

Memory Access Time and Cost in 2012

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Note: 1 GiB (gibibyte) = 2^{30} = 1,073,741,824 bytes.

Technology	Typical Access Time	\$ per GiB
SRAM	0.5–2.5 ns	500–1000
DRAM	50–70 ns	10–20
Flash	5000–50,000 ns	0.75–1.00
Magnetic Disk	5×10^6 – 20×10^6 ns	0.05–0.10