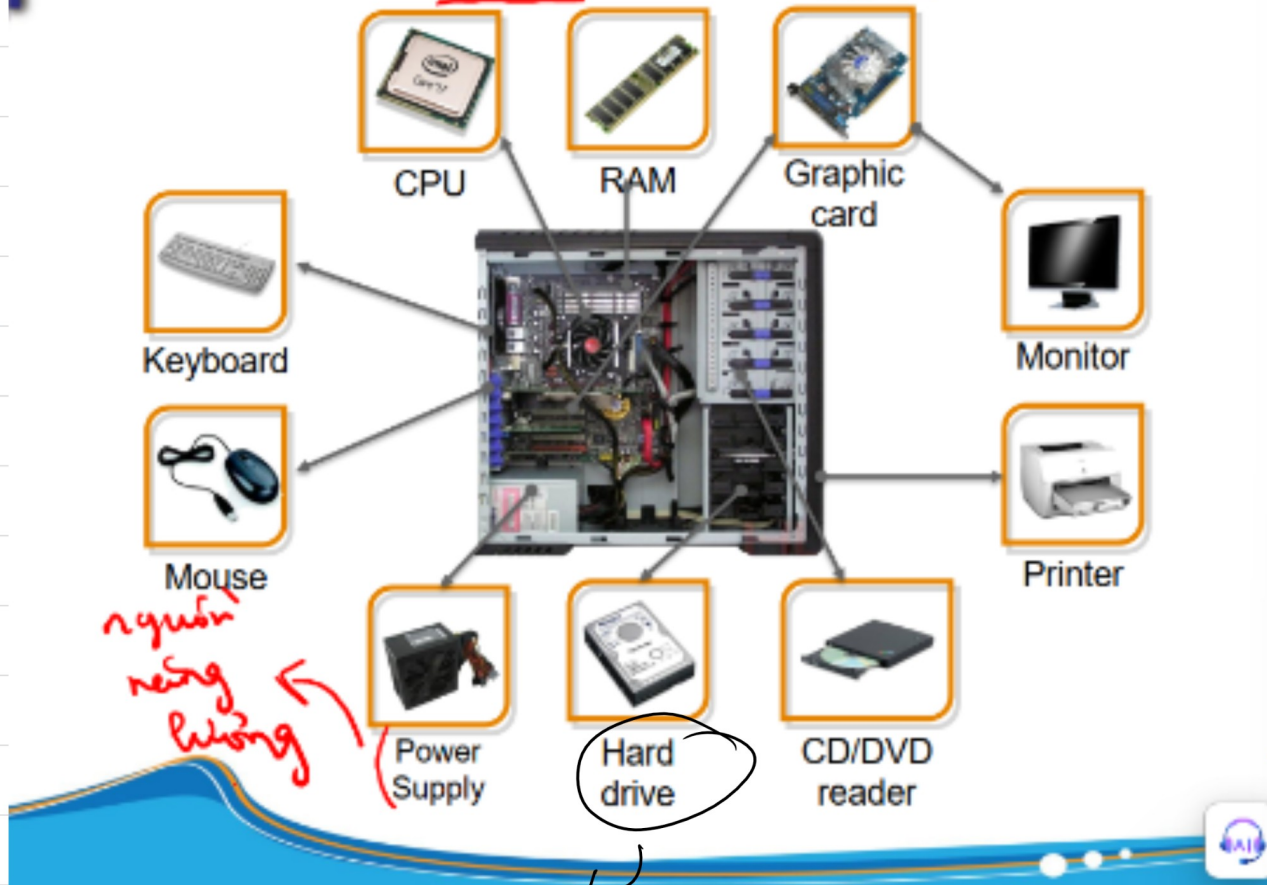
Motherboard

- Đóng vai trò quan trọng và là cầu nối giữa các thiết bị.

Chứa máy cái ai chửi
đ' trên (CPU, RAM, hard
drive, ...)



Bên trong Inside a PC case v3



đĩa cứng