

Kyber Odyssey KEM Benchmark Results  
Start time: 2024-07-23 15:27:11

Algorithm	Keygen (ms)	Encaps (ms)	Decaps (ms)	Keygens/s	Encaps/s	Decaps/s
frodo640aes	0.210	0.242	0.232	4753.0	4125.0	4311.0
frodo640shake	1.196	1.245	1.238	836.0	803.0	808.0
frodo976aes	0.353	0.477	0.460	2833.0	2097.0	2175.0
frodo976shake	2.639	2.717	2.695	379.0	368.0	371.0
frodol344aes	0.729	0.968	0.934	1371.0	1033.0	1071.0
frodol344shake	5.714	5.882	5.848	175.0	170.0	171.0
kyber512	0.010	0.010	0.009	97543.4	97980.0	115790.0
kyber768	0.016	0.016	0.014	61865.7	61798.0	71462.0
kyber1024	0.023	0.027	0.024	43712.0	37395.0	41212.0
mlkem512	0.010	0.009	0.010	101881.8	112824.2	97006.0
mlkem768	0.019	0.017	0.017	52451.5	58777.0	59018.0
mlkem1024	0.022	0.021	0.021	44847.5	48512.0	48680.0
bikel1	0.138	0.030	0.516	7252.0	33408.1	1939.0
bikel3	0.335	0.060	1.821	2981.0	16692.0	549.0
bikel5	0.866	0.129	3.953	1155.0	7742.0	253.0
hqc128	0.944	1.912	3.058	1059.0	523.0	327.0
hqc192	2.882	5.780	8.929	347.0	173.0	112.0
hqc256	5.263	10.632	16.557	190.0	94.1	60.4
p256_kyber512	0.216	0.102	0.177	4629.0	9843.0	5658.0
p384_kyber768	0.385	0.643	0.615	2595.0	1556.0	1627.0
p521_kyber1024	0.332	0.519	0.499	3016.0	1925.0	2003.0
x25519_kyber512	0.042	0.068	0.065	23872.7	14685.0	15281.0
x25519_kyber768	0.049	0.076	0.072	20214.1	13228.0	13800.0
x448_kyber768	0.185	0.320	0.313	5409.0	3123.0	3196.0

End time: 2024-07-23 15:28:24