

Introduction to computers

IT WS I - Lecture 1

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Why use computers?

Advantages from using computers are:

- Speed
- Reliability
- Accuracy
- Programmable / Automation
- Communication



Parts of computer

Various parts / peripherals of computer are:

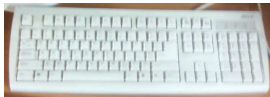
- Central Processing Unit / Cabinet
- Input devices
 - Keyboard
 - Mouse
 - Scanner
- Output devices
 - Monitor
 - Printer
 - Speakers
- Drives
 - CD Drive / DVD Drive / Combo Drive
 - Pen Drive
 - Hard Disk
 - USB Drive



Central Process Unit



Keyboard



Mouse



Scanner



Monitor



Printer



Plotter



Speakers



Hard disk



CD Drive



Pen Drive



Other hardware related to computers

Other hardware / other types of computer

- Laptop
- Uninterruptible Power Supply (UPS)
- PCI Cards



Laptop



Uninterruptible Power Supply



PCI Cards



Computer ports

Devices are connected to computer using different types of ports.
Some common port types are:

- USB port
- Power port
- PS/2 (Keyboard / Mouse)
- CRT port (Monitor)
- Ethernet port
- Audio port
- Serial port
- Parallel port



CPU ports - 1 (Back ports)



CPU ports - 2 (Front ports)



CPU ports - 3 (Front ports)



CPU ports - 4 (Back ports, Connected)



USB port - 1



USB port - 2



USB port - 3



USB port - 4



USB cable - 1



USB cable - 2



Power port



Power cable



PS/2 ports (Keyboard / Mouse)



PS/2 cable (Keyboard / Mouse)



CRT port (Monitor)



CRT cable (Monitor)



Ethernet port



Ethernet cable



Audio port - 01



Audio port - 02



Audio port - 03



Audio cable



Serial port



Parallel port

