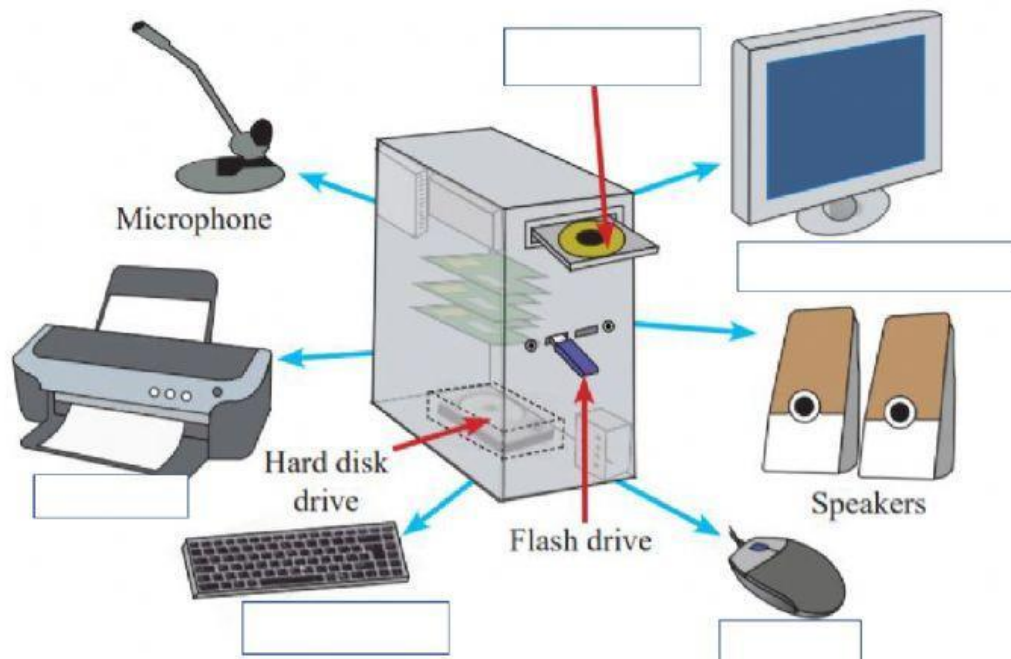


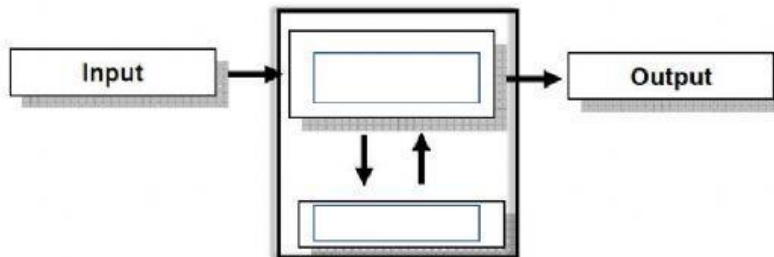
Computer peripheral devices



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
	Monitor	
Mouse		Optical disk drive
	Speaker	
		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

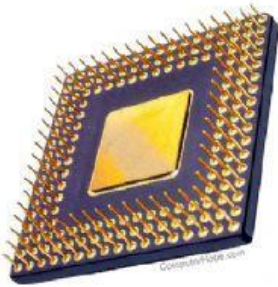
Example 02 – of pages in a book

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

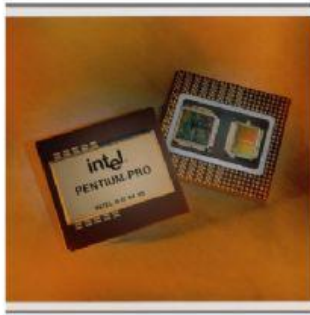
Types of Processors

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

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

Intel	AMD	Apple
Pentium Pro	Zen series	Apple A14 Bionic
Celeron	AMD Athlon	Apple A10X Fusion
Dual Core	AMD Ryzen	Apple M1 Pro

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>	