

2030

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2021

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		PaddlePaddle	MindSpore	4
		50%		3
	+			
CPU-GPU		100		
				CPU
	10			
		TF32/FP32/BF16/FP16/INT16/INT8/INT4		
	8	128		
		500GB/s	8	0.9
300W	32		400 TFLOPS	16
	800 TFLOPS	8		1600 TOPS

RRAM SRAM

C1

PaddlePaddle MindSpore 4

100

EDA

AI EDA 7nm
14nm 28nm 32nm 10% PPA
85% 5% PPA
30%
EDA

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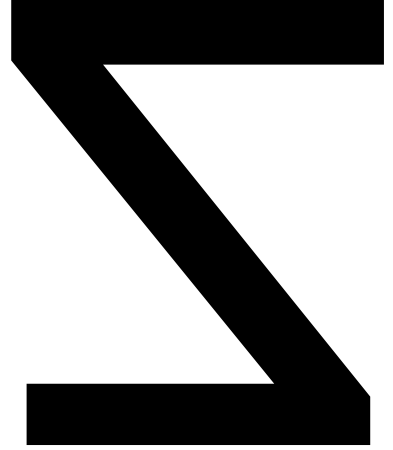
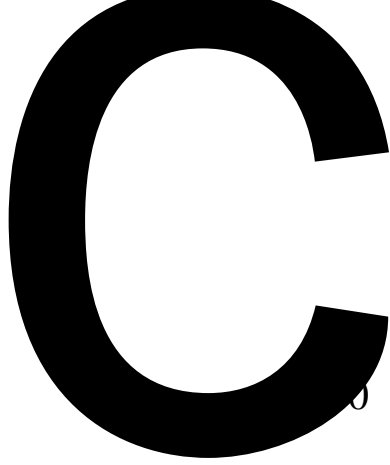
100

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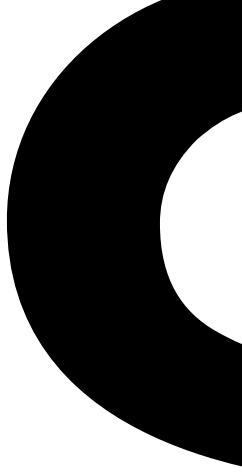
0.5

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10

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