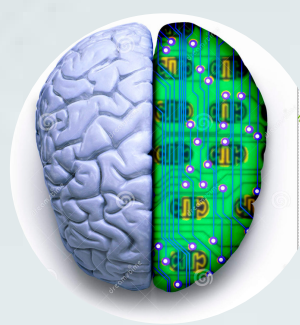


Memory Caching



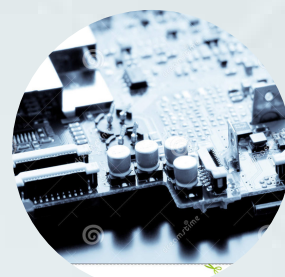
RAM



SRAM

Memory caches or cache store is a type of memory buffer or a RAM cache that is a portion of memory made up of high-speed static RAM(SRAM) instead of the slower and cheaper dynamic/native RAM (DRAM)

Disk Caching



DRAM



Disk Drive



Native Ram

Disk cache is a mechanism for improving the time it takes to read from or write to a hard disk. This type of cache is usually included as part of the hard disk which could also be a specified portion of random access memory

Cache's Level

First

Primary Cache
Embedded in the processor. So this type is Fast Caching

Second

Secondary Cache
This will catch the uncaught recent data from processor in Level 1

Third

Performance level is slower than L1 and L2 but it would catch the recent data from CPU Cores



Roasted beet