Parts of a Computer Hardware.	
0	Date
of a computer significantly	the exceed and payon c
Hard Disk Drive (HDD)	depend on the cpu
1981-1981 - Belle Labord radion.	and no pools or the
* A hard disk drive also known o	as hard drive, HD or t
is a non-volatile data storage.	Architectural Diagram
* It is usually installed internall	y in a computer, attack
directly to the disk controller of	f the computer's
motherboard.	manufacture of the second seco
* It connected to the mother bo	pard using an ATA, SC
or SATA cobles.	
* They're powered by a connection	on to the computer's
PSU (Power Supply Unit)	
sister digtor	They to be
Solid State Orive (SSD)	Unil ? Ditha
Chail Limb	المحادث والمحادة
* A solid state drive is a new ger	neration of storage dev
used in computers.	
* SSDs replace traditional mech	anical hard disks by
using flash-based memory, wil	hich is significantly tas
* 5503 speed up computers sign	nificantly due to their
low read-access times and fa	st throughputs.
structions, data and intermed of	eni aropa con tich amp
Central Processing Unit (CPU)	results
and the etipu redto of noitonix	The thirt supplies in R
* A central processing unit, also	called a central proces
or main processor, 19 the electr	ronic circuitry within
computer that executes instruct	tions that make up a
	The state of the s
computer program.	11- 11111-
* The CPU performs basic arith	metic, logic, coritrolling
* The CPU performs basic arith	

- * Responsibilities:
- on Stores all the data and the instructions required for processing.
- as Stores intermediate results of processing.
- os) Stores the final results of processing before these results are released to an output device.
- b Control Unit
- * This unit controls the operations of all parts of the computer, but does not carry out any actual data processing operations.
- * Responsibilities:
- oi) Control the transfer of data and instructions among other units of a computer.
- on Manages and coordinates all the units of the computer.
- of data or results from storage.
- 3 Arithmetic Logic Unit (ALU)
- * Arithmetic Section
- * Function of arithmetic section is to perform arithmetic operations like addition, subtraction, multiplication, division.

 * All complex operations are done by making repetitive
- use of the above operations.

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- Logic section.
- * Function of logic section is to perform logic operations such as comparing, selecting, matching and merging of data.

Monitor.

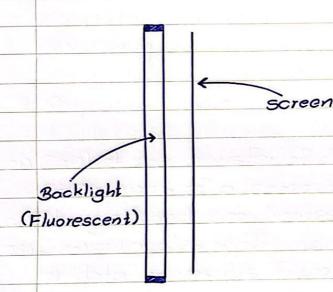
- * Monitor, commonly called as Visual Display Unit (VDU are the main output device of a computer.
- * It forms images from tiny dots, called pixels that are arranged in a rectangular form.
- * The sharpness of the image depends upon the number of pixels.
- * There're 2 kinds of viewing screen used for monitors.

 oi. Cathode Ray Tube (CRT) Monitors.

 oz. Flat panel display.
- a) Cathode Ray Tube (CRT) Monitors.
 - * It uses a beam of electrons to create an image on the screen.
 - * It comprises the guns that fire a beam of electrons inside the screen.
 - * The electron beams repeatedly hit the surface of the screen.
- * These guns are responsible for generating RGB colors and more other colors can be generated with the help of combining these 3 colors.

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- b) Liquid Crystal Display (LCD) Monitors.
- *LCD screens contains a substance known as liquid crystal.
- * The particles of this substance are aligned in a way that the light located backside on the screens (backlight which is fluorescent), which allow to generate an image or block.
- * LCD offers a clear picture as compared to CRT monitors.



- e) Light Emitting Diode (LED) Display.
 - * As the source of light, it uses a panel of LEDs.
- * In modern day wide number of electronic devices use LED displays.

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