Storage Trends

SRAM

metric	1980	1985	1990	1995	2000	*2000:1980*
$/MB	19,200	2,900	320	256	100	*190*
access (ns)	300	150	35	15	2	*100*

DRAM

metric	1980	1985	1990	1995	2000	*2000:1980*
$/MB	8,000	880	100	30	1	*8,000*
access (ns)	375	200	100	70	60	*6*
typical size(MB)	0.064	0.256	4	16	64	*1,000*

Disk

metric	1980	1985	1990	1995	2000	*2000:1980*
$/MB	500	100	8	0.30	0.05	*10,000*
access (ms)	87	75	28	10	8	*11*
typical size(MB)	1	10	160	1,000	9,000	*9,000*

(Culled from back issues of Byte and PC Magazine)

CPU Clock Rates

	1980	1985	1990	1995	2000	*2000:1980*
processor	8080	286	386	Pent	P-III	
clock rate(MHz)	1	6	20	150	750	750
cycle time(ns)	1,000	166	50	6	1.6	750

The CPU-Memory Gap

The increasing gap between DRAM, disk, and CPU speeds.