

# DRAM vs. SRAM

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Single transistor vs. many gates

- Denser, cheaper (\$30/1GB vs. \$30/2MB)
- But more complicated, and has analog sensing

Also needs refresh

- Read and write back...
- ...every few milliseconds
- Organized in 2D grid, so can do rows at a time
- Chip can do refresh internally

Hence... slower and energy inefficient