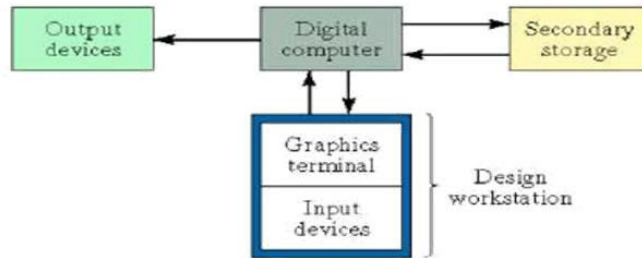
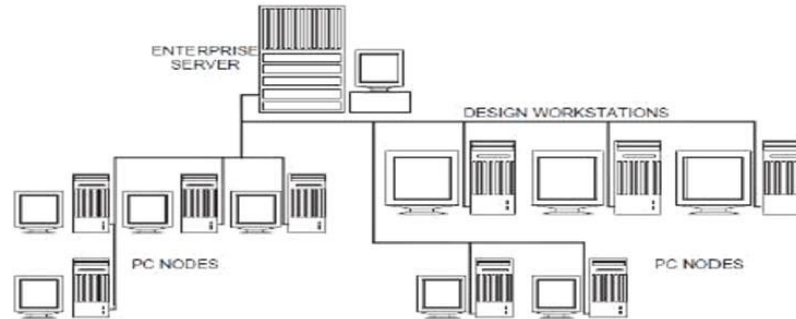


# Lecture No 7 Topic: Work station



**Configuration of a typical CAD system**

**A Typical Computer Hardware Configuration**



# Work station

Computers are commonly divided into the following types:

- i. Personal Computer or Microcomputers
- ii. Mini Computers
- iii. Mainframes
- iv. Supercomputers

**The hardware of a Pentium computer consists of the following:**

- i. Mother board
- ii. Hard disc/floppy disc controller card
- iii. Graphics adapter card
- iv. Input/Output card
- v. Switch mode power supply
- vi. Floppy disc drive
- vii. Hard disc drive
- viii. CD-ROM drive

## Specifications of a Typical PC

2.8 GHz or faster CPU  
ATX Motherboard with on board LAN or network adapter  
512 MB RAM  
40 GB or higher 7200 rpm IDE hard disc drive  
1.44 MB 3.5" Floppy disc drive  
CD- RW 40 X Read, 24X Write, 10 X Rewrite drive  
17" LCD Monitor or 17" CRT Monitor  
On- board sound or Creative Live sound card and amplified speakers  
PS2 Key Board and Mouse  
nVidia GeForce video card, on board Intel Extreme Graphics Card

# Questions



1. What is the use of workstation
2. Define the different type of CAD standards
3. What should the configuration of CAD System
4. What is RAM and ROM

## What is Device?

- It can be defined as the components or peripherals which are attached to the computer to enter the data and get the desired result.
- Examples:- Monitor, Keyboard, Mouse, Printer, etc.

# INPUT DEVICES



- It is an Electromechanical Device that can be used to enter data and instructions to the computer