

# Random Access Memory (RAM)

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**Random Access Memory (RAM)** is a type of data storage used in computers that is generally located on the [motherboard](#). This type of memory is volatile and all information that was stored in RAM is lost when the computer is turned off. Volatile memory is temporary memory while [Read-Only Memory \(ROM\)](#) is non-volatile and holds data permanently when the power is turned off.

**RAM** is often divided into [Stack Memory](#) and [Heap Memory](#)

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