

Hardware

Hardware - *easy to spot*

Keyboard

Screen

Touchpad / mouse

Misc connectors and leds

Hardware - harder to spot

CPU

Memory

Hard disk drive

Network card

CPU

Central Processing Unit

A CPU executes a sequence of stored instructions.

Memory

RAM - Random Access Memory

Hard disk

Memory - RAM

RAM - Random Access Memory

Data storage in a computer.

All stored data is lost when power goes down

Memory - Hard disk drive

Memory / data storage in a computer

Much slower compared to RAM

Much cheaper to produce than RAM

Memory - Hard disk drive

After power has been shut, still remembers

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

Memory - Hard disk drive

External disk (USB, Firewire)

Internal disks (IDE, SATA, SSD)

CPU, Memory and Hard Disk

Instructions on a hard disk can be loaded to
RAM

A CPU can execute instructions as stored in
RAM

Network

ethernet

wireless

modem