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

usually consisting of several I/O processors

Control Unit