# Introduction to computers IT WS I - Lecture 1

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Introduction to computers IT WS I - Lecture 1

	Introduction	Why use computers Parts of computer Other hardware related to computers Computer ports
Contents		

- Why use computers
- Parts of computer
- Other hardware related to computers
- Computer ports



Introduction Why use computers Parts of computer Other hardware related to computers Computer ports

Advantages from using computers are:

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



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# Parts of computer

Various parts / pheripherals 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

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# Central Process Unit









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# Keyboard









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#### Mouse





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#### Scanner







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# Monitor







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# Printer







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# Plotter





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# Speakers





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## Hard disk











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# **CD** Drive









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Pen Drive





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#### Other hardware related to computers

Other hardware / other types of computer

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



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# Laptop





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# Uninterruptible Power Supply





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# PCI Cards







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# 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



Image: A matrix

Why use computers Parts of computer Other hardware related to computers **Computer ports** 

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# CPU ports - 1 (Back ports)





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# CPU ports - 2 (Front ports)





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# CPU ports - 3 (Front ports)





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# CPU ports - 4 (Back ports, Connected)





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# USB port - 1





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USB port - 2		





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# USB port - 3





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# USB port - 4





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USB cable - 1		





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USB cable - 2		





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#### Power port





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# Power cable





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# PS/2 ports (Keyboard / Mouse)





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Introduction Why use computers Parts of computer Other hardware related to computers Computer ports PS/2 cable (Keyboard / Mouse)







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# CRT port (Monitor)





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# CRT cable (Monitor)





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# Ethernet port





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## Ethernet cable



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#### Audio port - 01





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## Audio port - 02





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### Audio port - 03





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Audio cable		





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	Computer ports

# Serial port





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# Parallel port





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