

The Visible PC

Vocabulary and Definitions

- **Hardware** - Pieces that you can "walk away with" (HDD, Monitor,...)
- **Software** - Programs executed on the machine, including the OS (Microsoft Office, Windows,...)
- **System Unit** - PC case + components

Connectors

- **Mini-Din** - PS/2
- **RJ** - Registered Jack
- **USB :**
 - **A :** Side that is plugged onto the computer
 - **B :** Side that is plugged onto devices
- **FireWire (Apple Name)** - IEEE 1394
- **DB** or **D-subminiature** or **D-shell** - Family of connectors
 - **DB - 15** = VGA
- **Molex** - BERG connector
- **Modem** - Modulator - Demodulator
- **PATA** - Parallel ATA
- **SATA** - Serial ATA
- **Plugs, Ports, Jacks and Connectors**
 - Plug - A part that goes into a port
 - Port - Part with matching holes
 - Jack - Alternative to port
 - Connector - Describes a port or jack ,or a plug



Mini-Din



RJ-11



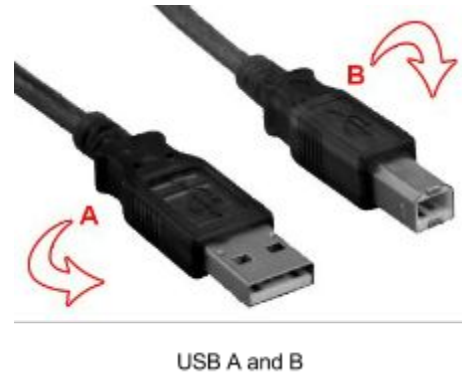
Fire Wire / IEEE 1394



MOLEX

CPU - RAM

- **PGA** - Pins are on CPU (AMD)
- **LGA** - Pins are on socket (Intel)
- **ZIF** - Zero Insertion Force (AMD)
- **DIMM** - Dual Inline Memory Module



Stages

- **Input** : Getting the data
- **Processing** : Process or manipulate data
- **Output** : Result of processing the data. Can be :
 - **Soft** : Monitor output
 - **Hardcopy** : Printing on paper
- **Storage** : Save it to a storage device (HDD, Blu-Ray,...)

References :

- Mike Meyers - CompTIA A+ Certification All-In-One Exam Guide 8th edition
- Images :
 - Mini-Din - <http://www.hspeon.com/images/a/acp-9008-mini-din-circular-assembly-plug.jpg>
 - RJ - <https://upload.wikimedia.org/wikipedia/commons/thumb/c/c5/Photo-RJ11.jpg/200px-Photo-RJ11.jpg>
 - Firewire - <http://forwardtechnologies.com/wp-content/uploads/2014/02/Firewire6-pin.jpg>
 - USB - https://rolandus.zendesk.com/hc/en-us/article_attachments/202912345/usbcable.jpg
 - Molex - https://upload.wikimedia.org/wikipedia/commons/3/31/Molex_female_connector.jpg

