impl=	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T	ERMS	NT	T
nthreads=		1			2			4			8			16			24			32			40			48			56	
Operation=5/																														
Align=0																														
Size=4096	0.494	2.119	0.388	0.478	2.132	0.39	0.378	2.322	0.3	0.226	2.597	0.176	0.15	2.734	0.116	0.154	2.722	0.124	0.166	2.705	0.129	0.161	2.715	0.124	0.14	2.751	0.109	0.119	2.782	0.099
Size=8192	0.447	2.157	0.396	0.435	2.176	0.389	0.34	2.357	0.303	0.206	2.61	0.184	0.126	2.759	0.115	0.146	2.723	0.131	0.154	2.708	0.14	0.145	2.73	0.125	0.109	2.784	0.107	0.11	2.79	0.1
Size=16384	0.429	2.173	0.398	0.422	2.168	0.41	0.324	2.377	0.299	0.195	2.621	0.184	0.141	2.759	0.1	0.234	2.558	0.208	0.281	2.437	0.282	0.224	2.563	0.213	0.244	2.538	0.217	0.217	2.561	0.223
Size=32768	0.851	1.402	0.747	0.815	1.428	0.757	0.699	1.649	0.652	0.462	2.11	0.428	0.316	2.388	0.295	0.343	2.357	0.3	0.334	2.317	0.349	0.32	2.362	0.298	0.311	2.389	0.3	0.262	2.485	0.253
Size=65536	0.896	1.347	0.756	0.837	1.387	0.776	0.72	1.618	0.661	0.514	2.043	0.443	0.343	2.345	0.311	0.345	2.32	0.335	0.369	2.264	0.367	0.345	2.301	0.354	0.328	2.358	0.314	0.264	2.472	0.264
Size=131072	0.935	1.308	0.757	0.891	1.336	0.773	0.775	1.585	0.64	0.514	2.042	0.445	0.357	2.325	0.319	0.365	2.283	0.352	0.365	2.222	0.413	0.329	2.299	0.372	0.329	2.313	0.358	0.28	2.394	0.326
Size=262144	0.903	1.235	0.862	0.852	1.21	0.939	0.738	1.494	0.768	0.522	1.899	0.578	0.37	2.217	0.412	0.355	2.19	0.455	0.36	2.081	0.559	0.339	2.179	0.482	0.326	2.216	0.458	0.279	2.261	0.46
Size=524288	0.843	1.061	1.096	0.782	1.097	1.121	0.702	1.381	0.918	0.49	1.806	0.705	0.351	2.155	0.494	0.369	2.126	0.505	0.388	2.059	0.552	0.365	2.108	0.527	0.354	2.152	0.494	0.305	2.247	0.449
Size=1048576	0.729	0.996	1.275	0.786	1.042	1.172	0.832	1.231	0.937	0.516	1.785	0.699	0.45	1.934	0.616	0.426	1.921	0.652	0.501	1.857	0.641	0.527	1.836	0.637	0.462	1.844	0.694	0.434	1.951	0.615
Size=2097152	0.745	1.076	1.179	0.733	1.061	1.206	0.907	1.088	1.005	0.623	1.682	0.695	0.509	1.747	0.744	0.494	1.697	0.809	0.755	1.222	1.023	0.783	1.409	0.808	0.557	1.424	1.019	0.788	0.809	1.403
Size=4194304	0.996	0.901	1.103	0.964	0.915	1.121	0.897	1.089	1.014	0.686	1.362	0.952	0.941	0.916	1.143	0.756	1	1.243	0.776	1.06	1.164	0.809	0.888	1.304	0.909	0.714	1.378	0.804	0.76	1.436
Size=8388608	1.023	0.886	1.091	0.913	0.908	1.179	0.909	0.987	1.103	1.089	0.952	0.959	0.894	0.864	1.241	0.873	1	1.127	0.859	0.952	1.189	0.828	0.814	1.358	0.827	0.768	1.406	0.852	0.704	1.444
Size=16777216	1.056	0.904	1.04	1.027	0.77	1.203	1.163	0.729	1.108	0.942	0.875	1.183	0.839	0.874	1.287	0.928	0.81	1.261	0.909	0.746	1.346	0.82	0.777	1.402	0.83	0.751	1.419	0.85	0.725	1.425
Size=33554432	1.132	0.69	1.178	1.494	0.472	1.034	1.254	0.646	1.1	1.017	0.67	1.313	0.898	0.833	1.27	0.921	0.815	1.265	0.919	0.824	1.257	0.891	0.736	1.429	0.835	0.736	1.429	0.851	0.724	1.425
Size=67108864	1.477	0.459	1.064	1.477	0.465	1.058	1.277	0.585	1.137	1.001	0.733	1.266	0.895	0.776	1.329	0.922	0.861	1.218	0.965	0.774	1.261	0.848	0.805	1.346	0.841	0.775	1.385	0.858	0.72	1.422
Size=134217728	1.496	0.451	1.052	1.374	0.49	1.136	1.266	0.589	1.145	1.035	0.676	1.289	0.925	0.77	1.305	0.904	0.779	1.317	0.894	0.793	1.313	0.847	0.824	1.329	0.859	0.763	1.378	0.86	0.725	1.415
Size=268435456	1.494	0.455	1.051	1.512	0.471	1.017	1.304	0.563	1.133	1.055	0.737	1.208	0.917	0.84	1.243	0.884	0.776	1.34	0.908	0.771	1.321	0.846	0.803	1.35	0.836	0.738	1.426	0.861	0.721	1.418
Align=1																														
Size=4096	0.555	1.98	0.465	0.553	1.983	0.464	0.428	2.193	0.379	0.325	2.402	0.273	0.166	2.69	0.142	0.156	2.704	0.14	0.175	2.7	0.115	0.168	2.688	0.144	0.15	2.7	0.131	0.128	2.757	0.115
Size=8192	0.521	2.004	0.475	0.534	1.98	0.487	0.415	2.208	0.377	0.261	2.501	0.238	0.152	2.7	0.148	0.169	2.68	0.151	0.17	2.67	0.16	0.117	2.771	0.112	0.142	2.73	0.128	0.122	2.764	0.114
Size=16384	0.531	1.998	0.471	0.503	2.021	0.476	0.376	2.254	0.37	0.237	2.497	0.267	0.152	2.686	0.162	0.25	2.515	0.235	0.296	2.53	0.173	0.257	2.503	0.24	0.228	2.552	0.219	0.232	2.548	0.222
Size=32768	0.862	1.354	0.784	0.841	1.382	0.777	0.741	1.621	0.638	0.497	2.062	0.44	0.336	2.366	0.298	0.345	2.335	0.319	0.361	2.3	0.338	0.337	2.343	0.32	0.321	2.369	0.31	0.273	2.458	0.269
Size=65536	0.905	1.332	0.762	0.879	1.349	0.772	0.75	1.597	0.653	0.515	2.044	0.441	0.36	2.325	0.315	0.374	2.264	0.361	0.358	2.28	0.362	0.349	2.382	0.32	0.32	2.368	0.313	0.276	2.447	0.278
Size=131072	0.949	1.291	0.76	0.91	1.338	0.752	0.776	1.555	0.669	0.541	2.014	0.445	0.373	2.307	0.32	0.367	2.249	0.384	0.378	2.201	0.421	0.337	2.285	0.378	0.326	2.32	0.354	0.279	2.396	0.325
Size=262144	0.889	1.151	0.959	0.859	1.248	0.893	0.75	1.442	0.808	0.524	1.932	0.545	0.391	2.198	0.411	0.362	2.153	0.485	0.289	2.16	0.551	0.343	2.161	0.496	0.33	2.209	0.461	0.28	2.268	0.452
Size=524288	0.827	1.078	1.095	0.825	1.068	1.107	0.701	1.365	0.934	0.506	1.828	0.666	0.363	2.134	0.503	0.373	2.117	0.51	0.298	2.114	0.588	0.365	2.12	0.515	0.358	2.148	0.494	0.302	2.24	0.458
Size=1048576	0.794	1.168	1.038	0.765	1.093	1.142	0.706	1.288	1.007	0.595	1.674	0.731	0.461	1.979	0.56	0.498	1.906	0.596	0.588	1.671	0.741	0.496	1.864	0.64	0.478	1.838	0.634	0.559	1.795	0.646
Size=2097152	1.099	0.84	1.062	0.739	1.007	1.253	0.624	1.181	1.195	0.714	1.655	0.631	0.442	1.986	0.572	0.694	1.513	0.792	0.88	1.248	0.872	0.785	1.356	0.859	0.738	1.424	0.838	0.832	0.743	1.426
Size=4194304	1.03	0.93	1.04	0.924	0.912	1.164	0.867	1.072	1.061	0.765	1.419	0.816	1.087	0.76	1.152	0.961	0.933	1.106	1.013	0.931	1.056	0.844	0.87	1.286	0.969	0.697	1.335	1.124	0.706	1.171
Size=8388608	1.014	0.922	1.064	0.985	0.904	1.112	0.99	1.058	0.953	0.954	0.816	1.23	0.943	0.881	1.177	0.933	0.99	1.077	0.949	0.88	1.171	0.937	0.763	1.301	1.023	0.702	1.275	0.996	0.738	1.266
Size=16777216	1.018	0.896	1.085	0.962	0.784	1.254	1.034	0.759	1.208	0.921	0.859	1.22	0.958	0.818	1.224	1.032	0.702	1.266	1.044	0.752	1.204	1.002	0.72	1.277	0.977	0.659	1.364	1.074	0.647	1.279
Size=33554432	1.112	0.689	1.199	1.445	0.466	1.09	1.23	0.654	1.116	1.049	0.729	1.222	1.037	0.769	1.195	1.077	0.724	1.199	1.071	0.74	1.188	1.013	0.754	1.233	1.006	0.698	1.296	1.078	0.648	1.274
Size=67108864	1.48	0.458	1.062	1.464	0.464	1.072	1.332	0.606	1.063	1.049	0.719	1.233	1.022	0.797	1.18	1.101	0.792	1.107	0.999	0.779	1.222	0.964	0.778	1.258	1.018	0.688	1.295	1.076	0.65	1.274
Size=134217728	1.473	0.462	1.066	1.466	0.47	1.064	1.288	0.585	1.127	1.067	0.673	1.26	1.164	0.64	1.196	1.096	0.764	1.139	1.069	0.782	1.15	0.958	0.756	1.285	1.033	0.685	1.282	1.064	0.656	1.28
Size=268435456	1.484	0.45	1.066	1.516	0.472	1.012	1.333	0.505	1.162	1.114	0.677	1.21	1.033	0.702	1.265	1.005	0.76	1.235	0.96	0.805	1.235	0.979	0.755	1.266	1.019	0.678	1.303	1.067	0.645	1.288
Align=32																														
Size=4096	0.491	2.121	0.389	0.489	2.123	0.388	0.373	2.35	0.297	0.221	2.606	0.172	0.143	2.741	0.114	0.176	2.681	0.143	0.151	2.715	0.134	0.136	2.734	0.131	0.134	2.756	0.109	0.122	2.776	0.101
Size=8192	0.453	2.15	0.397	0.457	2.148	0.395	0.35	2.338	0.312	0.209	2.606	0.184	0.138	2.735	0.124	0.146	2.72	0.134	0.157	2.7	0.143	0.142	2.736	0.122	0.131	2.755	0.114	0.114	2.783	0.103
Size=16384	0.428	2.174	0.398	0.422	2.168	0.41	0.332	2.356	0.312	0.192	2.627	0.181	0.126	2.747	0.127	0.177	2.65	0.174	0.277	2.445	0.278	0.251	2.525	0.224	0.255	2.532	0.213	0.214	2.554	0.232
Size=32768	0.852	1.4	0.749	0.81	1.426	0.764	0.712	1.657	0.631	0.475	2.091	0.434	0.315	2.389	0.296	0.38	2.251	0.369	0.346	2.308	0.346	0.343	2.369	0.289	0.305	2.405	0.29	0.268	2.477	0.255
Size=65536	0.892	1.346	0.762	0.843	1.38	0.777	0.735	1.604	0.661	0.489	2.07	0.441	0.348	2.349	0.303	0.352	2.301	0.347	0.339	2.297	0.364	0.348	2.318	0.336	0.321	2.365	0.324	0.278	2.445	0.276
Size=131072	0.899	1.332	0.77	0.887	1.342	0.772	0.763	1.591	0.646	0.518	2.022	0.46	0.415	2.237	0.348	0.322	2.29	0.388	0.368	2.221	0.412	0.344	2.286	0.37	0.324	2.325	0.351	0.279	2.394	0.326
Size=262144	0.871	1.196	0.933	0.853	1.2	0.948	0.949	1.342	0.709	0.518	1.911	0.572	0.369	2.211	0.42	0.365	2.195	0.44	0.353	2.1	0.547	0.339	2.175	0.486	0.327	2.208	0.465	0.28	2.268	0.452
Size=524288	0.839	1.065	1.096	0.773	1.122	1.105	0.68	1.387	0.933	0.494	1.841	0.665	0.365	2.123	0.512	0.368	2.108	0.525	0.39	2.028	0.582	0.365	2.125	0.51	0.351	2.171	0.478	0.3	2.242	0.458
Size=1048576	1.109	0.944	0.947	0.891	1.008	1.101	0.796	1.201	1.003	0.619	1.71	0.671	0.481	1.968	0.551	0.473	1.968	0.56	0.541	1.677	0.783	0.451	1.919	0.631	0.527	1.9	0.573	0.482	1.842	0.676
Size=2097152	0.907	1.002	1.092	0.929	1.072	1	0.708	1.184	1.108	0.474	1.695	0.83	0.407	1.842	0.752	0.608	1.484	0.909	0.764	1.242	0.994	0.687	1.458	0.856	0.639	1.431	0.931	0.839	0.769	1.392
Size=4194304	0.977	0.935	1.088	0.976	0.945	1.078	1.007	1.051	0.942	0.684	1.484	0.833	1.023	0.96	1.017	0.931	0.948	1.121	0.893	0.915	1.192	0.972	0.838	1.19	0.871	0.777	1.352	1.019	0.72	1.261
Size=8388608	1.04	0.906	1.054	0.958	0.967	1.075	1.025	1.016	0.959	0.839	0.948	1.213	0.944	0.855	1.2	1.009	0.86	1.131	0.947	0.905	1.148	0.982	0.748	1.271	0.996	0.69	1.315	1.048	0.664	1.288
Size=16777216	1.077	0.887	1.036	0.936	0.774	1.29	1.153	0.721	1.126	0.981	0.831	1.188	1.018	0.797	1.185	0.974	0.811	1.215	1.084	0.712	1.204	1.033	0.684	1.283	1.012	0.733	1.255	1.068	0.65	1.282
Size=33554432	1.12	0.697	1.183	1.315	0.534	1.151	1.233	0.625	1.142	1.076	0.736	1.188	1.008	0.766	1.225	1.019	0.749	1.232	0.952	0.815	1.232	1.018	0.747	1.234	1.015	0.68	1.305	1.074	0.648	1.278
Size=67108864	1.471	0.469	1.06	1.443	0.471	1.086	1.286	0.585	1.129	1.069	0.68	1.251	1.015	0.791	1.194	1.048	0.798	1.155	1.027	0.79	1.182	1.014	0.754	1.232	1.01	0.696	1.294	1.08	0.647	1.274
Size=134217728	1.477	0.462	1.061	1.452	0.472	1.076	1.273	0.585	1.142	1.067	0.67	1.263	1.07	0.629	1.301	0.916	0.772	1.312	1.067	0.765	1.167	0.971	0.772	1.257	1.016	0.709	1.275	1.073	0.648	1.279
Size=268435456	1.471	0.458	1.071	1.469	0.464	1.068	1.312	0.566	1.121	1.106	0.641	1.252	0.991	0.817	1.191	0.977	0.754	1.268	1.016	0.811	1.173	1.021	0.723	1.257	1.016	0.703	1.281	1.092	0.64	1.267

Align=2047

Size																														
4096	0.538	1.99	0.473	0.536	1.992	0.472	0.409	2.208	0.384	0.251	2.523	0.226	0.162	2.694	0.144	0.146	2.700	0.148	0.179	2.660	0.156	0.159	2.688	0.143	0.152	2.714	0.134	0.136	2.748	0.116
8192	0.515	1.999	0.487	0.506	1.994	0.5	0.404	2.222	0.374	0.245	2.526	0.229	0.153	2.696	0.151	0.163	2.678	0.16	0.148	2.684	0.169	0.147	2.705	0.148	0.139	2.731	0.13	0.125	2.758	0.117
16384	0.523	1.998	0.479	0.496	2.02	0.485	0.396	2.232	0.372	0.246	2.517	0.238	0.176	2.664	0.16	0.252	2.511	0.236	0.243	2.477	0.28	0.255	2.51	0.235	0.233	2.519	0.248	0.218	2.57	0.212
32768	0.772	1.443	0.785	0.745	1.48	0.776	0.645	1.699	0.656	0.419	2.141	0.439	0.267	2.429	0.305	0.337	2.304	0.359	0.368	2.276	0.356	0.324	2.355	0.321	0.298	2.419	0.283	0.278	2.451	0.27
65536	0.851	1.383	0.767	0.84	1.379	0.781	0.711	1.636	0.653	0.495	2.064	0.441	0.346	2.338	0.315	0.333	2.334	0.333	0.367	2.268	0.365	0.352	2.333	0.315	0.322	2.364	0.314	0.278	2.443	0.28
131072	0.899	1.295	0.805	0.881	1.341	0.777	0.759	1.59	0.651	0.511	2.049	0.44	0.365	2.308	0.327	0.378	2.223	0.399	0.301	2.272	0.428	0.341	2.278	0.382	0.32	2.327	0.353	0.281	2.388	0.331
262144	0.875	1.167	0.958	0.837	1.257	0.907	0.743	1.473	0.783	0.513	1.959	0.528	0.364	2.246	0.39	0.355	2.213	0.432	0.36	2.105	0.535	0.341	2.166	0.493	0.327	2.203	0.469	0.28	2.269	0.451
524288	0.824	1.087	1.088	0.779	1.126	1.095	0.699	1.38	0.921	0.526	1.775	0.699	0.348	2.149	0.503	0.356	2.128	0.517	0.406	2.011	0.582	0.371	2.106	0.523	0.34	2.172	0.488	0.306	2.236	0.458
1048576	0.826	1.07	1.105	0.783	1.008	1.209	0.795	1.209	0.996	0.61	1.714	0.676	0.43	2.028	0.541	0.462	1.949	0.589	0.515	1.783	0.702	0.461	1.864	0.675	0.494	1.88	0.626	0.454	1.871	0.674
2097152	1.055	0.87	1.076	1.001	0.965	1.033	0.837	1.174	0.99	0.734	1.624	0.641	0.535	1.95	0.515	0.653	1.569	0.777	0.757	1.25	0.993	0.667	1.536	0.797	0.595	1.472	0.932	0.769	0.784	1.447
4194304	0.981	0.931	1.088	0.968	0.928	1.104	0.863	1.071	1.066	0.831	1.399	0.77	0.872	0.912	1.216	0.72	0.92	1.361	0.856	1.101	1.043	0.857	1.04	1.102	0.745	0.811	1.444	0.798	0.84	1.362
8388608	1.041	0.884	1.075	0.967	0.908	1.125	0.992	0.952	1.057	0.974	0.881	1.145	0.824	0.918	1.257	0.826	0.917	1.257	0.855	0.882	1.263	0.775	0.788	1.437	0.811	0.753	1.436	0.83	0.725	1.444
16777216	1.031	0.89	1.079	0.942	0.763	1.296	1.165	0.718	1.117	0.949	0.793	1.257	0.836	0.94	1.224	0.824	0.807	1.369	0.826	0.798	1.376	0.803	0.813	1.384	0.811	0.772	1.416	0.832	0.731	1.436
33554432	1.1	0.676	1.224	1.455	0.464	1.081	1.161	0.635	1.204	0.962	0.729	1.309	0.891	0.825	1.284	0.825	0.844	1.331	0.793	0.85	1.357	0.827	0.809	1.364	0.782	0.785	1.433	0.835	0.729	1.436
67108864	1.478	0.44	1.082	1.466	0.452	1.082	1.272	0.581	1.146	0.991	0.746	1.263	0.867	0.876	1.257	0.788	0.898	1.314	0.872	0.709	1.42	0.817	0.814	1.369	0.793	0.78	1.426	0.839	0.726	1.434
134217728	1.471	0.452	1.077	1.474	0.451	1.075	1.287	0.593	1.12	1.026	0.739	1.235	0.866	0.85	1.284	0.918	0.649	1.432	0.847	0.85	1.303	0.785	0.87	1.345	0.801	0.776	1.423	0.838	0.726	1.436
268435456	1.479	0.441	1.08	1.47	0.446	1.083	1.308	0.565	1.127	1.155	0.637	1.208	0.894	0.789	1.317	0.809	0.837	1.354	0.831	0.845	1.325	0.791	0.835	1.373	0.818	0.734	1.448	0.844	0.721	1.436

Align=2048

Size																														
4096	0.49	2.121	0.389	0.5	2.104	0.396	0.374	2.319	0.307	0.227	2.593	0.18	0.131	2.753	0.116	0.155	2.719	0.126	0.15	2.74	0.11	0.154	2.715	0.131	0.143	2.733	0.124	0.119	2.785	0.096
8192	0.47	2.136	0.395	0.433	2.169	0.399	0.342	2.352	0.306	0.214	2.585	0.191	0.137	2.739	0.123	0.147	2.717	0.136	0.156	2.718	0.126	0.134	2.741	0.125	0.122	2.766	0.11	0.115	2.784	0.101
16384	0.428	2.174	0.398	0.424	2.178	0.398	0.327	2.364	0.308	0.193	2.625	0.182	0.137	2.742	0.121	0.238	2.545	0.217	0.273	2.464	0.264	0.233	2.547	0.221	0.23	2.541	0.229	0.217	2.597	0.186
32768	0.778	1.465	0.757	0.764	1.478	0.757	0.65	1.737	0.613	0.432	2.152	0.416	0.292	2.42	0.289	0.304	2.354	0.341	0.286	2.361	0.353	0.335	2.345	0.32	0.319	2.378	0.303	0.258	2.492	0.251
65536	0.893	1.371	0.736	0.855	1.404	0.741	0.716	1.669	0.615	0.481	2.098	0.42	0.341	2.354	0.305	0.337	2.354	0.309	0.286	2.341	0.373	0.332	2.327	0.341	0.321	2.369	0.309	0.28	2.439	0.282
131072	0.903	1.345	0.752	0.89	1.342	0.768	0.743	1.623	0.634	0.529	2.024	0.446	0.379	2.289	0.332	0.361	2.281	0.357	0.365	2.219	0.415	0.342	2.303	0.355	0.324	2.334	0.342	0.282	2.392	0.326
262144	0.858	1.189	0.954	0.826	1.223	0.951	0.761	1.509	0.73	0.52	1.926	0.554	0.362	2.236	0.402	0.358	2.17	0.472	0.355	2.111	0.534	0.326	2.179	0.495	0.327	2.211	0.462	0.278	2.273	0.449
524288	0.841	1.065	1.094	0.768	1.124	1.108	0.712	1.374	0.915	0.496	1.824	0.68	0.374	2.106	0.52	0.362	2.129	0.509	0.401	2.036	0.562	0.371	2.091	0.537	0.336	2.179	0.485	0.307	2.231	0.462
1048576	0.741	1.004	1.255	0.778	1.053	1.169	0.712	1.359	0.929	0.619	1.659	0.722	0.394	2.063	0.543	0.419	2.018	0.564	0.493	1.754	0.753	0.496	1.914	0.59	0.443	1.96	0.598	0.434	1.879	0.687
2097152	0.818	1.131	1.051	0.867	0.935	1.198	0.638	1.193	1.169	0.558	1.748	0.694	0.465	1.729	0.806	0.602	1.457	0.941	0.716	1.251	1.033	0.695	1.507	0.798	0.742	1.477	0.781	0.812	0.819	1.369
4194304	0.958	0.92	1.122	0.895	0.975	1.13	0.865	1.065	1.07	0.726	1.334	0.941	0.839	0.918	1.243	0.777	1.082	1.142	0.905	0.969	1.125	0.822	0.886	1.293	0.792	0.805	1.403	0.879	0.711	1.41
8388608	1.018	0.869	1.113	0.945	0.917	1.138	0.98	0.952	1.068	0.951	0.816	1.233	0.871	0.877	1.253	0.754	0.986	1.259	0.871	0.918	1.21	0.864	0.806	1.33	0.903	0.73	1.366	0.982	0.686	1.332
16777216	1.031	0.889	1.079	0.986	0.798	1.216	1.159	0.724	1.117	0.897	0.876	1.227	0.741	0.891	1.368	0.721	0.883	1.396	0.97	0.764	1.267	0.868	0.743	1.389	0.852	0.75	1.398	0.869	0.72	1.411
33554432	1.109	0.68	1.21	1.277	0.544	1.178	1.202	0.646	1.152	0.984	0.74	1.276	0.915	0.789	1.296	0.982	0.828	1.19	0.843	0.832	1.325	0.879	0.816	1.306	0.85	0.758	1.392	0.879	0.717	1.405
67108864	1.465	0.45	1.085	1.47	0.462	1.068	1.276	0.582	1.141	1.029	0.681	1.29	0.925	0.813	1.262	0.98	0.774	1.246	0.994	0.728	1.278	0.889	0.809	1.302	0.858	0.757	1.385	0.881	0.722	1.397
134217728	1.478	0.447	1.075	1.441	0.457	1.102	1.271	0.584	1.146	1.024	0.74	1.236	0.946	0.668	1.385	0.806	0.811	1.383	0.801	0.833	1.366	0.866	0.774	1.361	0.857	0.741	1.402	0.886	0.712	1.403
268435456	1.467	0.448	1.086	1.462	0.449	1.089	1.298	0.562	1.14	1.096	0.754	1.15	0.918	0.834	1.248	0.867	0.816	1.317	0.859	0.705	1.436	0.872	0.812	1.316	0.859	0.751	1.39	0.877	0.71	1.413

Align=2049

Size																														
4096	0.535	1.999	0.466	0.522	2.023	0.456	0.417	2.219	0.364	0.252	2.527	0.221	0.164	2.694	0.143	0.178	2.661	0.161	0.176	2.672	0.152	0.162	2.689	0.149	0.149	2.710	0.135	0.133	2.752	0.115
8192	0.511	2.007	0.482	0.51	2.009	0.48	0.398	2.226	0.376	0.243	2.527	0.23	0.16	2.687	0.153	0.152	2.71	0.137	0.174	2.682	0.164	0.16	2.699	0.141	0.139	2.729	0.132	0.124	2.76	0.116
16384	0.527	2.003	0.47	0.501	2.023	0.476	0.399	2.233	0.368	0.234	2.54	0.226	0.16	2.672	0.168	0.207	2.549	0.245	0.247	2.497	0.257	0.249	2.515	0.236	0.221	2.571	0.208			
32768	0.783	1.431	0.786	0.801	1.457	0.742	0.654	1.697	0.649	0.443	2.107	0.45	0.285	2.407	0.308	0.35	2.299	0.351	0.361	2.283	0.355	0.312	2.364	0.325	0.318	2.378	0.304	0.275	2.457	0.268
65536	0.902	1.355	0.743	0.85	1.376	0.775	0.748	1.63	0.622	0.505	2.068	0.427	0.367	2.327	0.306	0.342	2.325	0.333	0.38	2.241	0.379	0.332	2.334	0.334	0.322	2.382	0.316	0.279	2.442	0.279
131072	0.93	1.317	0.753	0.907	1.328	0.765	0.777	1.591	0.632	0.52	2.039	0.441	0.37	2.34	0.281	0.364	2.278	0.358	0.371	2.197	0.432	0.346	2.28	0.374	0.324	2.332	0.344	0.281	2.39	0.33
262144	0.914	1.195	0.891	0.846	1.209	0.945	0.749	1.461	0.79	0.528	1.921	0.551	0.377	2.227	0.396	0.386	2.096	0.518	0.293	2.145	0.562	0.346	2.173	0.481	0.324	2.214	0.462	0.281	2.269	0.45
524288	0.838	1.087	1.076	0.812	1.098	1.09	0.696	1.356	0.948	0.502	1.833	0.665	0.365	2.133	0.502	0.377	2.085	0.538	0.383	2.031	0.585	0.378	2.106	0.516	0.347	2.166	0.487	0.308	2.238	0.454
1048576	0.828	1.074	1.098	0.766	1.095	1.139	0.776	1.224	1.001	0.575	1.728	0.697	0.414	2.01	0.576	0.397	1.986	0.617	0.517	1.777	0.706	0.493	1.905	0.602	0.443	1.906	0.651	0.52	1.828	0.653
2097152	1.132	0.84	1.027	1.063	1.025	0.912	0.997	1.118	0.885	0.773	1.57	0.656	0.358	1.824	0.818	0.635	1.56	0.805	0.88	1.248	0.873	0.775	1.444	0.78	0.637	1.498	0.864	0.892	0.754	1.354
4194304	1.034	0.877	1.089	0.996	0.926	1.078	0.913	1.048	1.039	0.771	1.332	0.896	1.002	0.863	1.135	0.85	0.958	1.192	0.98	0.946	1.074	0.975	0.839	1.186	0.955	0.696	1.348	1.078	0.627	1.295
8388608	1.076	0.866	1.058	0.906	0.932	1.162	0.95	0.995	1.055	0.969	0.867	1.164	0.983	0.86	1.157	0.926	0.986	1.088	0.997	0.859	1.144	0.922	0.727	1.352	1.03	0.677	1.294	1.009	0.802	1.189
16777216	1.027	0.885	1.088	0.939	0.769	1.293	1.157	0.721	1.122	0.936	0.89	1.174	1.051	0.699	1.25	1.011	0.764	1.225	1.044	0.723	1.233	0.996	0.731	1.273	1.008	0.698	1.294	1.091	0.638	1.271
33554432	1.113	0.662	1.225	1.433	0.461	1.106	1.171	0.64	1.189	1.034	0.751	1.215	1.091	0.779	1.13	1.062	0.748	1.19	1.012	0.724	1.263	0.98	0.738	1.282	1.017	0.698	1.285	1.087	0.645	1.268
67108864	1.458	0.443	1.099	1.432	0.453	1.115	1.322	0.604	1.073	1.123	0.777	1.1	0.987	0.759	1.254	1.014	0.789	1.197	1.085	0.631	1.284	0.999	0.78	1.221	1.026	0.701	1.272	1.076	0.65	1.274
134217728	1.448	0.456	1.095	1.448	0.448	1.103	1.314	0.604	1.082	1.062	0.692	1.246	1.128	0.655	1.218	1.023	0.806	1.172	1.05	0.617	1.333	0.948	0.767	1.285	1.027	0.689	1.284	1.084	0.643	1.274
268435456	1.468	0.453	1.079	1.455	0.449	1.096	1.32	0.546	1.135	1.086	0.734	1.179	1.032	0.751	1.217	1.01	0.701	1.288	0.98	0.819	1.201	0.974	0.759	1.267	1.018	0.685	1.297	1.076	0.645	1.279

Align=4031

Size																														
4096	0.865	1.461	0.674	0.877	1.453	0.67	0.716	1.731	0.553	0.491	2.124	0.385	0.317	2.431	0.252	0.316	2.426	0.258	0.348	2.426	0.224	0.316	2.431	0.253	0.276	2.505	0.221	0.262	2.53	0.208
8192	0.86	1.464	0.676	0.859	1.479	0.661	0.697	1.738	0.565	0.491	2.117	0.392	0.308	2.435	0.257	0.335	2.384	0.271	0.334	2.388	0.28	0.316	2.434	0.25	0.293	2.471	0.235	0.26	2.528	0.212

Align (top section)

Size=16384	0.844	1.476	0.68	0.828	1.502	0.669	0.699	1.751	0.55	0.472	2.147	0.382	0.357	2.351	0.291	0.343	2.36	0.297	0.362	2.315	0.323	0.311	2.395	0.295	0.304	2.424	0.27	0.266	2.492	0.242
Size=32768	0.87	1.354	0.776	0.846	1.376	0.778	0.725	1.613	0.662	0.497	2.059	0.444	0.352	2.335	0.314	0.346	2.319	0.335	0.374	2.324	0.302	0.337	2.348	0.315	0.314	2.383	0.302	0.271	2.473	0.256
Size=65536	0.916	1.319	0.766	0.88	1.324	0.796	0.758	1.576	0.667	0.525	2.018	0.457	0.368	2.312	0.321	0.361	2.316	0.322	0.359	2.277	0.364	0.323	2.353	0.325	0.323	2.362	0.315	0.285	2.438	0.277
Size=131072	0.909	1.295	0.796	0.914	1.313	0.773	0.801	1.55	0.649	0.544	2.005	0.451	0.377	2.292	0.331	0.357	2.274	0.369	0.311	2.254	0.435	0.355	2.264	0.381	0.324	2.319	0.357	0.286	2.383	0.331
Size=262144	0.863	1.148	0.989	0.876	1.2	0.924	0.762	1.468	0.769	0.523	1.914	0.563	0.375	2.196	0.43	0.357	2.165	0.478	0.359	2.073	0.568	0.36	2.144	0.497	0.327	2.192	0.481	0.288	2.255	0.457
Size=524288	0.839	1.051	1.11	0.787	1.082	1.131	0.72	1.353	0.927	0.508	1.811	0.681	0.368	2.113	0.518	0.37	2.126	0.504	0.399	2.036	0.564	0.368	2.101	0.532	0.357	2.153	0.49	0.308	2.231	0.461
Size=1048576	0.766	0.947	1.287	0.775	1.064	1.161	0.835	1.208	0.957	0.499	1.726	0.776	0.456	1.986	0.558	0.428	1.975	0.597	0.48	1.806	0.715	0.503	1.809	0.689	0.479	1.922	0.6	0.462	1.895	0.643
Size=2097152	0.847	1.074	1.079	0.796	1.022	1.183	0.723	1.236	1.041	0.601	1.7	0.699	0.552	1.842	0.606	0.639	1.688	0.672	0.746	1.279	0.976	0.756	1.4	0.844	0.575	1.514	0.911	0.531	0.861	1.609
Size=4194304	1.069	0.819	1.112	1.034	0.876	1.09	0.996	0.988	1.016	0.729	1.328	0.943	0.884	0.953	1.162	0.792	0.969	1.239	0.892	0.944	1.164	0.755	0.878	1.367	0.749	0.794	1.457	0.8	0.721	1.479
Size=8388608	1.083	0.862	1.055	1.09	0.846	1.064	1.116	0.908	0.976	1.027	0.864	1.11	0.782	0.936	1.283	0.883	0.985	1.131	0.898	0.891	1.211	0.778	0.777	1.445	0.788	0.762	1.45	0.81	0.746	1.444
Size=16777216	1.135	0.867	0.998	1.092	0.753	1.155	1.224	0.701	1.075	0.879	0.849	1.272	0.8	0.863	1.337	0.865	0.9	1.235	0.845	0.724	1.431	0.8	0.799	1.401	0.789	0.766	1.445	0.8	0.739	1.461
Size=33554432	1.16	0.675	1.165	1.264	0.531	1.205	1.242	0.629	1.128	1.003	0.733	1.264	0.874	0.81	1.316	0.842	0.807	1.35	0.854	0.839	1.307	0.777	0.857	1.366	0.79	0.738	1.472	0.809	0.73	1.46
Size=67108864	1.515	0.459	1.026	1.504	0.463	1.033	1.327	0.582	1.091	1.087	0.762	1.151	0.894	0.794	1.312	0.888	0.875	1.237	0.883	0.728	1.389	0.808	0.832	1.36	0.794	0.763	1.443	0.81	0.721	1.469
Size=134217728	1.52	0.458	1.022	1.486	0.468	1.047	1.313	0.578	1.109	1.035	0.709	1.256	0.972	0.711	1.317	0.887	0.817	1.296	0.839	0.878	1.283	0.819	0.794	1.387	0.793	0.768	1.44	0.811	0.717	1.472
Size=268435456	1.513	0.451	1.036	1.545	0.472	0.984	1.326	0.564	1.11	1.075	0.723	1.202	0.919	0.837	1.244	0.866	0.8	1.334	0.816	0.856	1.328	0.859	0.753	1.389	0.787	0.76	1.453	0.813	0.717	1.47

Align=4032

Size=4096	0.512	2.102	0.386	0.499	2.124	0.377	0.378	2.198	0.425	0.297	2.479	0.224	0.177	2.686	0.137	0.166	2.697	0.138	0.176	2.67	0.154	0.172	2.695	0.133	0.145	2.726	0.127	0.111	2.797	0.092
Size=8192	0.464	2.088	0.448	0.475	2.082	0.443	0.365	2.293	0.343	0.222	2.563	0.215	0.146	2.711	0.14	0.164	2.706	0.13	0.142	2.698	0.16	0.154	2.649	0.198	0.138	2.735	0.123	0.126	2.782	0.112
Size=16384	0.47	2.11	0.42	0.445	2.13	0.424	0.351	2.315	0.334	0.218	2.575	0.207	0.153	2.7	0.148	0.24	2.542	0.218	0.273	2.431	0.297	0.236	2.527	0.237	0.216	2.53	0.254	0.207	2.564	0.23
Size=32768	0.829	1.365	0.805	0.829	1.434	0.737	0.71	1.651	0.639	0.464	2.108	0.428	0.336	2.354	0.31	0.329	2.367	0.304	0.345	2.311	0.345	0.299	2.387	0.314	0.309	2.378	0.313	0.259	2.489	0.252
Size=65536	0.872	1.333	0.795	0.86	1.35	0.79	0.736	1.623	0.641	0.499	2.06	0.441	0.35	2.335	0.315	0.342	2.315	0.344	0.297	2.321	0.382	0.333	2.328	0.341	0.318	2.367	0.315	0.268	2.462	0.27
Size=131072	0.925	1.309	0.766	0.896	1.351	0.754	0.767	1.571	0.661	0.515	2.036	0.449	0.365	2.304	0.331	0.371	2.25	0.379	0.373	2.203	0.424	0.341	2.288	0.371	0.324	2.335	0.341	0.279	2.394	0.327
Size=262144	0.893	1.162	0.945	0.843	1.219	0.938	0.736	1.444	0.82	0.535	1.868	0.597	0.354	2.249	0.397	0.359	2.205	0.435	0.33	2.09	0.58	0.34	2.158	0.502	0.328	2.217	0.455	0.28	2.267	0.454
Size=524288	0.821	1.083	1.096	0.781	1.139	1.079	0.695	1.365	0.94	0.351	1.81	0.69	0.351	2.127	0.522	0.364	2.128	0.508	0.393	2.035	0.573	0.372	2.096	0.532	0.349	2.149	0.502	0.305	2.248	0.446
Size=1048576	0.722	0.936	1.342	0.91	1.056	1.035	0.684	1.28	1.037	0.604	1.675	0.721	0.455	1.989	0.556	0.396	1.993	0.612	0.568	1.638	0.794	0.497	1.862	0.64	0.446	1.969	0.585	0.514	1.919	0.567
Size=2097152	0.995	1.059	0.946	0.909	1.004	1.087	0.928	1.054	1.018	0.815	1.436	0.749	0.513	1.819	0.668	0.533	1.633	0.834	0.755	1.255	0.99	0.782	1.466	0.752	0.621	1.443	0.936	0.697	0.821	1.482
Size=4194304	0.999	0.931	1.07	1.026	0.944	1.03	0.907	1.095	0.998	0.7	1.373	0.927	0.902	0.896	1.202	0.752	0.973	1.275	0.821	0.991	1.188	0.811	0.87	1.319	0.765	0.775	1.46	0.82	0.729	1.451
Size=8388608	1.145	0.883	0.972	1.051	0.871	1.079	1.029	0.93	1.041	0.994	0.834	1.172	0.842	0.893	1.265	0.868	0.972	1.16	0.822	0.899	1.279	0.768	0.778	1.454	0.815	0.742	1.443	0.804	0.71	1.486
Size=16777216	1.074	0.867	1.059	1.075	0.791	1.134	1.195	0.706	1.099	0.926	0.784	1.291	0.818	0.838	1.344	0.892	0.96	1.148	0.885	0.778	1.337	0.833	0.786	1.381	0.791	0.747	1.461	0.804	0.743	1.453
Size=33554432	1.194	0.653	1.154	1.479	0.475	1.047	1.254	0.645	1.101	1.026	0.775	1.199	0.898	0.745	1.357	0.908	0.839	1.253	0.861	0.832	1.307	0.834	0.825	1.34	0.803	0.745	1.452	0.814	0.731	1.455
Size=67108864	1.516	0.457	1.027	1.494	0.475	1.031	1.306	0.573	1.122	1.064	0.676	1.26	0.88	0.825	1.295	0.791	0.842	1.367	0.825	0.839	1.335	0.771	0.809	1.421	0.788	0.769	1.443	0.817	0.722	1.461
Size=134217728	1.521	0.448	1.031	1.501	0.458	1.041	1.305	0.576	1.119	1.044	0.678	1.278	0.906	0.655	1.439	0.843	0.766	1.391	0.866	0.674	1.459	0.793	0.837	1.37	0.809	0.77	1.422	0.819	0.719	1.462
Size=268435456	1.507	0.467	1.026	1.429	0.521	1.05	1.327	0.562	1.111	1.136	0.659	1.205	0.869	0.793	1.338	0.767	0.856	1.377	0.924	0.7	1.376	0.791	0.833	1.376	0.806	0.736	1.457	0.817	0.724	1.458

Align=4033

Size=4096	0.934	1.612	0.455	0.963	1.583	0.453	0.772	1.85	0.378	0.503	2.255	0.242	0.305	2.51	0.177	0.324	2.507	0.169	0.341	2.471	0.186	0.336	2.502	0.162	0.312	2.527	0.166	0.251	2.618	0.131
Size=8192	0.919	1.619	0.462	0.913	1.612	0.475	0.763	1.853	0.384	0.491	2.262	0.247	0.312	2.521	0.167	0.31	2.516	0.174	0.369	2.492	0.138	0.3	2.52	0.18	0.305	2.532	0.163	0.27	2.588	0.142
Size=16384	1.441	1.212	0.347	0.909	1.626	0.465	0.737	1.884	0.379	0.485	2.265	0.249	0.332	2.499	0.174	0.331	2.42	0.249	0.317	2.463	0.219	0.336	2.405	0.26	0.302	2.43	0.207	0.269	2.511	0.22
Size=32768	0.876	1.354	0.77	0.854	1.367	0.779	0.74	1.599	0.661	0.506	2.046	0.448	0.357	2.328	0.315	0.355	2.337	0.307	0.325	2.32	0.355	0.34	2.328	0.332	0.325	2.379	0.296	0.287	2.449	0.264
Size=65536	0.903	1.329	0.768	0.902	1.338	0.76	0.757	1.583	0.659	0.527	2.017	0.456	0.352	2.343	0.305	0.358	2.307	0.335	0.391	2.239	0.371	0.366	2.31	0.324	0.308	2.4	0.286	0.29	2.434	0.276
Size=131072	0.928	1.3	0.772	0.932	1.304	0.764	0.8	1.551	0.648	0.58	1.945	0.475	0.403	2.253	0.344	0.365	2.262	0.374	0.382	2.211	0.407	0.351	2.286	0.364	0.333	2.304	0.363	0.292	2.377	0.331
Size=262144	0.862	1.134	1.004	0.871	1.185	0.944	0.758	1.428	0.813	0.538	1.913	0.549	0.362	2.235	0.403	0.367	2.154	0.479	0.373	2.054	0.573	0.354	2.145	0.501	0.339	2.196	0.465	0.289	2.257	0.454
Size=524288	0.86	1.044	1.096	0.794	1.099	1.106	0.711	1.365	0.924	0.521	1.802	0.676	0.348	2.151	0.501	0.38	2.091	0.529	0.414	2	0.586	0.368	2.124	0.508	0.355	2.15	0.495	0.313	2.232	0.455
Size=1048576	1.236	0.869	0.895	0.853	1.052	1.095	0.842	1.254	0.904	0.601	1.63	0.769	0.471	1.985	0.544	0.519	1.916	0.565	0.618	1.717	0.665	0.478	1.86	0.662	0.451	1.947	0.602	0.557	1.776	0.667
Size=2097152	0.825	0.988	1.187	0.899	0.923	1.178	0.891	1.067	1.042	0.6	1.668	0.732	0.49	1.875	0.634	0.813	1.536	0.651	0.831	1.23	0.939	0.738	1.419	0.843	0.656	1.44	0.904	0.951	0.729	1.321
Size=4194304	1.412	0.725	0.862	1.391	0.723	0.886	1.26	0.878	0.862	1.051	1.178	0.771	0.926	0.876	1.199	0.96	0.919	1.121	1.082	0.905	1.013	0.937	0.82	1.243	0.938	0.692	1.37	1.086	0.648	1.265
Size=8388608	1.498	0.67	0.832	1.476	0.681	0.843	1.411	0.761	0.828	1.054	0.67	1.276	0.967	0.911	1.122	0.994	0.788	1.218	1.079	0.847	1.074	0.919	0.751	1.33	1.002	0.684	1.314	1.061	0.648	1.29
Size=16777216	1.566	0.641	0.793	1.484	0.579	0.937	1.397	0.632	0.971	1.126	0.793	1.081	0.89	0.818	1.292	0.908	0.875	1.217	0.994	0.736	1.27	0.94	0.749	1.311	0.994	0.694	1.312	1.098	0.657	1.246
Size=33554432	1.491	0.562	0.947	1.525	0.451	1.023	1.355	0.588	1.058	1.074	0.791	1.135	0.913	0.778	1.309	0.862	0.783	1.355	0.937	0.802	1.26	0.92	0.792	1.288	0.978	0.712	1.31	1.093	0.637	1.27
Size=67108864	1.546	0.443	1.011	1.558	0.435	1.007	1.346	0.563	1.091	1.092	0.631	1.277	0.932	0.816	1.251	0.883	0.834	1.283	0.854	0.712	1.434	0.973	0.767	1.26	0.988	0.692	1.32	1.103	0.633	1.264
Size=134217728	1.559	0.439	1.002	1.543	0.454	1.003	1.371	0.518	1.111	1.124	0.75	1.127	0.855	0.851	1.294	0.899	0.805	1.296	0.91	0.829	1.261	0.973	0.789	1.238	0.976	0.707	1.317	1.099	0.632	1.269
Size=268435456	1.562	0.433	1.004	1.575	0.462	0.964	1.383	0.551	1.066	1.196	0.731	1.073	0.839	0.76	1.401	0.892	0.811	1.297	0.913	0.814	1.273	0.923	0.767	1.31	0.984	0.675	1.341	1.103	0.628	1.269