

COMPUTER HARDWARE

2.1 Hardware

The physical parts of the computer are called hardware. The user can see and touch the hardware. Different types of hardware components are as follows:

- Input devices such as keyboard, mouse, joystick etc.
- The Central Processing Unit (CPU)
- Output devices such as printer, monitor etc.
- Storage devices such as disc drive, hard drive etc.
- Memory chips such as RAM, ROM etc.

2.2 Basic Computer Architecture

A computer is a combination of many components. These components perform different functions. All components work together and communicate with one another. The way in which computer components are connected with one another is called computer architecture. Different components of computer architecture are as follows:

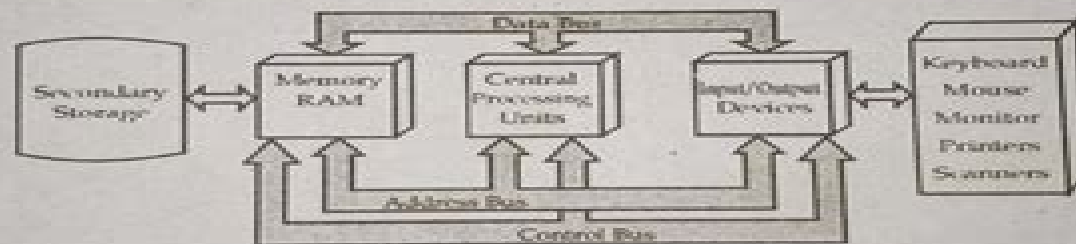


Figure: Basic Computer Architecture

Central Processing Unit

Central processing unit is the brain of the computer. It carries out most of the work of a computer. It performs all operations on data according to the given instructions. It executes instructions and tells other parts of computer what to do. It controls and coordinates all activities of computer system. A computer cannot work without CPU.

Main Memory

Main memory is an important component of computer system. It is used to store program and data that are being executed. It is also called working area of computer system.

I/O Unit

I/O unit controls processor's communication with peripheral devices such as monitor, disk drive and printer connected to the computer system.

Basic Computer Hardware Solution Manual

Bruce Reinhart



Basic Computer Hardware Solution Manual:

Solutions and Instructor's Resource Manual to Accompany Fundamentals of Structured COBOL Programming

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