

Computer Organization

Basic Structure of Computers

Functional Units: one or more

- **Fixed Point Unit (FXP) , Integer Unit, Scalar:
ALU - one or more**
- **Floating Point Unit:
FLP Adder, FLP Multiplier, FLP Divide Unit
Functional Evaluation Unit**

Memory System:

**Memory Management Unit
Cache - one or more levels
Main Memory (interleaving)**

I/O Subsystem

usuaily consisting of several I/O processors

Control Unit

BUS ORGANIZATION

