

Resolution	Frames	Serial runtime(in seconds)	CUDA Parallel Runtime (in seconds)
320x 200	10	1.7493	0.000051
720x480	20	18.8701	0.000114
854 x 480	20	22.1398	0.00008
720 x 576	30	33.3331	0.000113
1280 x 720	30	74.1885	0.000058
1440 x 1080	40	164.4761	0.000068
1920 x 1080	40	221.8093	0.000136
1998 x 1080	50	287.9809	0.000118
2048 x 1080	50	295.3096	0.000072
4096 x 2160	60	1411.9476	0.000112