

data size = 128*128*128, tb size = 16*16, num_stream = 8					data size = 128*128*128, tb size = 16*16, num_stream = 8				
Exp1	GPU_EX	GPU_MEM_EX	CPU_EX	ERR (%)	Exp2	GPU_EX	GPU_MEM_EX	CPU_EX	ERR
Naive	0.5413ms	3.6744ms	0.042843s	0	Naive	2.8013ms	23.326ms	0.350833s	0
Const_mem	1.11507ms	4.22029ms	0.042976s	0	Const_mem	2.8996ms	24.7918ms	0.350833s	0
Shared_mem	1.6152ms	4.62077ms	0.045958s	3	Shared_mem	7.5405ms	29.4864ms	0.361878s	1.5300e
Stream	0.8116ms	3.71856ms	0.043395s	0.5768e	Stream	3.3368ms	18.6524ms	0.348674s	0.2907e
Const_shared	1.5873ms	4.65872ms	0.044358s	3	Const_shared	7.5496ms	28.1365ms	0.349868s	1.5299e
Const_stream	0.8010ms	3.87654ms	0.044680s	0.5768e	Const_stream	3.3592ms	18.9193ms	0.346677s	0.2907e
Final	1.2908ms	4.32144ms	0.043081s	3.5625e	Final	7.2079ms	24.8151ms	0.358060s	1.8171e
data size = 512*512*512, tb size = 16*16, num_stream = 8					data size = 512*512*512, tb size = 32*32, num_stream = 8				
Exp3	GPU_EX	GPU_MEM_EX	CPU_EX	ERR (%)	Exp4	GPU_EX	GPU_MEM_EX	CPU_EX	ERR
Naive	18.5337ms	184.588ms	2.914062s	0	Naive	20.3499ms	189.654ms	2.865071s	0
Const_mem	24.7836ms	200.548ms	2.896951s	0	Const_mem	20.0414ms	191.919ms	2.841111s	0
Shared_mem	51.8527ms	222.195ms	2.866173s	0.7726e	Shared_mem	44.4076ms	212.452ms	2.885181s	0.7726e
Stream	19.1869ms	138.99ms	2.915487s	0.1459e	Stream	21.4480ms	138.774ms	2.877444s	0.1459e
Const_shared	55.2881ms	223.248ms	2.936010s	0.7726e	Const_shared	40.6915ms	210.349ms	2.882566s	0.7726e
Const_stream	19.2216ms	135.846ms	2.848926s	0.1459e	Const_stream	21.5456ms	140.383ms	2.935475s	0.1459e
Final	49.7322ms	170.58ms	2.822547s	0.9176e	Final	40.4369ms	156.451ms	2.875188s	0.9176e
data size = 256*256*256, tb size = 32*32, num_stream = 16					data size = 256*256*256, tb size = 32*32, num_stream = 4				
Exp5	GPU_EX	GPU_MEM_EX	CPU_EX	ERR (%)	Exp6	GPU_EX	GPU_MEM_EX	CPU_EX	ERR
Naive	3.1718ms	26.3514ms	0.373380s	0	Naive	2.7875ms	23.3967ms	0.357265s	0
Const_mem	3.0379ms	23.6934ms	0.359098s	0	Const_mem	3.1449ms	24.949ms	0.352736s	0
Shared_mem	6.5624ms	30.0386ms	0.352744s	1.5302e	Shared_mem	7.2382ms	27.852ms	0.356720s	1.5301e
Stream	3.5601ms	23.546ms	0.350241s	0.2907e	Stream	3.3795ms	21.5015ms	0.355279s	0.2907e
Const_shared	7.7064ms	28.7497ms	0.353768s	1.5301e	Const_shared	7.8897ms	29.7417ms	0.364016s	1.5301e
Const_stream	3.3997ms	19.8493ms	0.351625s	0.2907e	Const_stream	3.4190ms	21.8314ms	0.350109s	0.2907e
Final	6.3489ms	22.8817ms	0.357519s	1.8171e	Final	6.2900ms	22.658ms	0.357516s	1.8170e