

















cia, Spring 2007 © I







Week #	Mon	Wed	Thu Lab	Fri
#14 This week	I/O Disks	Performance	l/O Polling	Writing really fast code (Aaror P4 due
#15 Next week	Re- configurable Computing (Michael)	Parallel Computing in Software (Matt)	Parallel? I/O Networking & 61C Feedback Survey	Parallel Computing in Hardwar
#16	LAST CLASS	Perf comp due Tues		
Last week o' classes	Summary, Review, & HKN Evals	Wed 2pm Review 10 Evans		
EINAL E	XAM Sat 2007.	.05-12 @ 12·30r		50 VI SB























Historical Perspective *Form factor* and *capacity* are more important in the marketplace than is performance

· Form factor evolution:

1970s: Mainframes \Rightarrow 14 inch diameter disks

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1980s: Minicomputers, Servers ⇒ 8", 5.25" diameter disks

Late 1980s/Early 1990s:

- PCs ⇒ 3.5 inch diameter disks
- Laptops, notebooks \Rightarrow 2.5 inch disks
- Palmtops didn't use disks, so 1.8 inch diameter disks didn't make it

• Early 2000s:

 $\mathbf{G} \mathbb{P}^{\text{MP3 players}} \Rightarrow 1 \text{ inch disks}$ CS61C L38 Disks (31)

