

1024x1024 int	Multiply time	Total time	Ускорение	Эффективность
1	15.470	16.000	1	1
2	9.375	10.747	1.65	0.825
4	4.683	6.051	3.30	0.825
8	2.347	3.691	6.59	0.824
16	1.189	2.574	13.01	0.813
32	0.609	2.070	25.40	0.794
64	0.318	1.977	48.65	0.760
128	0.179	2.134	86.42	0.675
256	0.105	3.757	147.33	0.576
512	0.063	2.630	245.56	0.480
1024	0.048	3.084	322.29	0.315

1024x1024 float	Multiply time	Total time	Ускорение	Эффективность
1	16.000	16.540	1	1
2	10.577	11.952	1.51	0.755
4	5.290	6.619	3.02	0.755
8	2.658	4.000	6.02	0.753
16	1.346	2.785	11.89	0.743
32	0.688	2.280	23.26	0.727
64	0.359	2.123	44.57	0.696
128	0.199	2.167	80.40	0.628
256	0.112	2.892	142.86	0.558
512	0.067	3.178	238.81	0.466
1024	0.050	2.391	320.00	0.313

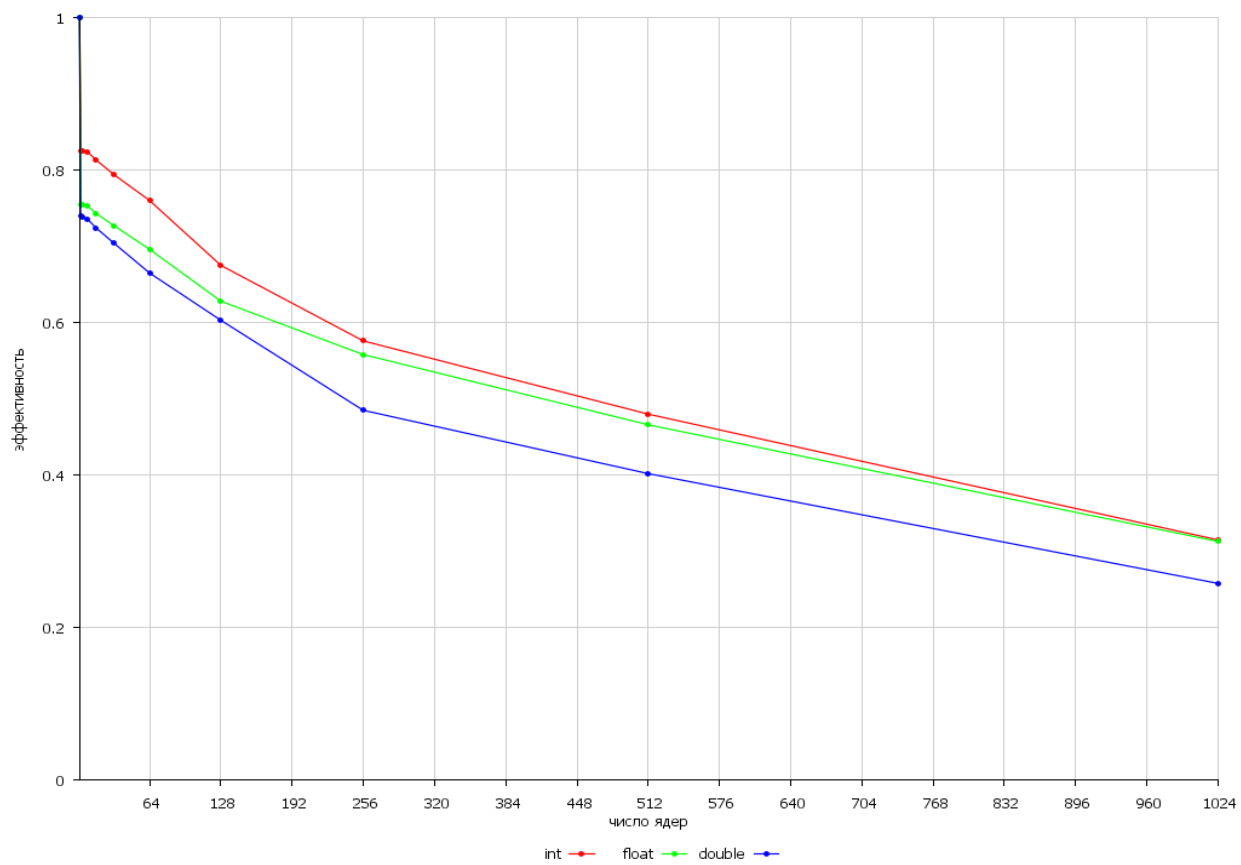
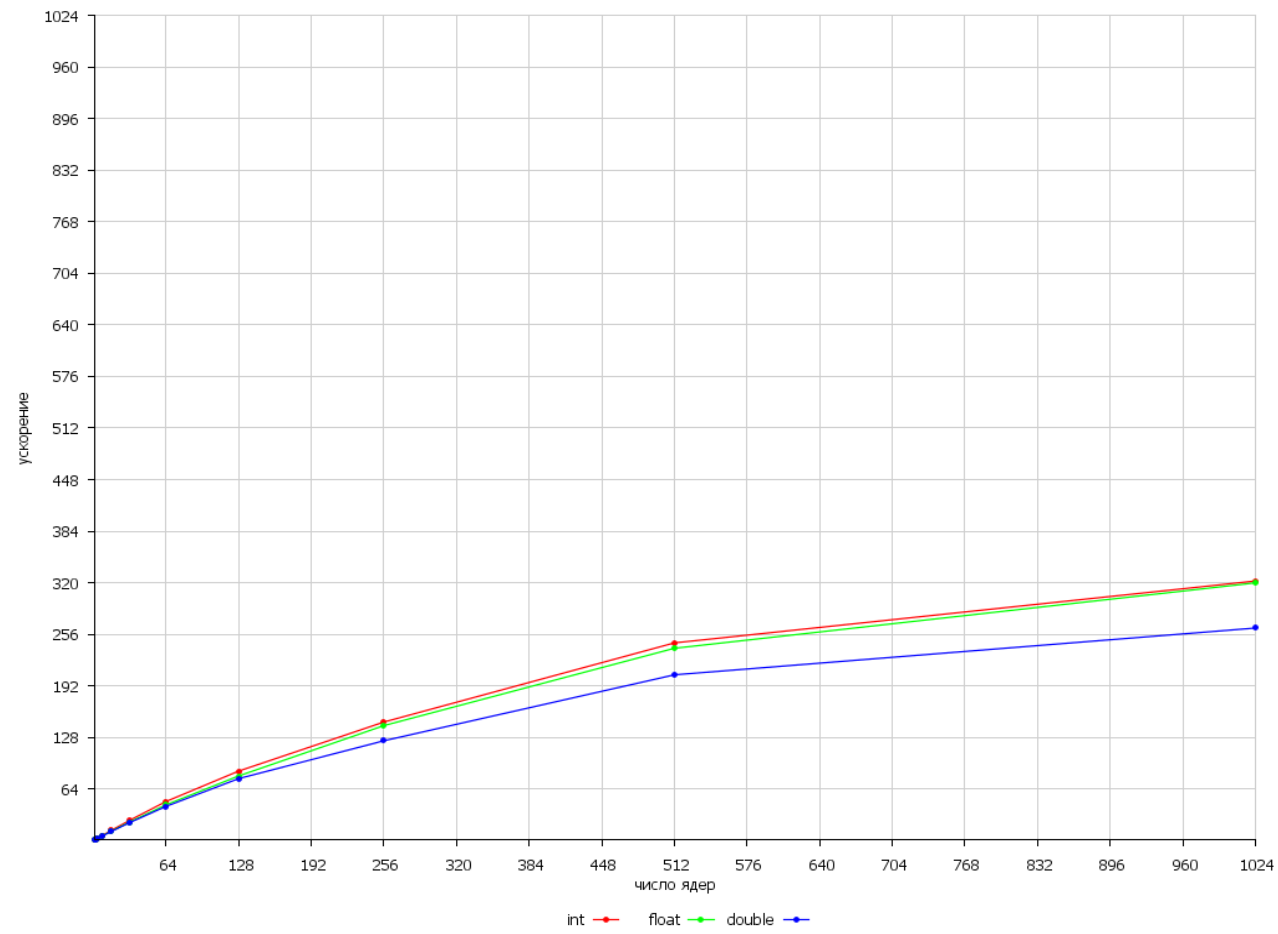
1024x1024 double	Multiply time	Total time	Ускорение	Эффективность
1	18.740	19.310	1	1
2	12.643	14.218	1.48	0.740
4	6.345	8.184	2.95	0.738
8	3.180	4.636	5.89	0.736
16	1.617	3.112	11.59	0.724
32	0.832	2.429	22.52	0.704
64	0.440	2.911	42.59	0.665
128	0.243	2.290	77.12	0.603
256	0.151	3.070	124.11	0.485
512	0.091	3.160	205.93	0.402
1024	0.071	2.594	263.94	0.258

2048x2048 int	Multiply time	Total time	Ускорение	Эффективность
1	136.020	138.220	1	1
2	76.161	81.316	1.79	0.895
4	38.090	43.221	3.57	0.893
8	19.063	24.258	7.14	0.893
16	9.573	15.070	14.21	0.888
32	4.824	10.534	28.20	0.881
64	2.455	8.367	55.41	0.866
128	1.273	7.399	106.85	0.835
256	0.687	7.126	197.99	0.773
512	0.386	7.380	352.38	0.688
1024	0.233	6.979	583.78	0.570

2048x2048 float	Multiply time	Total time	Ускорение	Эффективность
1	137.620	139.790	1	1
2	87.311	92.699	1.58	0.790
4	43.709	48.885	3.15	0.788
8	21.885	27.088	6.29	0.786
16	10.992	16.191	12.52	0.783
32	5.537	10.973	24.85	0.777
64	2.807	8.893	49.03	0.766
128	1.461	8.076	94.20	0.736
256	0.778	6.631	176.89	0.691
512	0.428	6.949	321.54	0.628
1024	0.256	7.026	537.58	0.525

2048x2048 double	Multiply time	Total time	Ускорение	Эффективность
1	191.200	193.600	1	1
2	107.809	113.405	1.77	0.885
4	53.949	59.539	3.54	0.885
8	27.039	32.614	7.07	0.884
16	13.597	19.200	14.06	0.879
32	6.878	12.943	27.80	0.869
64	3.515	11.528	54.40	0.850
128	1.850	8.155	103.35	0.807
256	1.010	7.503	189.31	0.739
512	0.569	7.502	336.03	0.656
1024	0.359	7.455	532.59	0.520

1024x1024



2048x2048

