

SRAM VS DRAM

43.

RAM :- The information stored in this type of memory is lost when the power supply to the PC or laptop is switched off. The information stored in RAM can be checked with the help of BIOS. It is generally known as the main memory or temporary memory or cache memory.

Difference b/w SRAM and DRAM

SRAM

DRAM

① SRAM has lower access time, which is faster compared to DRAM

① DRAM has a higher access time, it is slower than SRAM

② SRAM is costlier than DRAM

② DRAM cost is lesser compared to SRAM.

Uses transistors and latches

uses capacitors and next few transistors

SRAM is of a smaller size

DRAM is available in larger storage capacity.

The storage capacity of SRAM is 1MB to 16 MB

The storage capacity of DRAM is 1GB to 16GB.