

# IECS

**COMPUTER EDUCATION & SKILL DEVELOPMENT**

**Fully Recognised Institute of NIELIT**  
Since 1993

**HARDWARE (ICT) CLASS – I<sup>ST</sup>(CPU & ITS TYPE)**

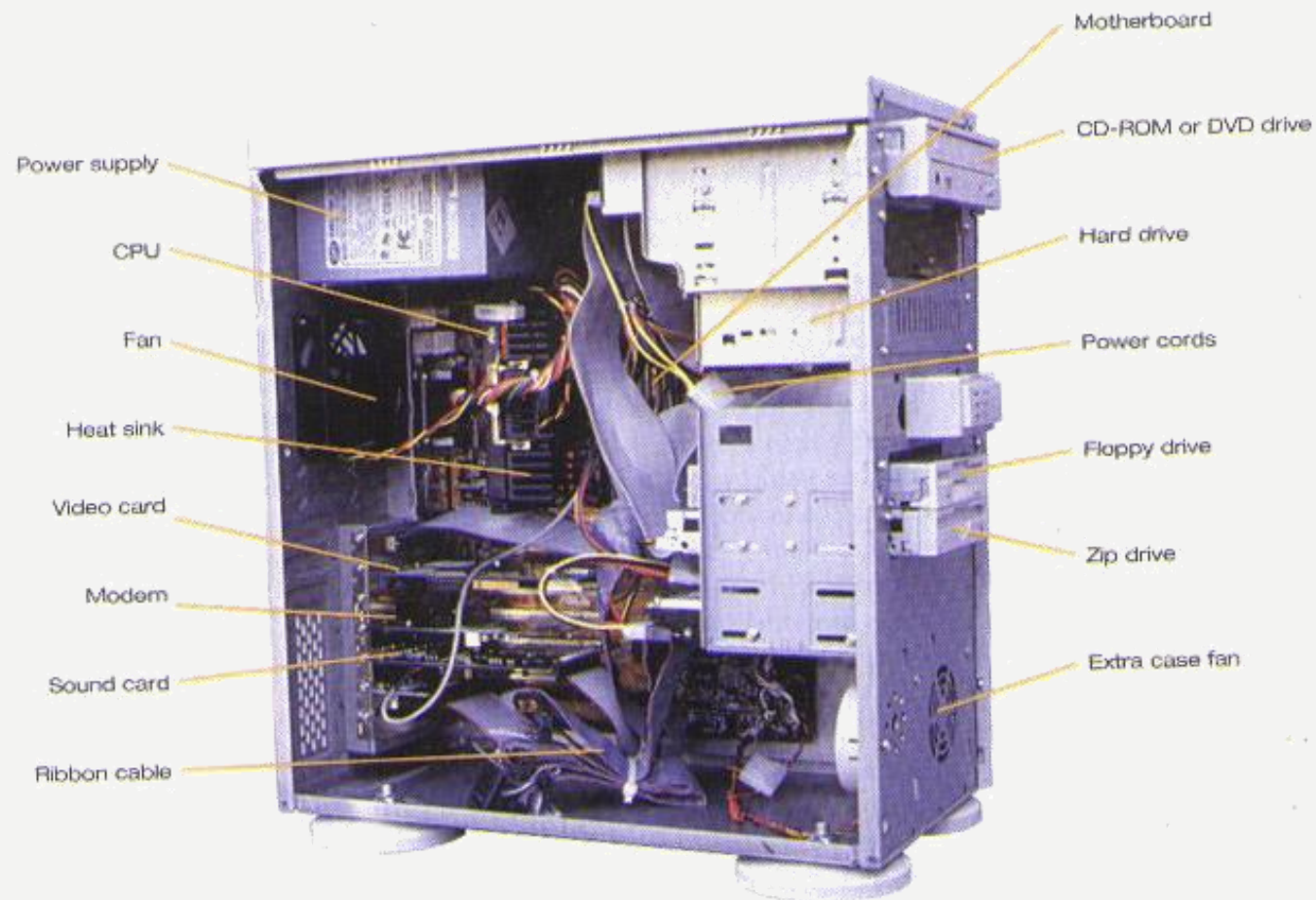
# CPU

## (CENTRAL PROCESSING UNIT)

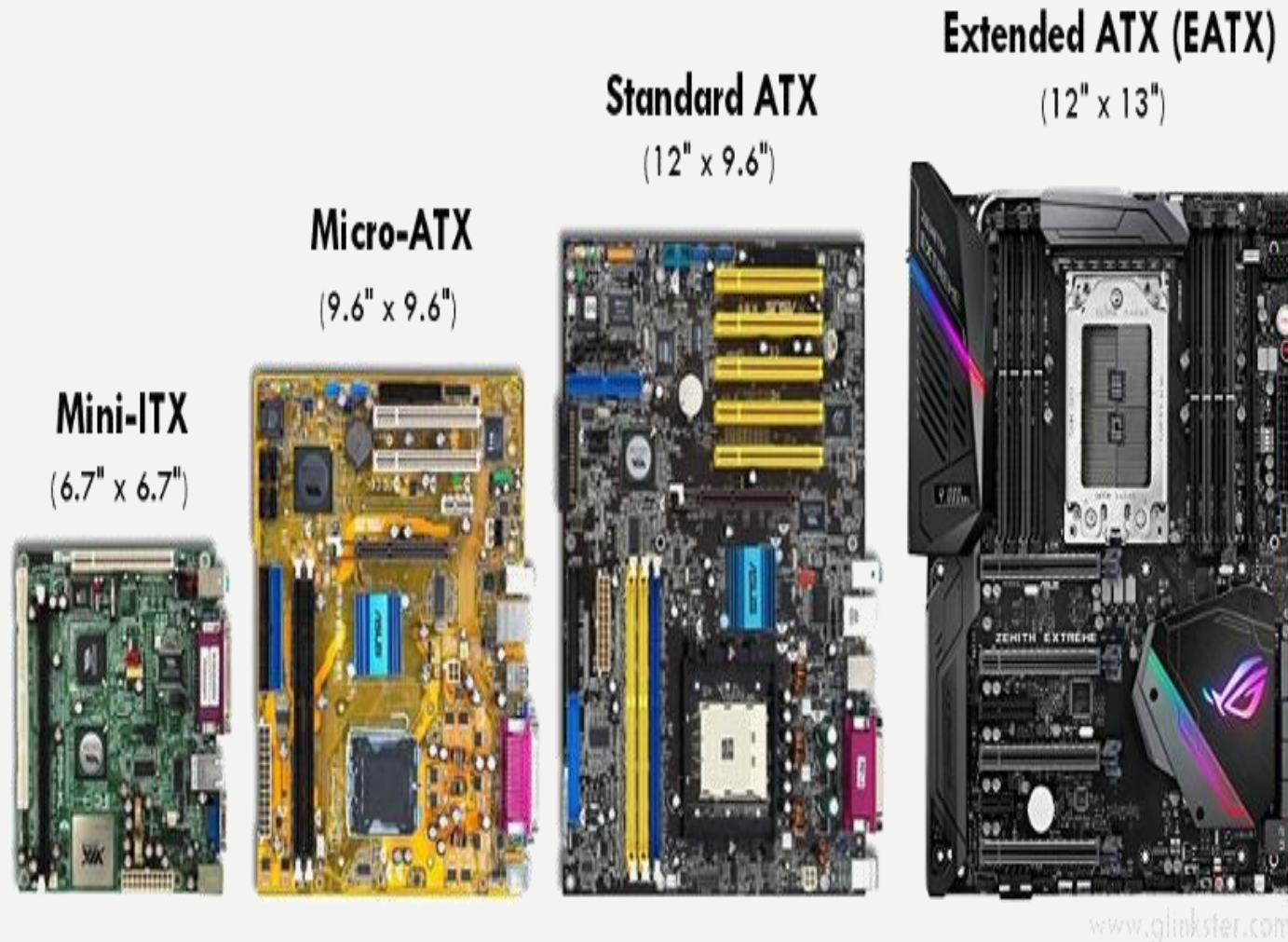


CABINET  
(SYSTEM UNIT /  
SYSTEM BOX)

# INSIDE THE SYSTEM UNIT (CABINET)



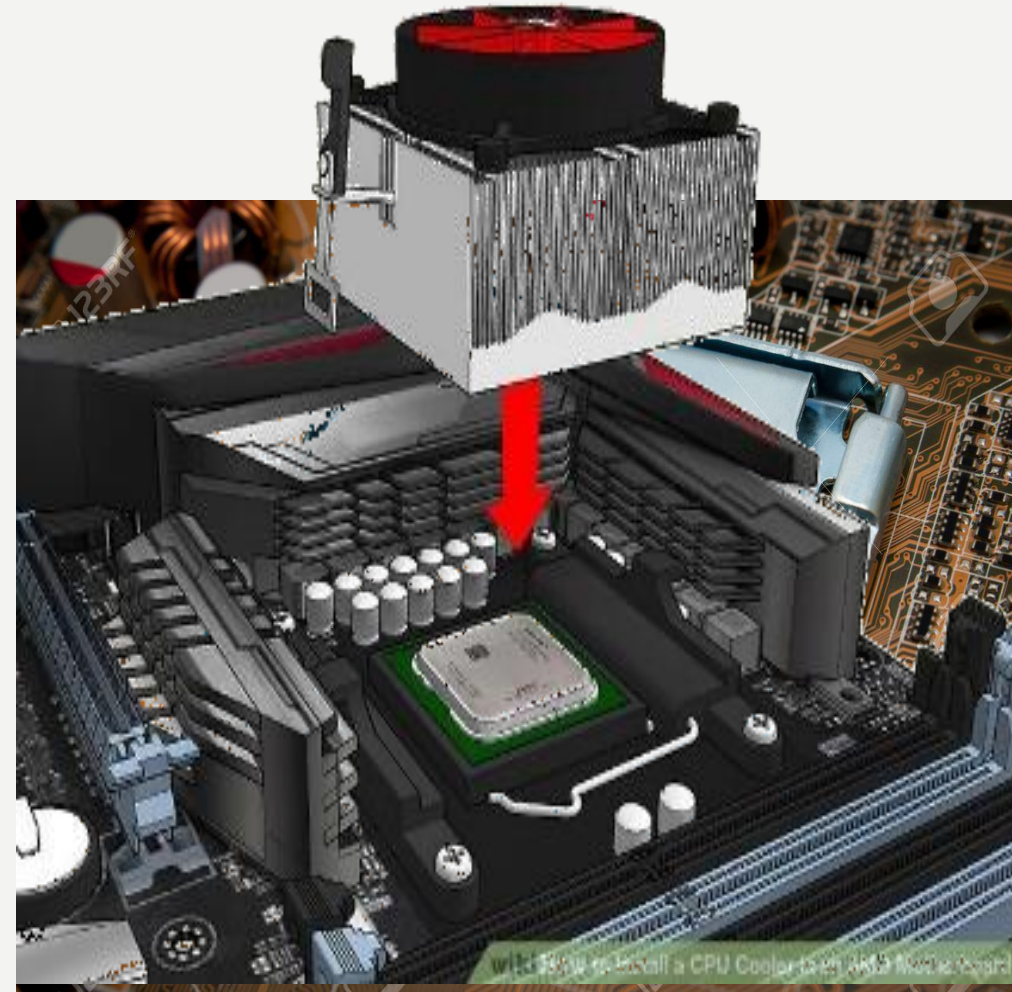
# MOTHERBOARD



A **motherboard** (alternatively known as the **mainboard**, **main circuit board**, **system board**, **baseboard**, **planar board** or **logic board**, or colloquially, a **mobo**) is the main printed circuit board (PCB) found in general purpose computers and other expandable systems. It holds, and allows, communication between many of the crucial electronic components of a system, such as the central processing unit (CPU) and memory, and provides connectors for other peripherals. Unlike a backplane, a motherboard usually contains significant sub-systems such as the central processor, the chipset's input/output and memory controllers, interface connectors, and other components integrated for general purpose use and applications.



# CPU SOCKET



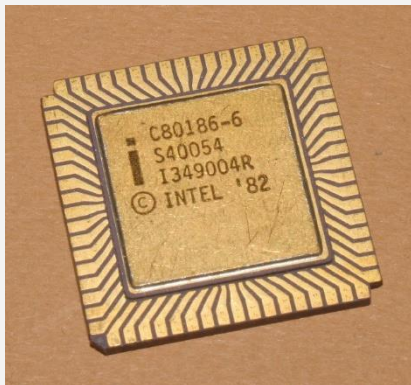
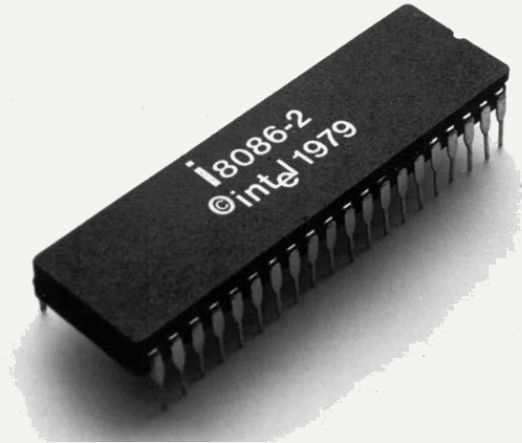
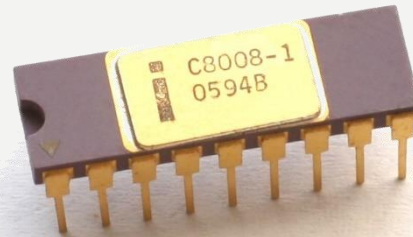
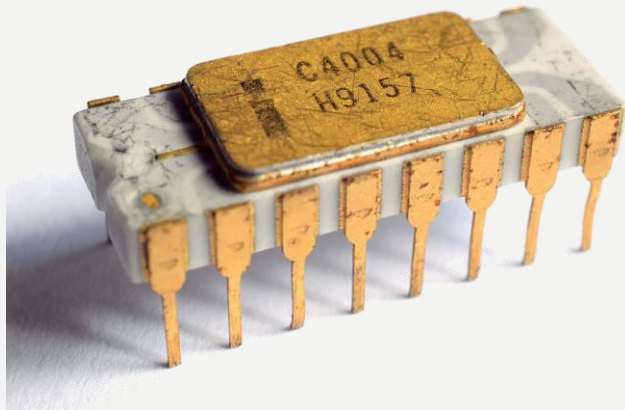
# CPU



A **central processing unit (CPU)**, also called a **central processor** or **main processor**, is the electronic circuitry within a computer that executes instructions that make up a computer program. The CPU performs basic arithmetic, logic, controlling, and input/output (I/O) operations specified by the instructions in the program. The computer industry used the term "central processing unit" as early as 1955. Traditionally, the term "CPU" refers to a processor, more specifically to its processing unit and control unit (CU), distinguishing these core elements of a computer from external components such as main memory and I/O circuitry.



# CPU GENERATION



# CPU GENERATION





# CPU GENERATION



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# THANK'S

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