

time(ms)

	serial	2	4	8	16
200	94.938	123.816	120.822	141.414	175.145
1000	1847.108	1831.677	1753.21	1894.864	2210.069
5000	44975.259	42108.495	40437.091	40571.557	43485.53

speed up

	2	4	8	16
200	0.76676682	0.7857675	0.671348	0.54205373
1000	1.00842452	1.0535578	0.9747971	0.83576938
5000	1.06808042	1.1122279	1.1085416	1.03425804

efficiency

	2	4	8	16
200	0.38338341	0.1964419	0.0839185	0.03387836
1000	0.50421226	0.2633894	0.1218496	0.05223559
5000	0.53404021	0.278057	0.1385677	0.06464113