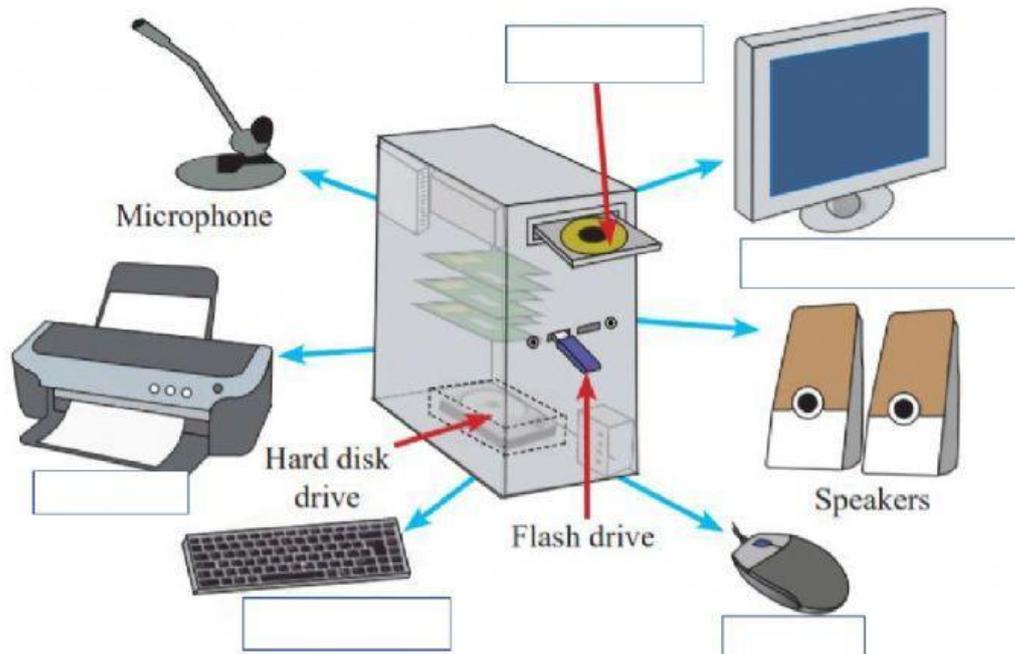


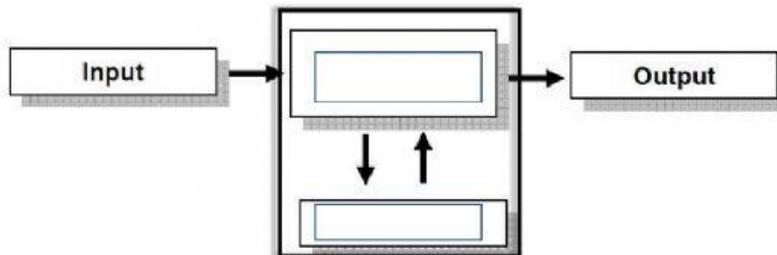
# Computer peripheral devices



## Computer peripheral devices

Computer is an electronic machine that capable of performing the following operations,

- data
- data
- **Process data and**  **information**
- **Display Information**



There are **different types of devices** available to perform the above functions.

**devices** - The devices available to **input** the data

**Processing Devices** - The devices available to **process** the data (Ex. CPU)

**devices** - The devices available to **store** the data

**Output data** - The devices available to **display** the data

Input	Output	Storage
<input type="text"/>	Monitor	<input type="text"/>
Mouse	<input type="text"/>	Optical disk drive
<input type="text"/>	Speaker	<input type="text"/>
<input type="text"/>		Magnetic tape drive

## Match the relevant text with the image

Enter text, Numbers and  
Special Symbols

Show output, but cannot be  
touched

Consider as both input &  
output device

Image input device

Used to store data and  
information



## Specification of Computer and peripheral devices

Specification specify the general feature of an items.

**Example 01** – Width and  of a table

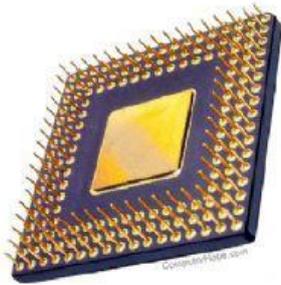
**Example 02** –  of pages in a book

Similarly, **each and every parts** of the computer should have the specification. These **specification** are very important when  **or**  a computer.

# Specification of Computer and peripheral devices

## Processor

**Processor**, also known as  (**CPU**) is considered as the most important unit of the computer. It **responsible** to do any task that  by user. It is like a **human** , because human use this part to control a task. CPU chip is **located** inside the  that **fix** **into the main board** (  )



## Speed of CPU

**Performance** of CPU is depend on its . High speed processor is able to complete a task at a **minimum time**. CPU speed can be measured by counting the number of  **completed in a second**. (**Number of instruction per second**)

This measurement is measured using a unit called . (**Also use MHz and GHz**)

Hertz = 1

# Types of Processors

Mainly, there are **three companies** that involve with processor manufacturing. They are,

- 
- **Advanced Micro Device (AMD)**
- 

Intel	AMD	Apple
Pentium Pro	Zen series	<a href="#">Apple A14 Bionic</a>
Celeron	AMD Athlon	<a href="#">Apple A10X Fusion</a>
Dual Core	AMD Ryzen	<a href="#">Apple M1 Pro</a>

Some of the processors manufactured by these companies are as follows



200GE



## Core Technology

In a CPU, **processor** can be considered as separate unit. Earlier processors, CPU consists of only  **processor**, therefore CPU and the processor **considered as same**. However, later introduce more processors (**known as**  **technology**) with CPU to improve the  **power**.

- CPU having one processor known as .
- CPU having two processors known as .
- CPU having four processors known as **squad core**

Type	Name	Examples
Single Core	<i>Pentium I, II, III, IV</i>	
Dual Core	<i>Dual Core/Core 2 Duo</i>	
Quad Core	<i>Core i3, i5, i7, i9</i>	