

Intel Core i7-8565U 1.8Ghz	1 Throad	2 Threads	3 Threads	4 Threads		
10	18.83239171	35.21126761	59.88023952			
50	19.94415636	37.67897513	55.0660793			
100	16.35322976	37.48125937	48.7804878			
200	14.19345682	26.69157881	51.96154845			
500	13.0674542	27.48914179	41.81650916			
750	13.77587569	27.70390071	38.97318645			
1000	13.82552191	26.74011284	36.31082062	41.1319513		
ARM Cortex-A72 1.8GHz				4 Threads		
10	2.316	1.158	0.695			
50	11.571	5.782	3.702			
100	23.197	11.575	7.634			
200	46.317	23.122	15.269	11.576		
500	115.762	57.874	38.391	28.911		
750	173.641	86.825	57.799	43.796	Encryption Speed	Encryption Throughput
1000	231.755	115.725	77.084	57.847	ARM Cortex-A72 1.8GHz	ARM Cortex-A72 1.8GHz
					■ 1 Thread ■ 2 Threads ■ 3 Threads ■ 4 Threads	■ 1 Thread ■ 2 Threads ■ 4 Threads
ARM Cortex-A72 1.8GHz	1 Thread	2 Threads	3 Threads	4 Threads	250	25
10	4.317789292	8.635578584	14.38848921			
50	4.321147697	8.647526807	13.50621286		200	20
100	4.310902272	8.639308855	13.09929264			
200	4.31806896	8.649770781	13.09843474		ā 150	15 15 10 10 10 10 10 10 10 10 10 10 10 10 10
					(*) E 100	ate ((
500	4.319206648	8.639458133	13.02388581	17.2944554	E 100	<u>e</u> 10
750	4.319256397	8.638065073	12.97600305			Data
1000	4.314901512	8.6411752	12.97286078	17.28698117	50	5
					200 400 600 800 1000	200 400 600 800 1000
				4 Threads		
10	2.254	1.129	0.678		Data(MB)	Data(MB)
50	11.256	5.631	3.604			
100	22.525	11.274	7.432	5.674		
200	45.028	22.517	14.867	11.26		
500	112.63	56.269	37.363	28.169	Decryption Speed	Decryption Throughput
750	168.829	84.434	56.276	42.872		
1000	225.093	112.562	74.971	56.327	ARM Cortex-A72 1.8GHz	ARM Cortex-A72 1.8GHz
					- 1 Thread - 2 Threads - 3 Threads - 4 Threads	- 1 Thread - 2 Threads - 3 Threads - 4 Threads
					250	25
			0 Th	4 Threads		
ARM Cortex-A72 1.8GHz	1 Thread	2 Threads	3 Threads			
				22.172949	200	20
10	4.436557232	8.857395926	14.74926254		200	
10 50	4.436557232 4.442075338	8.857395926 8.87941751	14.74926254 13.87347392	18.12250816	450	
10 50 100	4.436557232 4.442075338 4.439511654	8.857395926 8.87941751 8.869966294	14.74926254 13.87347392 13.45532831	18.12250816 17.62425097	450	
10 50 100 200	4.436557232 4.442075338 4.439511654 4.441680732	8.857395926 8.87941751 8.869966294 8.88217791	14.74926254 13.87347392 13.45532831 13.45261317	18.12250816 17.62425097 17.76198934		15 10
10 50 100 200 500	4.436557232 4.442075338 4.439511654 4.441680732 4.43931457	8.857395926 8.87941751 8.869966294 8.88217791 8.885887434	14.74926254 13.87347392 13.45532831 13.45261317 13.38222305	18.12250816 17.62425097 17.76198934 17.75000888	150 (g) (E) 100	
10 50 100 200 500 750	4.436557232 4.442075338 4.439511654 4.441680732 4.43931457 4.44236476	8.857395926 8.87941751 8.869966294 8.88217791 8.885887434 8.882677594	14.74926254 13.87347392 13.45532831 13.45261317 13.38222305 13.32717322	18.12250816 17.62425097 17.76198934 17.75000888 17.49393544	450	15 10
10 50 100 200 500	4.436557232 4.442075338 4.439511654 4.441680732 4.43931457	8.857395926 8.87941751 8.869966294 8.88217791 8.885887434	14.74926254 13.87347392 13.45532831 13.45261317 13.38222305	18.12250816 17.62425097 17.76198934 17.75000888 17.49393544	150 (g) (E) 100	15 10
10 50 100 200 500 750	4.436557232 4.442075338 4.439511654 4.441680732 4.43931457 4.44236476	8.857395926 8.87941751 8.869966294 8.88217791 8.885887434 8.882677594	14.74926254 13.87347392 13.45532831 13.45261317 13.38222305 13.32717322	18.12250816 17.62425097 17.76198934 17.75000888 17.49393544	150 (9) (10) 50	15 10 10 10 10 10 10 10 10 10 10 10 10 10
10 50 100 200 500 750	4.436557232 4.442075338 4.439511654 4.441680732 4.43931457 4.44236476	8.857395926 8.87941751 8.869966294 8.88217791 8.885887434 8.882677594	14.74926254 13.87347392 13.45532831 13.45261317 13.38222305 13.32717322	18.12250816 17.62425097 17.76198934 17.75000888 17.49393544	150 (g) (E) 100	15 10
10 50 100 200 500 750	4.436557232 4.442075338 4.439511654 4.441680732 4.43931457 4.44236476	8.857395926 8.87941751 8.869966294 8.88217791 8.885887434 8.882677594	14.74926254 13.87347392 13.45532831 13.45261317 13.38222305 13.32717322	18.12250816 17.62425097 17.76198934 17.75000888 17.49393544	150 (9) (10) 50	15 10 10 10 10 10 10 10 10 10 10 10 10 10