

Input Range	Setup (sec)	DB Conv. (sec)	Search (sec)	Post-Proc. (sec)
10	0.0772	1.60	$4.55 \times 10^{-5}$	$9.27 \times 10^{-6}$
25	0.0811	2.90	$5.10 \times 10^{-5}$	$7.85 \times 10^{-6}$
50	0.0839	5.37	$3.67 \times 10^{-5}$	$8.11 \times 10^{-6}$
75	0.0855	6.57	$4.62 \times 10^{-5}$	$9.00 \times 10^{-6}$
100	0.0765	8.53	$3.64 \times 10^{-5}$	$8.04 \times 10^{-6}$
250	0.0785	1.93	$3.60 \times 10^{-5}$	$7.00 \times 10^{-6}$
500	0.0817	4.27	$5.06 \times 10^{-5}$	$1.21 \times 10^{-5}$
750	0.0796	6.64	$5.71 \times 10^{-5}$	$1.65 \times 10^{-5}$
1000	0.0842	7.87	$4.14 \times 10^{-5}$	$8.36 \times 10^{-6}$
2500	0.0874	0.0026	$4.27 \times 10^{-5}$	$1.23 \times 10^{-5}$
5000	0.0857	0.0050	$4.94 \times 10^{-5}$	$1.37 \times 10^{-5}$
7500	0.0808	0.0070	$8.87 \times 10^{-5}$	$1.40 \times 10^{-5}$
10 000	0.0869	0.0102	$9.20 \times 10^{-5}$	$1.69 \times 10^{-5}$
25 000	0.0858	0.0258	$7.80 \times 10^{-5}$	$2.66 \times 10^{-5}$
50 000	0.0817	0.0527	$8.69 \times 10^{-5}$	$6.20 \times 10^{-5}$
75 000	0.0805	0.0813	$1.00 \times 10^{-4}$	$8.01 \times 10^{-5}$
100 000	0.1016	0.1125	$9.80 \times 10^{-5}$	$1.18 \times 10^{-4}$
250 000	0.0856	0.2990	$1.09 \times 10^{-4}$	$2.98 \times 10^{-4}$
500 000	0.0665	0.6084	$1.58 \times 10^{-4}$	$3.30 \times 10^{-4}$
750 000	0.0810	0.9314	$1.85 \times 10^{-4}$	$4.14 \times 10^{-4}$
1 000 000	0.0867	1.2731	$2.04 \times 10^{-4}$	$5.27 \times 10^{-4}$
2 500 000	0.0860	3.3901	$2.41 \times 10^{-4}$	0.0012
5 000 000	0.0851	6.9046	$2.46 \times 10^{-4}$	0.0026
7 500 000	0.0831	10.4100	$2.25 \times 10^{-4}$	0.0039
10 000 000	0.0779	13.9833	$1.57 \times 10^{-4}$	0.0076