

final

Test	wasmer-singlepass	wasmtime	wasmer	lucet	wasmer-llvm	wasmer09-llvm	wasm	native
aead_chacha20poly1305	100.0	56.84	52.68	50.68	57.74	34.52	25.01	17.66
aead_chacha20poly13052	100.0	54.22	56.76	51.9	58.7	33.44	26.81	21.27
aead_xchacha20poly1305	100.0	46.23	44.77	43.29	47.83	33.23	23.15	18.24
auth	100.0	57.62	51.32	58.19	40.43	30.93	17.69	13.94
auth2	100.0	67.21	72.86	60.55	46.23	37.06	21.11	18.59
auth3	100.0	69.8	65.79	77.19	47.56	39.97	21.8	19.61
auth5	100.0	66.07	58.98	61.82	43.61	32.16	22.48	17.32
auth6	100.0	67.68	67.22	56.26	44.94	44.29	36.65	28.91
auth7	100.0	67.62	58.92	54.81	51.92	33.05	21.01	17.32
box	100.0	71.76	75.08	61.35	55.27	42.55	32.02	24.33
box2	63.88	100.0	44.35	43.67	39.35	27.35	20.63	15.02
box7	100.0	78.37	69.53	62.14	54.42	42.56	32.69	11.76
box8	100.0	72.2	68.11	61.09	53.53	42.28	32.27	11.7
box_easy	100.0	70.63	71.99	61.3	53.05	42.42	32.24	11.68
box_easy2	100.0	65.63	62.67	50.25	55.21	49.02	31.18	11.86
box_seal	100.0	76.2	73.48	62.32	51.39	40.3	30.29	15.15
box_seed	100.0	76.41	74.55	85.53	52.58	41.89	28.12	25.57
chacha20	*FAIL*	96.21	98.8	100.0	100.0	61.89	55.55	34.54
codecs	100.0	60.43	62.47	62.4	55.39	38.23	31.23	28.16
core1	100.0	54.84	58.06	64.52	58.06	51.61	45.16	58.06
core2	100.0	53.12	53.12	65.62	59.38	46.88	43.75	50.0
core3	100.0	66.21	64.18	55.23	43.18	35.92	25.26	20.87
core4	50.41	15.7	15.7	45.45	100.0	12.4	11.57	14.05
core5	100.0	56.25	56.25	90.62	84.38	43.75	43.75	56.25
core6	94.59	94.59	51.35	51.35	62.16	43.24	37.84	100.0
core_ed25519	100.0	69.34	66.05	60.41	54.28	41.59	33.44	17.45
core_ristretto255	100.0	70.09	67.56	61.25	55.1	42.78	33.04	18.49
ed25519_convert	100.0	74.24	70.9	63.7	54.26	42.6	31.19	17.26
generichash	100.0	59.02	53.74	49.32	51.27	32.09	24.11	15.7
generichash2	100.0	64.36	56.43	60.56	39.11	31.0	18.87	9.39
generichash3	100.0	53.18	50.28	43.3	37.04	28.96	17.33	8.57
hash	63.84	40.9	100.0	36.57	26.29	31.97	12.91	11.37
hash3	100.0	65.66	81.51	60.38	38.49	36.98	19.25	20.38
kdf	100.0	62.91	52.21	49.0	43.18	31.82	19.62	10.3
keygen	100.0	44.63	42.83	43.72	41.16	26.96	19.08	20.82
kx	100.0	72.26	83.51	61.74	53.01	42.23	32.83	16.01
metamorphic	100.0	61.75	60.13	55.01	46.22	34.07	24.02	16.99
onetimeauth	100.0	59.18	85.71	56.46	84.35	63.27	29.93	40.82
onetimeauth7	100.0	59.71	56.73	54.85	57.68	40.16	35.51	32.67
pwhash_argon2i	100.0	56.24	54.59	33.55	48.62	35.65	23.52	7.83
pwhash_argon2id	100.0	58.47	56.19	34.2	50.58	35.69	23.2	8.25
pwhash_scrypt	100.0	65.75	58.7	48.95	42.76	44.77	25.38	12.08
pwhash_scrypt_ll	100.0	66.02	59.23	48.33	42.54	44.57	25.52	12.87
randombytes	100.0	76.69	73.75	60.79	68.91	47.43	42.17	24.91
scalarmult	100.0	72.77	69.25	68.74	51.67	43.26	30.28	20.26
scalarmult2	100.0	80.5	72.97	67.57	50.38	41.94	28.28	25.68
scalarmult5	100.0	74.73	71.6	63.56	55.31	44.59	33.27	12.17
scalarmult6	100.0	69.93	70.3	62.56	54.95	42.47	34.82	12.19
scalarmult7	100.0	72.6	69.79	63.78	54.34	44.03	32.58	11.96
scalarmult8	100.0	71.44	67.83	62.61	54.28	42.45	32.5	18.24
scalarmult_ed25519	100.0	73.14	71.44	61.73	53.44	42.32	32.38	15.05
scalarmult_ristretto255	100.0	74.41	70.45	62.49	52.42	41.73	30.68	14.45
secretbox	100.0	58.01	70.09	51.36	65.26	43.96	33.08	26.89
secretbox2	100.0	29.18	28.95	29.99	32.76	24.68	15.22	15.22
secretbox7	100.0	58.1	55.52	51.9	56.37	37.45	31.02	16.02
secretbox8	100.0	58.66	56.43	53.14	58.82	39.44	34.84	38.03
secretbox_easy	100.0	64.6	56.36	55.1	57.67	37.83	46.08	23.9
secretbox_easy2	100.0	54.22	56.55	66.65	56.52	46.69	48.52	24.02
secretstream_xchacha20poly1305	*FAIL*	95.61	96.58	89.79	100.0	63.66	55.95	31.7
shorthash	100.0	45.39	54.44	44.2	62.63	42.32	32.94	34.98
siphashx24	100.0	43.26	48.23	51.06	64.54	36.88	35.6	34.89
sodium_utils	100.0	49.97	49.19	42.92	68.04	32.74	28.03	25.94
stream	100.0	66.03	62.42	55.44	45.77	37.0	26.29	17.01
stream2	100.0	65.33	62.28	54.48	42.84	35.7	24.53	20.16
stream3	100.0	64.81	69.44	49.07	51.85	52.78	31.48	47.22
stream4	100.0	51.62	74.73	49.1	55.96	49.46	27.08	24.55
verify1	100.0	53.47	45.45	39.32	38.39	28.03	22.78	14.05
xchacha20	*FAIL*	100.0	90.47	78.6	72.59	54.69	42.07	26.12

