

Matrix Size	Processors	Bcast Time (s)	Scatter Time (s)	Calculate Time (s)	Gather Time (s)
30000 x 30000	1	0.00000183	1.370636068	3.259893057	5.94184E-05
30000 x 30000	2	0.006957567	2.305656567	1.684802434	0.000497424
30000 x 30000	4	0.010851687	2.840069995	0.838556976	0.000814417
30000 x 30000	6	0.008534513	3.004216172	0.548196192	0.001115644
30000 x 30000	8	0.008350667	3.092501948	0.421469876	0.001454748
30000 x 30000	10	0.009539371	3.196405515	0.338134222	0.001702372

