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=0/																														
Align=0																														
Size=4096	0.484	2.131	0.384	0.49	2.124	0.385	0.382	2.316	0.301	0.226	2.595	0.18	0.146	2.738	0.116	0.155	2.718	0.126	0.164	2.702	0.134	0.155	2.721	0.124	0.117	2.786	0.096	0.128	2.77	0.102
Size=8192	0.444	2.162	0.395	0.445	2.159	0.397	0.339	2.348	0.314	0.211	2.6	0.189	0.133	2.751	0.116	0.184	2.65	0.166	0.158	2.704	0.138	0.151	2.729	0.12	0.12	2.771	0.108	0.114	2.782	0.104
Size=16384	0.429	2.173	0.399	0.424	2.178	0.398	0.335	2.35	0.315	0.199	2.613	0.188	0.142	2.726	0.133	0.237	2.534	0.229	0.277	2.444	0.28	0.227	2.59	0.183	0.22	2.572	0.208	0.22	2.558	0.223
Size=32768	0.85	1.399	0.751	0.833	1.425	0.742	0.683	1.688	0.629	0.464	2.111	0.425	0.328	2.363	0.31	0.331	2.343	0.326	0.373	2.277	0.349	0.342	2.379	0.279	0.324	2.376	0.3	0.275	2.46	0.265
Size=65536	0.913	1.334	0.753	0.845	1.376	0.779	0.76	1.61	0.63	0.494	2.067	0.44	0.341	2.357	0.302	0.367	2.323	0.31	0.364	2.274	0.362	0.353	2.329	0.318	0.324	2.358	0.318	0.26	2.479	0.261
Size=131072	0.919	1.317	0.765	0.894	1.334	0.772	0.747	1.589	0.664	0.52	2.034	0.446	0.394	2.257	0.349	0.357	2.272	0.371	0.371	2.221	0.407	0.343	2.282	0.375	0.323	2.314	0.363	0.281	2.397	0.322
Size=262144	0.89	1.207	0.903	0.819	1.189	0.992	0.848	1.403	0.75	0.518	1.936	0.546	0.369	2.225	0.407	0.345	2.173	0.482	0.366	2.074	0.56	0.299	2.266	0.436	0.324	2.222	0.455	0.279	2.275	0.446
Size=524288	0.836	1.082	1.082	0.785	1.122	1.093	0.703	1.38	0.916	0.497	1.832	0.671	0.353	2.143	0.505	0.377	2.112	0.51	0.398	2.045	0.558	0.373	2.114	0.513	0.344	2.172	0.484	0.306	2.239	0.455
Size=1048576	1.142	0.928	0.93	0.763	1.11	1.126	0.781	1.237	0.982	0.493	1.73	0.776	0.386	2.098	0.516	0.39	2.051	0.559	0.577	1.766	0.657	0.477	1.855	0.668	0.457	1.931	0.612	0.521	1.785	0.694
Size=2097152	0.98	1.017	1.002	1.124	0.936	0.94	0.695	1.299	1.006	0.588	1.645	0.767	0.431	1.836	0.734	0.556	1.754	0.689	0.805	1.283	0.912	0.71	1.449	0.842	0.574	1.492	0.934	0.795	0.751	1.454
Size=4194304	0.99	0.93	1.08	0.941	0.904	1.156	0.858	1.08	1.062	0.695	1.248	1.057	0.905	0.912	1.183	0.774	1.034	1.192	0.782	0.989	1.229	0.634	0.898	1.467	0.808	0.757	1.435	0.881	0.699	1.421
Size=8388608	1.053	0.878	1.069	0.963	0.911	1.126	0.945	0.996	1.059	1.057	0.924	1.019	0.881	0.882	1.238	0.843	0.957	1.2	0.826	0.92	1.254	0.787	0.776	1.437	0.824	0.76	1.416	0.853	0.731	1.416
Size=16777216	1.017	0.896	1.087	0.984	0.769	1.248	1.143	0.73	1.127	0.849	0.81	1.341	0.88	0.855	1.266	0.825	0.867	1.309	0.901	0.809	1.291	0.85	0.773	1.377	0.815	0.841	1.344	0.866	0.723	1.411
Size=33554432	1.121	0.692	1.187	1.488	0.47	1.042	1.154	0.642	1.204	0.971	0.755	1.275	0.926	0.855	1.219	0.893	0.784	1.322	0.871	0.895	1.234	0.865	0.79	1.344	0.845	0.751	1.404	0.86	0.721	1.418
Size=67108864	1.513	0.447	1.04	1.468	0.462	1.07	1.291	0.594	1.114	1.019	0.749	1.232	0.877	0.817	1.307	0.941	0.861	1.198	0.887	0.851	1.262	0.843	0.787	1.369	0.817	0.784	1.399	0.858	0.721	1.42
Size=134217728	1.489	0.457	1.054	1.485	0.46	1.055	1.282	0.589	1.13	1.025	0.739	1.236	0.998	0.652	1.35	0.888	0.831	1.281	0.975	0.755	1.269	0.879	0.803	1.318	0.83	0.785	1.386	0.866	0.717	1.416
Size=268435456	1.473	0.459	1.068	1.475	0.464	1.061	1.324	0.577	1.099	1.08	0.678	1.242	0.971	0.712	1.317	0.913	0.658	1.429	0.855	0.913	1.232	0.848	0.793	1.359	0.828	0.735	1.437	0.855	0.724	1.421
Align=1																														
Size=4096	0.553	1.981	0.466	0.555	1.992	0.453	0.422	2.223	0.355	0.271	2.501	0.227	0.168	2.687	0.145	0.141	2.711	0.148	0.138	2.715	0.149	0.157	2.708	0.138	0.118	2.782	0.101	0.131	2.755	0.114
Size=8192	0.521	2.003	0.476	0.521	2.005	0.474	0.406	2.224	0.369	0.256	2.511	0.233	0.157	2.697	0.146	0.167	2.686	0.147	0.158	2.678	0.164	0.155	2.695	0.15	0.109	2.787	0.104	0.122	2.762	0.116
Size=16384	0.532	1.998	0.47	0.503	2.021	0.476	0.401	2.233	0.366	0.237	2.537	0.227	0.17	2.66	0.15	0.255	2.505	0.24	0.279	2.52	0.2	0.261	2.511	0.227	0.241	2.53	0.229	0.227	2.548	0.224
Size=32768	0.889	1.369	0.742	0.835	1.409	0.756	0.74	1.618	0.642	0.517	2.031	0.452	0.347	2.365	0.288	0.318	2.364	0.318	0.357	2.309	0.334	0.307	2.369	0.324	0.315	2.385	0.301	0.268	2.467	0.265
Size=65536	0.908	1.33	0.762	0.874	1.336	0.79	0.752	1.61	0.637	0.512	2.048	0.44	0.358	2.332	0.31	0.339	2.329	0.332	0.305	2.329	0.366	0.349	2.313	0.339	0.32	2.369	0.311	0.277	2.447	0.275
Size=131072	0.911	1.292	0.797	0.925	1.294	0.781	0.777	1.573	0.65	0.54	1.992	0.468	0.367	2.305	0.327	0.359	2.272	0.369	0.371	2.212	0.417	0.348	2.282	0.37	0.325	2.311	0.364	0.278	2.393	0.329
Size=262144	0.886	1.228	0.886	0.865	1.221	0.914	0.841	1.385	0.774	0.521	1.922	0.557	0.37	2.222	0.408	0.357	2.175	0.469	0.342	2.089	0.569	0.347	2.16	0.493	0.328	2.209	0.463	0.276	2.283	0.441
Size=524288	0.866	1.092	1.042	0.807	1.112	1.081	0.726	1.363	0.911	0.515	1.805	0.68	0.368	2.121	0.511	0.368	2.116	0.515	0.387	2.054	0.559	0.368	2.106	0.525	0.358	2.158	0.484	0.309	2.234	0.458
Size=1048576	1.12	0.991	0.888	0.905	1.034	1.06	0.826	1.242	0.933	0.606	1.656	0.738	0.396	2.037	0.567	0.618	1.684	0.698	0.561	1.736	0.703	0.514	1.866	0.619	0.477	1.822	0.701	0.44	1.908	0.652
Size=2097152	1.108	0.945	0.947	0.862	0.959	1.179	0.639	1.179	1.182	0.578	1.574	0.848	0.338	1.981	0.681	0.64	1.566	0.793	0.753	1.3	0.947	0.669	1.41	0.921	0.637	1.361	1.001	0.879	0.736	1.385
Size=4194304	0.964	0.916	1.119	0.881	0.938	1.181	0.974	1.075	0.951	0.722	1.433	0.845	0.952	0.91	1.138	0.892	0.934	1.174	0.967	0.928	1.105	0.776	0.886	1.339	0.965	0.686	1.349	1.023	0.72	1.257
Size=8388608	1.062	0.842	1.096	0.997	0.872	1.131	0.991	0.895	1.114	1.002	0.725	1.273	0.992	0.865	1.143	1.022	0.906	1.072	0.98	0.859	1.161	0.939	0.73	1.332	1.009	0.672	1.319	1.083	0.65	1.268
Size=16777216	1.013	0.896	1.091	0.992	0.79	1.217	1.128	0.732	1.14	0.871	0.831	1.298	1.033	0.742	1.225	1.015	0.738	1.247	1.003	0.72	1.277	0.991	0.73	1.28	1	0.699	1.301	1.073	0.652	1.275
Size=33554432	1.079	0.673	1.247	1.324	0.504	1.171	1.15	0.657	1.193	1.034	0.735	1.232	0.987	0.748	1.265	0.996	0.77	1.234	0.974	0.806	1.22	1.011	0.755	1.235	0.999	0.7	1.301	1.084	0.645	1.271
Size=67108864	1.499	0.457	1.044	1.474	0.461	1.064	1.281	0.586	1.133	1.029	0.726	1.245	1.018	0.767	1.214	0.996	0.702	1.302	0.92	0.816	1.264	1.025	0.761	1.28	1.023	0.698	1.28	1.071	0.65	1.279
Size=134217728	1.481	0.449	1.07	1.471	0.465	1.065	1.317	0.605	1.078	1.086	0.671	1.243	1.021	0.803	1.175	0.962	0.725	1.313	0.887	0.852	1.26	1.056	0.725	1.219	1.011	0.736	1.253	1.077	0.64	1.282
Size=268435456	1.491	0.448	1.061	1.473	0.465	1.061	1.335	0.575	1.09	1.119	0.741	1.14	0.989	0.803	1.208	0.9	0.814	1.286	0.966	0.841	1.192	1.035	0.753	1.212	1.036	0.662	1.301	1.076	0.646	1.278
Align=32																														
Size=4096	0.489	2.12	0.392	0.477	2.145	0.378	0.388	2.314	0.298	0.229	2.593	0.178	0.134	2.749	0.117	0.156	2.738	0.106	0.168	2.696	0.136	0.148	2.727	0.125	0.144	2.735	0.121	0.124	2.775	0.1
Size=8192	0.447	2.156	0.397	0.443	2.149	0.408	0.343	2.343	0.314	0.236	2.583	0.181	0.124	2.756	0.12	0.125	2.738	0.137	0.113	2.77	0.167	0.137	2.747	0.116	0.126	2.75	0.122	0.114	2.779	0.106
Size=16384	0.427	2.175	0.398	0.436	2.168	0.396	0.331	2.356	0.312	0.192	2.627	0.181	0.13	2.742	0.128	0.217	2.584	0.199	0.298	2.418	0.284	0.261	2.504	0.234	0.236	2.555	0.211	0.205	2.571	0.224
Size=32768	0.865	1.396	0.739	0.824	1.406	0.77	0.683	1.659	0.657	0.452	2.111	0.437	0.325	2.359	0.316	0.334	2.332	0.334	0.293	2.43	0.276	0.338	2.347	0.315	0.312	2.388	0.3	0.274	2.461	0.265
Size=65536	0.908	1.336	0.756	0.861	1.35	0.789	0.721	1.637	0.642	0.508	2.041	0.451	0.341	2.351	0.307	0.343	2.319	0.338	0.365	2.274	0.361	0.32	2.345	0.335	0.324	2.349	0.327	0.279	2.442	0.279
Size=131072	0.93	1.31	0.759	0.894	1.337	0.769	0.768	1.597	0.635	0.515	2.04	0.445	0.359	2.315	0.326	0.341	2.292	0.368	0.357	2.214	0.429	0.342	2.284	0.374	0.324	2.32	0.356	0.278	2.395	0.328
Size=262144	0.881	1.202	0.917	0.868	1.236	0.896	0.732	1.469	0.799	0.589	1.75	0.661	0.362	2.213	0.425	0.353	2.166	0.481	0.368	2.078	0.554	0.338	2.169	0.493	0.326	2.225	0.449	0.278	2.271	0.45
Size=524288	0.846	1.061	1.094	0.787	1.123	1.09	0.703	1.368	0.929	0.496	1.832	0.671	0.359	2.131	0.51	0.37	2.112	0.518	0.391	2.058	0.551	0.368	2.108	0.526	0.344	2.155	0.492	0.296	2.251	0.453
Size=1048576	0.827	1.09	1.083	0.828	1.033	1.139	0.701	1.325	0.974	0.607	1.695	0.698	0.45	1.945	0.605	0.445	2.002	0.553	0.522	1.782	0.696	0.565	1.859	0.576	0.459	1.927	0.614	0.449	1.848	0.704
Size=2097152	0.731	1.082	1.187	0.905	0.976	1.119	0.692	1.216	1.092	0.72	1.518	0.762	0.611	1.713	0.676	0.779	1.571	0.65	0.849	1.218	0.933	0.842	1.336	0.822	0.745	1.452	0.803	0.992	0.745	1.262
Size=4194304	0.953	0.968	1.079	0.88	0.939	1.18	1.03	1.085	0.885	0.851	1.35	0.799	0.877	0.952	1.171	0.863	0.979	1.158	0.937	1.007	1.056	0.946	0.799	1.255	0.969	0.699	1.332	1.003	0.707	1.29
Size=8388608	1.038	0.888	1.074	0.965	0.925	1.11	0.95	0.95	1.1	1.047	0.851	1.101	0.969	0.832	1.199	0.964	0.873	1.163	0.968	0.876	1.156	0.943	0.73	1.327	1.007	0.713	1.28	1.06	0.659	1.281
Size=16777216	1.044	0.911	1.045	0.933	0.804	1.263	1.152	0.727	1.121	0.976	0.728	1.297	0.885	0.839	1.275	0.944	0.796	1.261	1.049	0.643	1.308	1.036	0.696	1.268	1.023	0.722	1.255	1.07	0.649	1.281
Size=33554432	1.12	0.679	1.202	1.193	0.547	1.26	1.231	0.652	1.117	1.075	0.752	1.173	0.955	0.76	1.285	0.997	0.782	1.221	1.052	0.774	1.174	0.974	0.734	1.292	1.006	0.702	1.292	1.08	0.646	1.274
Size=67108864	1.501	0.454	1.044	1.437	0.468	1.095	1.281	0.586	1.133	1.066	0.704	1.23	1.023	0.794	1.182	1.056	0.741	1.202	0.981	0.673	1.345	0.991	0.768	1.241	1.036	0.693	1.272	1.078	0.645	1.277
Size=134217728	1.477	0.456	1.067	1.473	0.457	1.07	1.288	0.588	1.123	1.137	0.723	1.14	1.043	0.812	1.145	0.897	0.776	1.327	0.894	0.822	1.284	1.07	0.748	1.182	1.018	0.709	1.273	1.085	0.642	1.273
Size=268435456	1.478	0.463	1.06	1.463	0.466	1.071	1.341	0.492	1.167	1.197	0.591	1.212	0.9	0.844	1.256	0.988	0.768	1.244	1.022	0.781	1.197	0.97	0.758	1.272	1.022	0.698	1.281	1.078	0.645	1.277

Align=2047

Size																														
4096	0.537	1.99	0.472	0.541	1.984	0.475	0.418	2.2	0.382	0.256	2.515	0.229	0.163	2.69	0.146	0.165	2.688	0.146	0.182	2.655	0.159	0.173	2.69	0.137	0.148	2.728	0.124	0.134	2.749	0.117
8192	0.511	2.001	0.488	0.509	2.004	0.487	0.394	2.23	0.376	0.255	2.507	0.238	0.161	2.687	0.151	0.165	2.686	0.149	0.17	2.671	0.157	0.155	2.7	0.145	0.123	2.760	0.112	0.124	2.757	0.119
16384	0.523	1.998	0.479	0.496	2.019	0.485	0.385	2.227	0.388	0.247	2.512	0.24	0.173	2.669	0.159	0.24	2.539	0.221	0.254	2.52	0.226	0.228	2.534	0.239	0.217	2.556	0.227	0.222	2.567	0.211
32768	0.769	1.445	0.786	0.735	1.468	0.797	0.649	1.71	0.641	0.433	2.135	0.431	0.306	2.379	0.315	0.339	2.319	0.342	0.357	2.291	0.352	0.314	2.355	0.331	0.302	2.39	0.308	0.266	2.473	0.261
65536	0.85	1.38	0.77	0.834	1.383	0.783	0.709	1.646	0.645	0.476	2.088	0.436	0.333	2.36	0.307	0.345	2.312	0.343	0.341	2.325	0.343	0.319	2.362	0.319	0.281	2.439	0.28			
131072	0.895	1.342	0.763	0.89	1.348	0.762	0.755	1.585	0.66	0.519	2.047	0.435	0.369	2.302	0.329	0.364	2.255	0.381	0.332	2.234	0.434	0.348	2.283	0.369	0.331	2.323	0.347	0.275	2.4	0.324
262144	0.834	1.193	0.973	0.865	1.246	0.889	0.749	1.487	0.764	0.52	1.931	0.549	0.369	2.227	0.404	0.353	2.189	0.458	0.361	2.11	0.529	0.342	2.164	0.494	0.325	2.214	0.461	0.277	2.275	0.448
524288	0.823	1.085	1.091	0.783	1.119	1.097	0.703	1.376	0.921	0.502	1.821	0.677	0.365	2.12	0.515	0.362	2.113	0.525	0.398	2.047	0.555	0.368	2.107	0.525	0.348	2.158	0.494	0.303	2.242	0.455
1048576	1.11	0.926	0.963	0.838	1.041	1.121	0.808	1.218	0.974	0.5	1.764	0.736	0.368	2.102	0.531	0.442	1.979	0.579	0.549	1.824	0.627	0.491	1.896	0.613	0.502	1.901	0.597	0.463	1.905	0.632
2097152	0.986	0.844	1.17	1	0.991	1.01	0.879	1.096	1.025	0.588	1.622	0.791	0.391	1.991	0.618	0.491	1.766	0.742	0.755	1.296	0.949	0.653	1.443	0.904	0.572	1.473	0.955	0.777	0.799	1.423
4194304	1.067	0.852	1.082	0.996	0.935	1.069	0.863	1.06	1.077	0.72	1.382	0.898	0.727	0.918	1.355	0.718	0.998	1.283	0.774	0.963	1.263	0.616	0.949	1.435	0.754	0.776	1.47	0.891	0.717	1.392
8388608	0.978	0.904	1.118	0.98	0.877	1.143	0.942	0.95	1.108	1.064	0.958	0.978	0.886	0.981	1.133	0.73	0.943	1.327	0.883	0.945	1.172	0.799	0.814	1.388	0.779	0.782	1.438	0.841	0.766	1.393
16777216	1.05	0.915	1.035	0.971	0.764	1.265	1.187	0.723	1.091	0.918	0.815	1.267	0.816	0.797	1.387	0.718	0.882	1.4	0.872	0.749	1.378	0.799	0.792	1.409	0.77	0.861	1.369	0.834	0.742	1.424
33554432	1.091	0.683	1.225	1.506	0.483	1.011	1.141	0.63	1.229	0.99	0.757	1.253	0.826	0.879	1.295	0.812	0.778	1.409	0.777	0.843	1.381	0.74	0.86	1.4	0.812	0.753	1.434	0.832	0.733	1.435
67108864	1.496	0.446	1.058	1.437	0.456	1.108	1.27	0.578	1.152	1.024	0.745	1.232	0.871	0.874	1.255	0.773	0.894	1.334	0.905	0.892	1.204	0.828	0.824	1.348	0.821	0.742	1.437	0.842	0.73	1.428
134217728	1.47	0.447	1.083	1.472	0.447	1.081	1.263	0.585	1.152	1.015	0.715	1.27	0.929	0.759	1.311	0.848	0.795	1.357	0.819	0.855	1.326	0.822	0.847	1.331	0.803	0.765	1.432	0.843	0.722	1.435
268435456	1.483	0.439	1.078	1.467	0.444	1.088	1.334	0.579	1.087	1.056	0.709	1.235	0.886	0.821	1.293	0.889	0.825	1.286	0.827	0.858	1.315	0.808	0.845	1.346	0.812	0.757	1.431	0.839	0.729	1.433

Align=2048

Size																														
4096	0.485	2.13	0.385	0.487	2.115	0.398	0.392	2.313	0.295	0.22	2.603	0.177	0.14	2.746	0.114	0.153	2.72	0.127	0.159	2.726	0.117	0.162	2.713	0.125	0.137	2.746	0.117	0.122	2.776	0.101
8192	0.447	2.155	0.397	0.445	2.158	0.397	0.342	2.343	0.314	0.256	2.516	0.228	0.134	2.755	0.111	0.12	2.764	0.117	0.158	2.703	0.138	0.145	2.738	0.117	0.13	2.754	0.116	0.114	2.783	0.103
16384	0.429	2.172	0.399	0.414	2.198	0.389	0.332	2.367	0.302	0.193	2.623	0.184	0.125	2.739	0.136	0.238	2.545	0.217	0.278	2.452	0.27	0.218	2.564	0.218	0.222	2.565	0.213	0.204	2.578	0.218
32768	0.796	1.469	0.735	0.739	1.51	0.751	0.624	1.737	0.639	0.429	2.147	0.424	0.34	2.316	0.344	0.313	2.348	0.338	0.368	2.37	0.261	0.327	2.354	0.319	0.296	2.343	0.361	0.276	2.454	0.27
65536	0.896	1.37	0.734	0.83	1.417	0.753	0.715	1.668	0.618	0.507	2.066	0.426	0.338	2.36	0.296	0.346	2.317	0.337	0.368	2.267	0.365	0.343	2.334	0.323	0.327	2.36	0.313	0.281	2.441	0.278
131072	0.914	1.306	0.78	0.88	1.334	0.786	0.744	1.629	0.627	0.517	2.039	0.444	0.351	2.337	0.313	0.344	2.3	0.356	0.369	2.21	0.421	0.339	2.292	0.369	0.321	2.328	0.352	0.277	2.398	0.326
262144	0.905	1.236	0.858	0.86	1.217	0.924	0.758	1.496	0.745	0.515	1.932	0.553	0.366	2.229	0.405	0.372	2.186	0.441	0.285	2.144	0.571	0.347	2.167	0.486	0.325	2.231	0.445	0.279	2.27	0.451
524288	0.841	1.066	1.093	0.775	1.135	1.09	0.717	1.361	0.922	0.495	1.847	0.658	0.345	2.136	0.519	0.407	2.012	0.581	0.396	2.036	0.568	0.368	2.111	0.521	0.353	2.17	0.477	0.285	2.286	0.429
1048576	0.797	1.165	1.038	0.844	0.98	1.176	0.691	1.328	0.981	0.62	1.682	0.699	0.443	1.997	0.56	0.479	1.93	0.591	0.476	1.73	0.794	0.486	1.833	0.681	0.44	1.886	0.674	0.527	1.826	0.647
2097152	0.998	0.893	1.109	0.832	1.02	1.148	0.766	1.153	1.081	0.542	1.634	0.825	0.491	1.877	0.632	0.428	1.635	0.937	0.745	1.342	0.913	0.623	1.48	0.897	0.68	1.503	0.817	0.771	0.774	1.455
4194304	1.006	0.864	1.13	0.897	0.98	1.124	0.97	1.061	0.968	0.715	1.378	0.908	0.86	0.959	1.181	0.818	0.995	1.187	0.901	0.988	1.111	0.882	0.967	1.151	0.838	0.761	1.401	0.857	0.745	1.398
8388608	1.008	0.905	1.087	0.943	0.914	1.142	0.997	1.039	0.964	0.974	0.862	1.165	0.927	0.971	1.101	0.852	0.946	1.202	0.913	0.959	1.128	0.83	0.79	1.38	0.813	0.877	1.31	0.889	0.701	1.409
16777216	1.047	0.873	1.08	0.987	0.837	1.176	1.199	0.714	1.087	0.872	0.786	1.342	0.852	0.807	1.341	0.753	0.846	1.402	0.715	0.824	1.461	0.815	0.777	1.407	0.867	0.752	1.381	0.89	0.715	1.394
33554432	1.085	0.68	1.236	1.447	0.458	1.095	1.179	0.644	1.177	0.998	0.758	1.244	0.883	0.833	1.283	0.908	0.786	1.306	0.853	0.825	1.322	0.876	0.808	1.315	0.867	0.725	1.408	0.886	0.715	1.399
67108864	1.475	0.445	1.08	1.43	0.464	1.106	1.307	0.596	1.097	1.027	0.722	1.251	0.934	0.779	1.286	0.916	0.868	1.216	0.909	0.884	1.208	0.837	0.822	1.341	0.86	0.752	1.389	0.889	0.712	1.399
134217728	1.478	0.447	1.075	1.45	0.457	1.092	1.339	0.476	1.185	1.052	0.749	1.199	1.023	0.651	1.326	0.919	0.753	1.328	0.9	0.801	1.299	0.835	0.822	1.343	0.859	0.755	1.386	0.884	0.714	1.402
268435456	1.473	0.442	1.084	1.464	0.448	1.088	1.318	0.521	1.16	1.071	0.682	1.247	0.987	0.764	1.249	0.871	0.829	1.3	0.943	0.695	1.362	0.842	0.779	1.379	0.86	0.741	1.4	0.884	0.714	1.401

Align=2049

Size																														
4096	0.525	2.016	0.459	0.535	2	0.465	0.431	2.197	0.372	0.257	2.519	0.225	0.162	2.694	0.144	0.154	2.703	0.142	0.16	2.687	0.153	0.161	2.701	0.138	0.147	2.722	0.131	0.133	2.752	0.115
8192	0.507	2.002	0.491	0.478	2.047	0.475	0.398	2.226	0.376	0.251	2.515	0.234	0.162	2.693	0.145	0.163	2.682	0.155	0.168	2.705	0.127	0.156	2.695	0.149	0.138	2.733	0.13	0.112	2.761	0.106
16384	0.526	2.004	0.47	0.514	1.995	0.49	0.401	2.231	0.369	0.237	2.537	0.226	0.168	2.681	0.15	0.281	2.481	0.238	0.173	2.542	0.285	0.239	2.523	0.238	0.21	2.569	0.221	0.217	2.569	0.214
32768	0.778	1.445	0.777	0.774	1.449	0.778	0.664	1.681	0.654	0.424	2.139	0.438	0.314	2.384	0.302	0.34	2.319	0.34	0.329	2.307	0.364	0.327	2.363	0.314	0.321	2.378	0.301	0.277	2.454	0.268
65536	0.859	1.376	0.765	0.855	1.387	0.758	0.741	1.619	0.64	0.491	2.08	0.429	0.342	2.365	0.293	0.348	2.327	0.325	0.282	2.344	0.374	0.343	2.327	0.33	0.324	2.365	0.312	0.271	2.461	0.268
131072	0.909	1.331	0.76	0.908	1.336	0.756	0.772	1.596	0.632	0.53	2.034	0.436	0.361	2.321	0.318	0.361	2.258	0.381	0.302	2.34	0.358	0.344	2.278	0.378	0.324	2.318	0.358	0.279	2.388	0.332
262144	0.864	1.21	0.926	0.848	1.251	0.901	0.765	1.491	0.744	0.519	1.933	0.548	0.386	2.201	0.414	0.351	2.19	0.46	0.366	2.071	0.563	0.345	2.164	0.49	0.329	2.222	0.45	0.277	2.278	0.445
524288	0.83	1.081	1.089	0.797	1.114	1.089	0.703	1.376	0.921	0.525	1.771	0.704	0.377	2.112	0.511	0.378	2.118	0.504	0.393	2.042	0.566	0.365	2.098	0.537	0.349	2.172	0.479	0.307	2.224	0.469
1048576	0.798	1.183	1.018	0.792	1.013	1.195	0.821	1.294	0.885	0.499	1.727	0.774	0.444	1.984	0.572	0.401	1.986	0.613	0.51	1.672	0.818	0.479	1.857	0.664	0.489	1.924	0.587	0.526	1.817	0.658
2097152	0.78	1.116	1.104	0.939	0.841	1.22	0.881	1.124	0.995	0.646	1.632	0.723	0.457	1.808	0.737	0.602	1.501	0.897	1.009	1.111	0.879	0.676	1.436	0.888	0.673	1.517	0.81	1.039	0.685	1.276
4194304	1.056	0.891	1.053	0.98	0.867	1.153	0.932	1.109	0.958	0.811	1.372	0.817	0.854	0.963	1.183	0.908	0.994	1.098	0.929	0.915	1.157	0.73	0.884	1.386	0.953	0.706	1.342	1.059	0.644	1.297
8388608	1.045	0.855	1.101	0.955	0.893	1.152	0.956	0.96	1.083	0.897	0.896	1.207	0.966	0.868	1.167	0.987	0.845	1.168	1.019	0.865	1.116	0.935	0.724	1.341	0.97	0.825	1.205	1.082	0.652	1.266
16777216	1.027	0.888	1.085	1.049	0.794	1.157	1.144	0.723	1.133	0.922	0.776	1.302	0.976	0.729	1.294	1.044	0.769	1.187	1.025	0.694	1.281	1.015	0.697	1.288	1.052	0.688	1.261	1.065	0.661	1.275
33554432	1.108	0.673	1.219	1.497	0.486	1.016	1.186	0.64	1.174	1.089	0.746	1.165	1.12	0.62	1.26	0.994	0.705	1.301	1.028	0.776	1.196	0.96	0.769	1.271	1.034	0.669	1.298	1.087	0.641	1.272
67108864	1.476	0.45	1.074	1.445	0.452	1.104	1.321	0.567	1.112	1.051	0.664	1.285	1.005	0.765	1.23	0.883	0.779	1.337	0.964	0.678	1.358	1.031	0.737	1.232	1.027	0.69	1.283	1.084	0.646	1.27
134217728	1.458	0.456	1.086	1.443	0.457	1.1	1.272	0.58	1.148	1.149	0.745	1.106	1.083	0.77	1.147	0.936	0.845	1.219	0.994	0.813	1.193	1.012	0.757	1.231	1.015	0.709	1.276	1.078	0.639	1.283
268435456	1.456	0.456	1.088	1.457	0.451	1.092	1.295	0.567	1.138	1.168	0.572	1.259	1.023	0.762	1.215	1.019	0.764	1.218	0.981	0.787	1.232	1.035	0.719	1.246	1.037	0.667	1.296	1.083	0.648	1.269

Align=4031

Size																														
4096	0.866	1.461	0.673	0.829	1.471	0.7	0.695	1.727	0.578	0.478	2.147	0.375	0.296	2.45	0.25	0.355	2.357	0.288	0.332	2.414	0.254	0.321	2.422	0.257	0.289	2.484	0.229	0.263	2.527	0.21
8192	0.857	1.465	0.677	0.841	1.493	0.666	0.716	1.742	0.542	0.477	2.146	0.377	0.312	2.441	0.246	0.242	2.477	0.281	0.35	2.367	0.283	0.257	2.539	0.204	0.281	2.489	0.23	0.262	2.526	0.213

Section 1

Size=16384	0.844	1.475	0.681	0.841	1.478	0.681	0.691	1.73	0.579	0.583	1.967	0.45	0.304	2.445	0.253	0.33	2.367	0.283	0.341	2.343	0.315	0.297	2.42	0.282	0.293	2.43	0.27	0.26	2.503	0.236
Size=32768	0.895	1.352	0.753	0.856	1.368	0.776	0.719	1.636	0.645	0.507	2.03	0.464	0.331	2.357	0.312	0.354	2.314	0.332	0.36	2.349	0.291	0.34	2.342	0.318	0.32	2.378	0.302	0.271	2.473	0.257
Size=65536	0.917	1.296	0.787	0.87	1.366	0.764	0.739	1.593	0.668	0.512	2.041	0.446	0.348	2.353	0.299	0.37	2.278	0.353	0.377	2.258	0.366	0.345	2.325	0.329	0.338	2.353	0.309	0.283	2.44	0.277
Size=131072	0.941	1.292	0.767	0.926	1.304	0.771	0.778	1.553	0.668	0.551	1.979	0.47	0.392	2.267	0.341	0.349	2.284	0.367	0.362	2.222	0.416	0.359	2.27	0.371	0.331	2.31	0.359	0.272	2.413	0.315
Size=262144	0.892	1.18	0.928	0.814	1.164	1.022	0.748	1.439	0.813	0.518	1.922	0.56	0.379	2.212	0.409	0.37	2.142	0.488	0.376	2.068	0.555	0.357	2.135	0.507	0.329	2.194	0.477	0.287	2.262	0.451
Size=524288	0.844	1.049	1.107	0.773	1.104	1.123	0.7	1.363	0.937	0.51	1.82	0.67	0.373	2.111	0.516	0.378	2.144	0.478	0.418	2.008	0.574	0.376	2.081	0.543	0.347	2.157	0.496	0.314	2.223	0.463
Size=1048576	0.787	1.097	1.117	0.897	1.042	1.061	0.816	1.22	0.964	0.523	1.691	0.786	0.478	1.941	0.581	0.514	1.845	0.641	0.504	1.795	0.701	0.455	1.87	0.674	0.466	1.9	0.633	0.486	1.888	0.626
Size=2097152	1.03	0.839	1.131	0.964	0.939	1.097	0.691	1.149	1.16	0.507	1.762	0.731	0.529	1.691	0.78	0.52	1.692	0.788	0.698	1.406	0.896	0.589	1.454	0.957	0.651	1.502	0.847	0.728	0.787	1.485
Size=4194304	1.067	0.839	1.094	1.06	0.893	1.047	1.003	1.027	0.97	0.802	1.305	0.893	0.841	0.937	1.222	0.774	0.95	1.276	0.785	0.977	1.238	0.748	0.894	1.358	0.743	0.82	1.437	0.78	0.804	1.416
Size=8388608	1.074	0.875	1.051	1.065	0.864	1.07	1.009	0.918	1.073	0.96	0.867	1.173	0.834	0.998	1.168	0.802	0.899	1.299	0.876	0.928	1.196	0.762	0.781	1.458	0.776	0.753	1.471	0.786	0.788	1.427
Size=16777216	1.115	0.868	1.017	1.095	0.722	1.182	1.206	0.698	1.095	0.907	0.774	1.32	0.774	0.823	1.404	0.754	0.78	1.466	0.852	0.76	1.388	0.799	0.785	1.416	0.774	0.81	1.416	0.792	0.754	1.454
Size=33554432	1.182	0.669	1.148	1.486	0.465	1.048	1.266	0.641	1.093	1.007	0.771	1.222	0.924	0.828	1.248	0.843	0.8	1.356	0.805	0.836	1.358	0.76	0.827	1.413	0.793	0.777	1.43	0.8	0.732	1.467
Size=67108864	1.529	0.442	1.029	1.514	0.455	1.032	1.343	0.514	1.144	1.052	0.752	1.196	0.844	0.796	1.36	0.877	0.852	1.271	0.8	0.837	1.363	0.804	0.821	1.375	0.784	0.747	1.47	0.813	0.723	1.464
Size=134217728	1.51	0.451	1.039	1.498	0.458	1.044	1.317	0.583	1.1	1.041	0.715	1.245	0.813	0.851	1.336	0.902	0.834	1.264	0.85	0.818	1.332	0.787	0.873	1.34	0.803	0.761	1.436	0.815	0.712	1.473
Size=268435456	1.513	0.453	1.034	1.393	0.486	1.121	1.333	0.558	1.109	1.1	0.727	1.173	0.876	0.746	1.378	0.889	0.793	1.318	0.848	0.72	1.431	0.812	0.81	1.378	0.787	0.743	1.469	0.814	0.715	1.472

Align=4032

Size=4096	0.512	2.101	0.387	0.511	2.102	0.387	0.404	2.291	0.305	0.237	2.585	0.179	0.158	2.72	0.122	0.167	2.696	0.137	0.178	2.686	0.136	0.165	2.708	0.129	0.147	2.732	0.121	0.131	2.758	0.11
Size=8192	0.463	2.091	0.446	0.462	2.092	0.446	0.347	2.306	0.347	0.217	2.55	0.232	0.153	2.715	0.131	0.186	2.652	0.162	0.166	2.675	0.159	0.144	2.712	0.144	0.143	2.726	0.13	0.128	2.781	0.111
Size=16384	0.47	2.111	0.419	0.445	2.131	0.424	0.351	2.314	0.334	0.202	2.602	0.196	0.158	2.692	0.15	0.154	2.621	0.226	0.167	2.544	0.29	0.241	2.522	0.236	0.191	2.585	0.226	0.194	2.571	0.234
Size=32768	0.85	1.387	0.763	0.787	1.412	0.801	0.739	1.616	0.645	0.474	2.094	0.432	0.308	2.39	0.298	0.347	2.346	0.307	0.318	2.364	0.302	0.334	2.384	0.304	0.312	2.384	0.304	0.27	2.465	0.265
Size=65536	0.873	1.356	0.771	0.858	1.377	0.765	0.735	1.607	0.658	0.512	2.031	0.457	0.337	2.357	0.306	0.357	2.309	0.333	0.375	2.252	0.373	0.343	2.328	0.329	0.318	2.368	0.312	0.279	2.441	0.28
Size=131072	0.944	1.303	0.753	0.926	1.313	0.761	0.75	1.59	0.66	0.532	2.015	0.454	0.371	2.292	0.336	0.362	2.264	0.374	0.369	2.224	0.407	0.349	2.263	0.388	0.324	2.327	0.349	0.282	2.397	0.327
Size=262144	0.847	1.197	0.956	0.839	1.221	0.94	0.745	1.476	0.778	0.549	1.902	0.549	0.367	2.217	0.416	0.355	2.17	0.475	0.347	2.094	0.559	0.342	2.17	0.488	0.33	2.203	0.467	0.28	2.272	0.449
Size=524288	0.828	1.081	1.078	0.785	1.138	1.078	0.698	1.366	0.936	0.494	1.831	0.675	0.361	2.119	0.52	0.35	2.107	0.544	0.392	2.028	0.58	0.364	2.11	0.527	0.341	2.165	0.494	0.29	2.274	0.436
Size=1048576	0.811	1.137	1.052	0.87	0.985	1.144	0.834	1.245	0.922	0.594	1.698	0.708	0.392	2.023	0.585	0.427	2.01	0.563	0.58	1.772	0.648	0.494	1.836	0.67	0.461	1.949	0.59	0.539	1.751	0.71
Size=2097152	0.934	0.856	1.209	0.788	1.075	1.137	0.823	1.266	0.912	0.533	1.609	0.859	0.556	1.676	0.768	0.551	1.712	0.737	0.761	1.244	0.995	0.724	1.524	0.752	0.654	1.489	0.857	0.686	0.843	1.471
Size=4194304	1.063	0.891	1.046	1.016	0.856	1.129	0.909	1.042	1.05	0.913	1.324	0.763	0.872	0.915	1.213	0.83	0.986	1.183	0.872	1.005	1.122	0.726	0.934	1.34	0.74	0.765	1.496	0.886	0.711	1.403
Size=8388608	1.106	0.838	1.055	1.033	0.863	1.104	1.046	0.912	1.042	0.988	0.868	1.145	0.839	0.908	1.253	0.797	0.94	1.263	0.92	0.904	1.176	0.784	0.794	1.422	0.795	0.762	1.443	0.811	0.738	1.451
Size=16777216	1.067	0.888	1.045	1.107	0.789	1.104	1.193	0.704	1.103	0.932	0.807	1.261	0.875	0.845	1.28	0.74	0.837	1.423	0.921	0.684	1.395	0.828	0.757	1.415	0.802	0.78	1.417	0.812	0.729	1.46
Size=33554432	1.132	0.691	1.177	1.501	0.478	1.021	1.2	0.624	1.176	1.002	0.777	1.221	0.851	0.861	1.288	0.834	0.819	1.347	0.841	0.882	1.277	0.77	0.815	1.415	0.801	0.751	1.448	0.819	0.722	1.458
Size=67108864	1.531	0.47	0.999	1.506	0.463	1.031	1.308	0.577	1.115	1.02	0.738	1.242	0.856	0.827	1.316	0.893	0.817	1.29	0.833	0.805	1.362	0.797	0.847	1.356	0.819	0.758	1.423	0.816	0.726	1.457
Size=134217728	1.507	0.469	1.024	1.505	0.466	1.029	1.309	0.581	1.11	1.062	0.724	1.214	0.862	0.823	1.315	0.898	0.748	1.353	0.848	0.827	1.325	0.816	0.826	1.359	0.803	0.744	1.453	0.817	0.724	1.459
Size=268435456	1.503	0.475	1.022	1.388	0.501	1.111	1.329	0.56	1.111	1.107	0.754	1.139	0.907	0.82	1.273	0.869	0.764	1.367	0.853	0.854	1.294	0.752	0.851	1.397	0.802	0.753	1.446	0.816	0.726	1.458

Align=4033

Size=4096	0.942	1.599	0.459	0.937	1.592	0.471	0.768	1.846	0.386	0.498	2.235	0.267	0.324	2.5	0.156	0.334	2.503	0.163	0.332	2.527	0.141	0.314	2.518	0.168	0.308	2.538	0.154	0.272	2.589	0.139
Size=8192	0.918	1.62	0.462	0.913	1.612	0.475	0.742	1.812	0.447	0.488	2.266	0.246	0.328	2.508	0.164	0.337	2.493	0.17	0.365	2.462	0.173	0.317	2.514	0.169	0.314	2.526	0.16	0.265	2.592	0.142
Size=16384	0.911	1.624	0.465	0.925	1.602	0.473	0.758	1.854	0.388	0.506	2.235	0.259	0.34	2.482	0.178	0.329	2.413	0.257	0.365	2.378	0.258	0.335	2.427	0.238	0.312	2.459	0.23	0.272	2.501	0.227
Size=32768	0.894	1.352	0.754	0.851	1.372	0.777	0.728	1.634	0.637	0.489	2.075	0.435	0.348	2.35	0.302	0.359	2.317	0.324	0.353	2.386	0.262	0.349	2.33	0.321	0.34	2.381	0.299	0.287	2.452	0.26
Size=65536	0.918	1.288	0.795	0.96	1.309	0.731	0.76	1.58	0.66	0.521	2.031	0.448	0.368	2.331	0.301	0.364	2.295	0.341	0.37	2.282	0.348	0.359	2.31	0.331	0.333	2.353	0.314	0.273	2.464	0.263
Size=131072	0.927	1.298	0.775	0.948	1.287	0.765	0.792	1.548	0.66	0.558	1.996	0.446	0.382	2.286	0.332	0.375	2.263	0.362	0.318	2.26	0.422	0.361	2.266	0.373	0.335	2.304	0.361	0.273	2.419	0.307
Size=262144	0.871	1.149	0.979	0.864	1.175	0.961	0.769	1.405	0.827	0.534	1.895	0.571	0.381	2.237	0.381	0.367	2.152	0.481	0.293	2.128	0.58	0.335	2.163	0.502	0.341	2.197	0.462	0.289	2.263	0.448
Size=524288	0.864	1.041	1.095	0.8	1.095	1.105	0.723	1.358	0.92	0.517	1.813	0.67	0.379	2.102	0.52	0.375	2.115	0.511	0.42	2.021	0.559	0.373	2.113	0.515	0.359	2.147	0.494	0.308	2.236	0.456
Size=1048576	0.976	0.999	1.025	0.787	1.055	1.159	0.783	1.259	0.958	0.595	1.7	0.705	0.404	1.986	0.61	0.463	1.938	0.599	0.506	1.794	0.7	0.478	1.771	0.752	0.474	1.892	0.634	0.493	1.792	0.715
Size=2097152	1.066	0.848	1.086	0.814	1.041	1.144	0.838	1.136	1.026	0.633	1.541	0.827	0.62	1.857	0.524	0.782	1.511	0.707	0.802	1.148	1.05	0.765	1.399	0.836	0.747	1.416	0.837	0.732	0.753	1.515
Size=4194304	1.41	0.764	0.826	1.317	0.76	0.923	1.3	0.882	0.819	1.119	1.148	0.733	0.882	0.906	1.213	1.026	0.825	1.149	1.03	0.919	1.051	0.942	0.905	1.152	0.929	0.734	1.337	1.019	0.673	1.309
Size=8388608	1.538	0.665	0.796	1.472	0.673	0.855	1.421	0.743	0.837	1.054	0.847	1.099	0.929	0.877	1.194	0.864	0.903	1.233	1.06	0.826	1.114	0.877	0.76	1.364	0.971	0.709	1.32	1.064	0.651	1.284
Size=16777216	1.583	0.623	0.794	1.515	0.601	0.884	1.405	0.625	0.97	1.046	0.737	1.216	0.983	0.749	1.268	0.936	0.743	1.321	1.03	0.728	1.243	0.866	0.756	1.378	0.983	0.703	1.314	1.091	0.646	1.263
Size=33554432	1.471	0.561	0.968	1.515	0.455	1.03	1.381	0.596	1.023	1.066	0.727	1.207	0.873	0.798	1.329	0.909	0.779	1.313	0.975	0.833	1.192	0.942	0.751	1.306	0.976	0.7	1.324	1.106	0.633	1.261
Size=67108864	1.567	0.432	1.001	1.55	0.435	1.015	1.354	0.561	1.084	1.056	0.729	1.214	0.874	0.801	1.325	0.956	0.829	1.214	0.899	0.843	1.258	0.971	0.765	1.264	0.962	0.723	1.315	1.105	0.635	1.26
Size=134217728	1.542	0.442	1.016	1.542	0.441	1.016	1.355	0.57	1.075	1.063	0.695	1.242	0.951	0.634	1.415	0.837	0.856	1.307	1.001	0.798	1.201	0.952	0.759	1.288	0.971	0.722	1.307	1.095	0.633	1.272
Size=268435456	1.55	0.433	1.017	1.55	0.437	1.013	1.412	0.558	1.03	1.181	0.758	1.06	0.874	0.824	1.303	0.854	0.856	1.29	0.898	0.833	1.269	0.927	0.763	1.309	0.976	0.703	1.322	1.099	0.63	1.271