

SPAM

SPAM has lower access time, which is faster compared to DRAM

SPAM is costlier than DRAM

SPAM needs a constant power supply, which means it consumes more power.

SPAM offers low packaging density

Uses transistors and latches.

L2 and L3 CPU cache units are some general application of an SPAM

The storage capacity of SPAM is 1 MB to 16 MB

You will lose data when power is OFF

DRAM

DRAM has a higher access time, it is slower than SPAM

DRAM cost is lesser compared to SPAM

DRAM requires reduced power consumption as the information stored in the capacitor

DRAM offers a high packaging density.

Uses capacitors and very few transistors

The DRAM is mostly found as the main memory in computer

The storage capacity of DRAM is 1 GB to 16 GB

It is volatile, so you will lose the data when memory is not powered.

It is higher power consumption compared to SRAM.

SRAM performance is better than DRAM in terms of speed, it means it is faster in operation.

SRAM used to create speed sensitive cache.

It has a low storage capacity.

Cheaper compared to SRAM and it has a storage capacity.

It doesn't require to refresh the memory contents.