

Hardware

Hardware - some of them

CPU

Memory

Hard disk drive

Peripheral devices

CPU

Central Processing Unit

A CPU executes a sequence of stored instructions.

Memory

RAM - Random Access Memory

Data storage in a computer.

All stored data is lost when power goes down

Hard disk drive

Data storage in a computer, as is RAM

Much slower compared to RAM

Much cheaper to produce than RAM

Hard disk drive

After power has been shut, still remembers

Typically used to store files (audio, video, word processing, text files, ... source code)

Hard disk drive

External disk (USB, Firewire)

Internal disks (IDE, SATA, SDD)

CPU, Memory and Hard Disk

Instructions on a hard disk can be loaded to
RAM

A CPU can execute instructions as stored in
RAM

Peripheral devices

Serial interface

Paralell interface

USB devices

USB

USB

Universal Serial Bus

printer

mouse

keyboard

usb disk

Network

ethernet

wireless

modem