CS184a: Computer Architecture (Structure and Organization)

Day 7: January 24, 2003 Instruction Space



Caltech CS184 Winter2003 -- DeHon





































































	Calibrate Model	
FPGA	model $w = 1$, $d = c = 1$, $k = 4$ Xilinx 4K Altera 8K	880Κ λ ² 630Κλ ² 930Κλ ²
SIMD	model $w = 1000$, $c = 0$, $d = 64$, $k = 3$ Abacus	170Κλ ² 190Κλ ²
Processor	r model $w = 32$, $d = 32$, $c = 1024$, $k = 2$ MIPS-X 2003 DeHon	2.6M λ^2 2.1M λ^2 36



































