

THREADS	EXECUTION TIME (s)	SpeedUp	Efficiency
1	22.112	-----	-----
2	12.524	1.765570105	0.339532713
3	8.914	2.480592327	0.477036986
4	8.064	2.742063492	0.527319902
5	7.073	3.126254772	0.601202841
6	6.586	3.357424841	0.645658623
7	6.04	3.660927152	0.704024452
8	5.718	3.867086394	0.74367046

Number of physical cores : 4  
 Hyperthreading factor: 1.3  
 Hyperthreading: Enabled  
 $M = 4 * 1.3 = 5.2$