

Components of Data Processing



Central Processing Unit

- **Primary Storage Unit**

- Holds instructions, data, and intermediate and final results
- A reusable, fast storage medium, directly accessible by the control unit
- Each storage cell is capable of storing one bit of data



Memory Subsystems

- Also known as the “Secondary storage”, allows for extra data storage, exceeding the CPU’s primary storage.
- An efficient and compact means of storing large amount of data, ready for retrieval time is slower than primary storage.
- Retrieval time is slower than primary storage

STORAGE COMPONENTS

- **Mass Storage Devices**

- **Memory Card**

- It is an electronic flash memory data storage device used for storing digital information
 - They are commonly used in many electronic devices, including digital cameras, mobile phones, laptop computers, MP3 players, and video game consoles
 - They are small, re-recordable, and able to retain data without power