

Latency

CPU: Intel(R) Xeon(R) W-2123 CPU @ 3.60GHz
GPU: NVIDIA Corporation GP104GL [Quadro P4000]
FPGA: PYNQ-Z1 (xc7z020clg400-1)(US\$299.00)

Device\Dataset	DSADS	SKODA	WISDM	Daphnet	PAMAP2
input shape	1,1,125,45	1,1,84,30	1,1,100,3	1,1,64,9	1,1,168,18
CPU(Total) us	0.04251435	0.02617851	0.0282448363	0.018645403385	0.0509516119957
CPU(part)	0.006981435	0.005405595	0.0041165185	0.004192023277	0.0057317304611
GPU(Total)	0.052704294	0.036859866	0.044072094	0.027265568972	0.070808955431
GPU(part)	0.006180925	0.006180521	0.0062602866	0.006148953438	0.0064052522182
FPGA(part, estimate)	0.00096574	0.00040894	0.00004981	0.00008941	0.0005251

Latency

OPPO

1,1,30,77

0.01211357117

0.00510007143

0.01497258306

0.00610172868

		Power		
Device\Dataset	DSADS	SKODA	WISDM	
gpu(total)	28.122885000000025W	29.291937499999985W	28.25804249	
gpu(part)	28.739884999999987w	31.803612500000103w	28.254022499	
fpga	1.553w			

		Power
Daphnet	PAMAP2	OPPO
27.987757500000022W	29.314707499999958W	28.598597499999997W
27.982712500000027w	31.191902499999923w	28.650532500000043w
	1.712W	