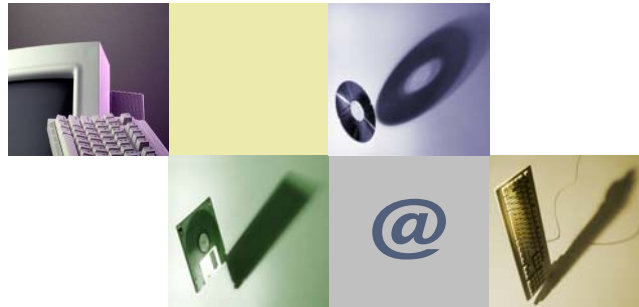


Inside PC

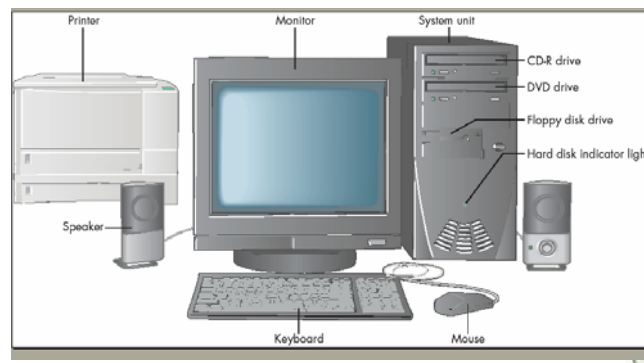


Digital Computer Concept and Practice

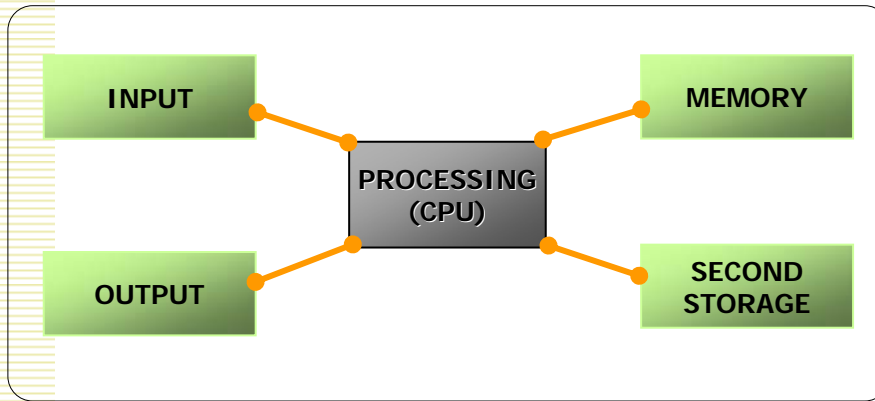
Sources: danawa.com, kbench.com, wikipedia.org

Computer

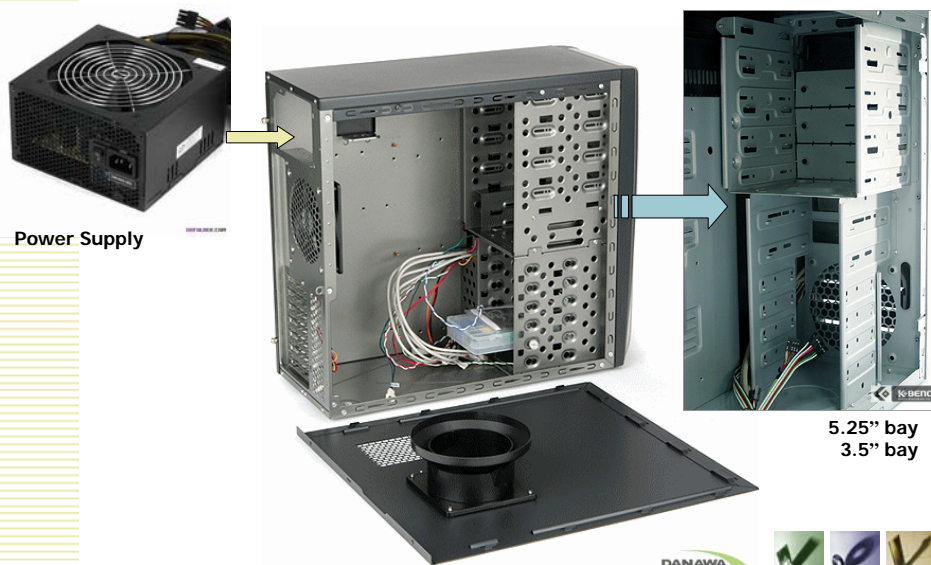
- A computer is an electronic device that can accept data (input), process the data according to specified rules (process), produce results (output), and store the results (storage) for future use



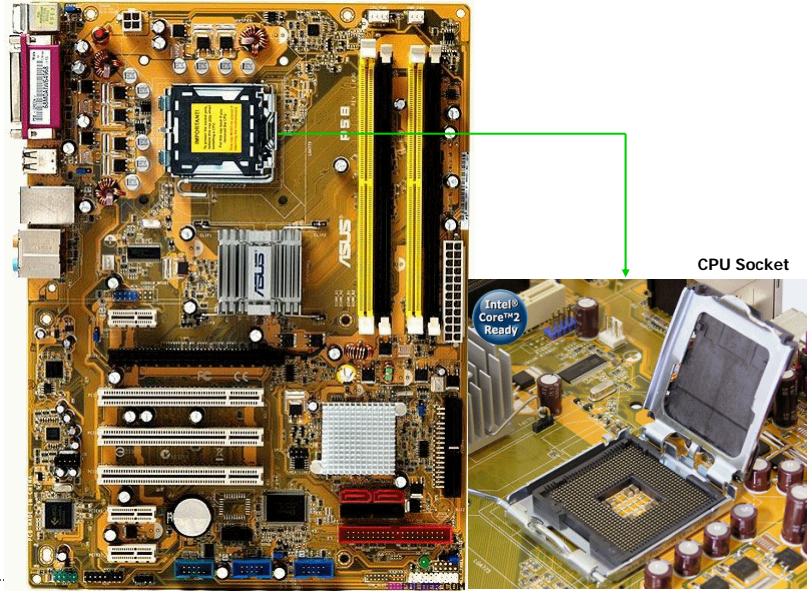
Basic Components



Desktop Case



Mainboard



Intel CPUs

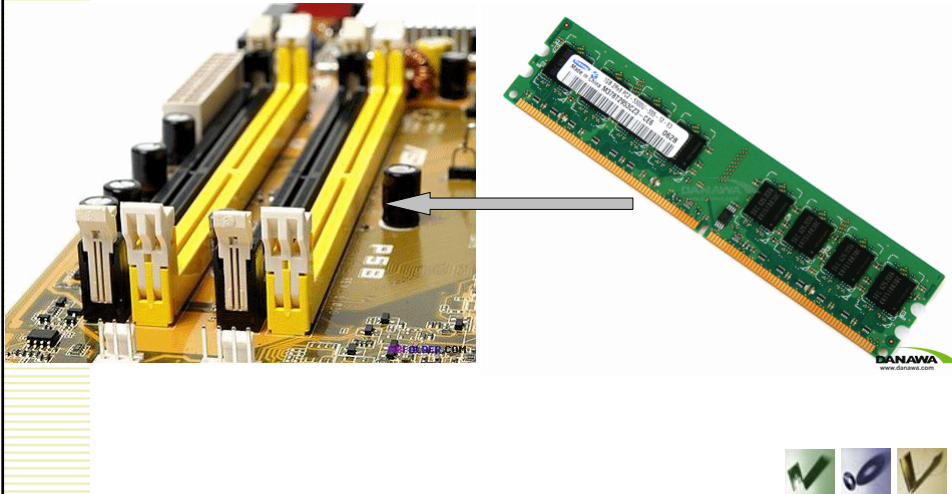
Pentium 4 (Socket 478)



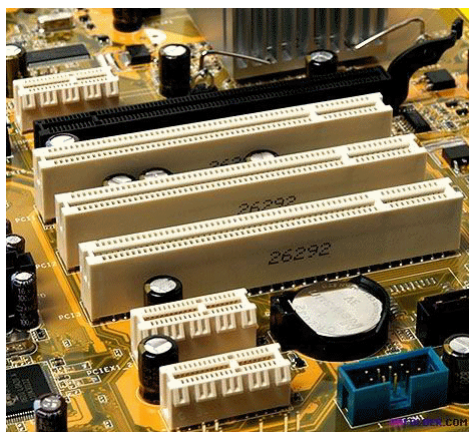
Pentium 5 or later (Socket 775)



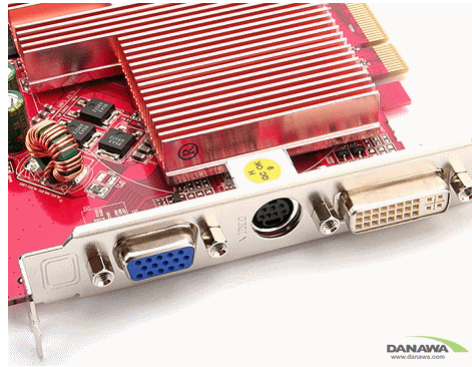
Memory



PCI Slots



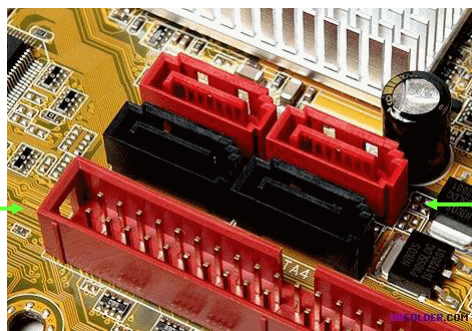
Video Card



D-SUB
DVI

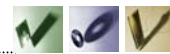


Storage Connectors

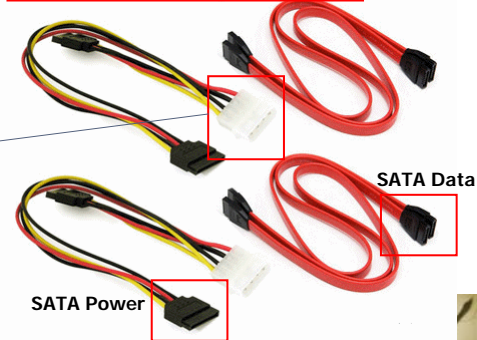


ATA (Advanced Technology Attachment) → PATA (Parallel ATA)
= IDE (Integrated Drive Electronics)
= ATAPI (AT Attachment Packet Interface)

SATA (Serial ATA)



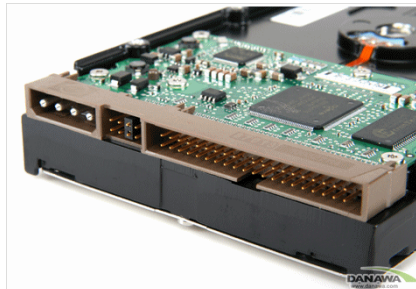
Cables



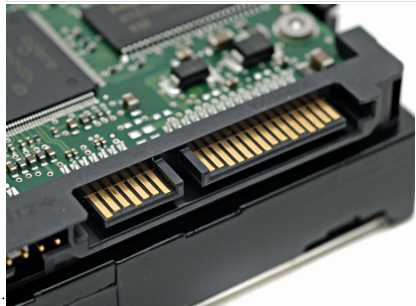
Hard Disks (HDD)



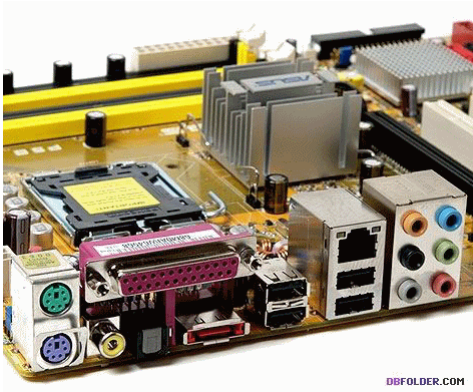
IDE



SATA



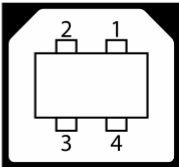
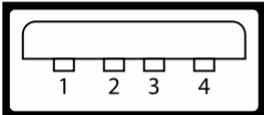
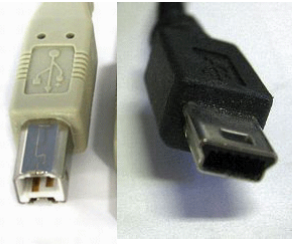
Input, Output Connectors



- PS/2 (mouse, keyboard)
- Parallel Port
- USB
- IEEE 1394 (FireWire)
- LAN
- Analog Sound In/Out
- Digital Sound Signal Out



USB



IEEE 1394

