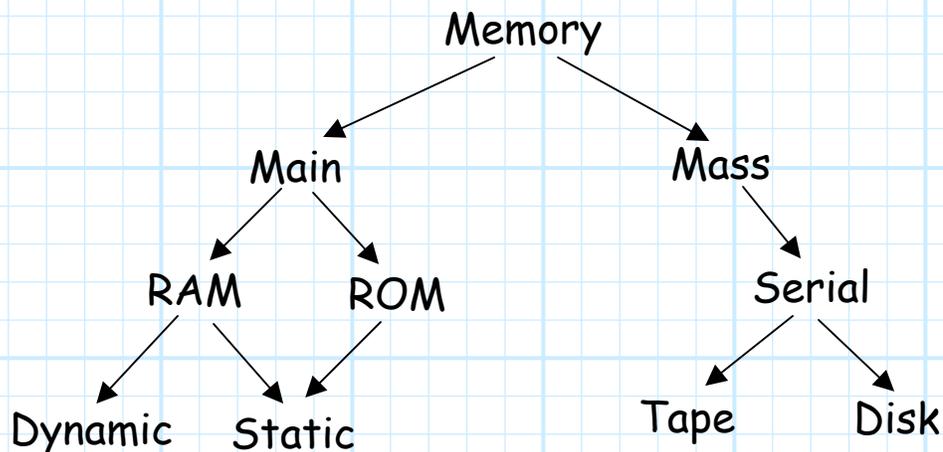


# Computer Memory

**Digital Memory** → Required for storing data and program instructions.

## Memory Types:

<i>Volatile</i>	OR	<i>Non-volatile</i>
<i>Main-Memory</i>	OR	<i>Mass-storage</i>
<i>Read/Write</i>	OR	<i>Read Only (ROM)</i>
<i>Random Access</i>	OR	<i>Serial</i>
<i>Dynamic (DRAM)</i>	OR	<i>Static (SRAM)</i>



General performance parameters (Read/write):

	<b>Speed</b>	<b>Cost/bit</b>	<b>Volatility</b>
<b>SRAM</b>	faster	\$\$\$	Yes
<b>DRAM</b>	fast	\$\$	Yes
<b>Serial</b>	slow	\$	No

As a result, there is **no** perfect computer memory—most computers will use **several** memory types!