

Benchmarks

Total		↑ 9.8	
2mm	↑ 2.4 ⁽⁷⁾	0.25 s	
3mm	↑ 1.2 ⁽¹⁹⁾	0.19 s	
adi	↑ 62.4 ⁽¹⁾	0.75 s	
adist	↑ 66.3 ⁽²⁾	1.09 s	
atax	↑ 1.1 ⁽⁷⁾	0.1 s	
azimhist	↑ 1.1 ⁽³⁰⁾	22.27 ms	
azimnaiv	↑ 27.4 ⁽⁶⁾	1.04 s	
bicg	↓ 1.0 ⁽⁴⁾	98.44 ms	
cavtflow	↑ 2.5 ⁽⁴⁾	3.09 s	
chanflow	↑ 2.3 ⁽⁵⁾	5.47 s	
cholesky	↑ 13.5	6.58 s	
cholesky2	↑ 2.8 ⁽²⁾	44.09 ms	
clipping	↑ 28.1 ⁽¹⁾	1.4 s	
coninteg	↑ 1.2 ⁽¹⁾	0.69 s	
conv2d	↑ 2.0 ⁽¹⁾	17.01 s	
correlat	↑ 4.4 ⁽²⁾	0.14 s	
covarian	↑ 2.7 ⁽¹⁾	0.1 s	
crc16	↑ 314	9.47 s	
deriche	↑ 41.7 ⁽¹⁾	2.54 s	
doitgen	↑ 62.6	0.39 s	
durbin	↓ 3.3 ⁽⁶⁾	0.6 s	
fddt_2d	↑ 186 ⁽⁴⁾	6.0 s	
floydwar	↑ 4.6 ⁽⁴⁾	86.37 s	
gemm	↑ 4.4 ⁽²⁾	59.13 ms	
gemver	↑ 23.3 ⁽⁶⁾	0.79 s	
gesummv	↑ 12.2 ⁽⁹⁾	0.79 s	
gramschm	↑ 7.8 ⁽¹⁾	0.16 s	
hdiff	↑ 40.2 ⁽⁴⁾	0.48 s	
heat3d	↑ 204 ⁽¹⁾	41.08 s	
jacobi1d	↑ 10.2	0.38 s	
jacobi2d	↑ 84.7 ⁽¹⁸⁾	152.86 s	
lenet	↓ 5.4 ⁽⁵⁾	2.88 s	
lu	↑ 3.9	12.3 s	
ludcmp	↑ 4.0	13.21 s	
mandel1	↑ 82.2 ⁽²⁾	1.16 s	
mandel2	↓ 1.2 ⁽²⁾	0.69 s	
mlp	↑ 1.2 ⁽¹⁰⁾	31.25 ms	
mvt	↓ 1.0 ⁽²⁾	64.22 ms	
nbody	↑ 2.5 ⁽³⁾	0.67 s	
npgofast	↑ 12.9 ⁽⁹⁾	0.48 s	
nussinov	↑ 1.3k	21.01 s	
resnet	↓ 4.9 ⁽⁵⁾	2.76 s	
seidel2d	↑ 32.9 ⁽⁵⁾	15.76 s	
softmax	↑ 1.2 ⁽³⁾	1.57 s	
spmv	↑ 832 ⁽⁷⁾	0.48 s	
sselfeng	↑ 75.1 ⁽⁸⁾	3.09 s	
sthamfft	↑ 2.1	0.35 s	
symm	↑ 125 ⁽⁶³⁾	9.14 s	
syr2k	↑ 246 ⁽⁵⁾	12.69 s	
syrk	↑ 240	5.28 s	
trisolv	↑ 2.0 ⁽¹⁷⁾	0.11 s	
trmm	↑ 64.3 ⁽²⁾	3.59 s	
vadv	↑ 4.5 ⁽²⁾	2.16 s	

dace_cpu

numpy