Homework #5

Parallel Tread	Prefetch Buffer Size	Mean	Standard Deviation
128	2	290.70	142.64
128	4	369.08	243.06
128	8	205.00	127.08
128	16	198.91	157.17
64	2	749.16	109.07
64	4	856.61	123.94
64	8	987.68	56.96
64	16	271.15	125.34
32	2	685.68	165.98
32	4	737.25	357.66
32	8	1070.36	17.89
32	16	473.02	215.75
16	8	1050.46	129.14

I tried above combinations of number of parallel threads and prefetch buffer sizes and found that 32 parallel threads and 8 prefetch buffer size gives the best mean images/s and standard deviation.