

Matrix Size	Processors	Bcast Time (s)	Scatter Time (s)	Calculate Time (s)	Gather Time (s)
40000 x 40000	1	1.7798E-06	2.467179588	5.830692186	6.94492E-05
40001 x 40000	2	0.004155037	4.138134762	2.91646044	0.023858442
40002 x 40000	4	0.013031695	5.037247797	1.475922424	0.000812803
40003 x 40000	6	0.012870877	5.279241316	0.987388879	0.001025404
40004 x 40000	8	0.012541324	5.46494339	0.741074571	0.565055576
40005 x 40000	10	0.013470252	5.527875976	0.603654223	0.001655473

