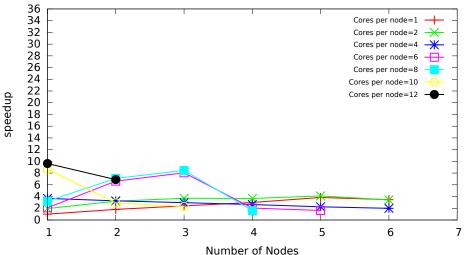
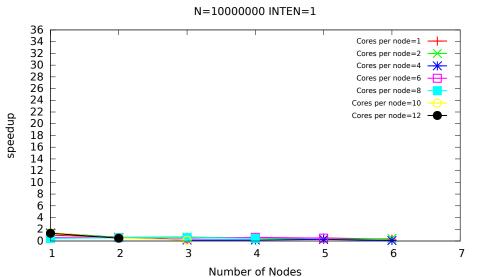


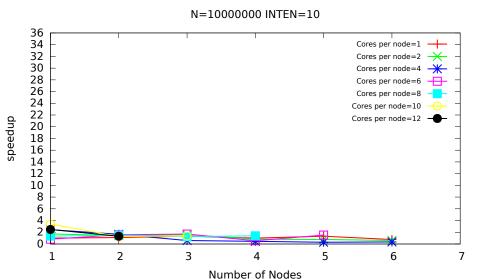
#### N=1000000 INTEN=100 34 Cores per node=1 Cores per node=2 -X Cores per node=4 Cores per node=6 Cores per node=8 Cores per node=10 Cores per node=12 speedup

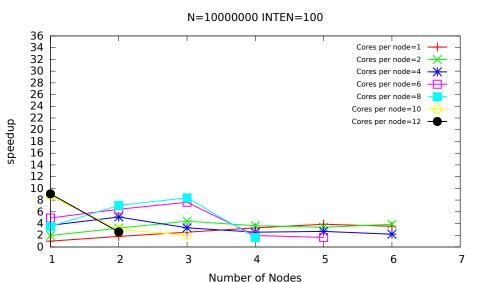
Number of Nodes

# N=1000000 INTEN=1000

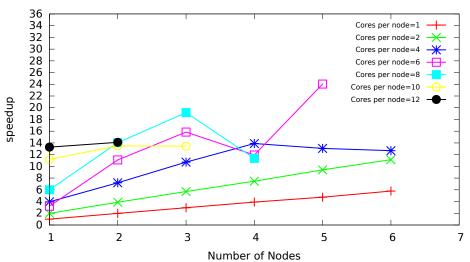








### N=10000000 INTEN=1000



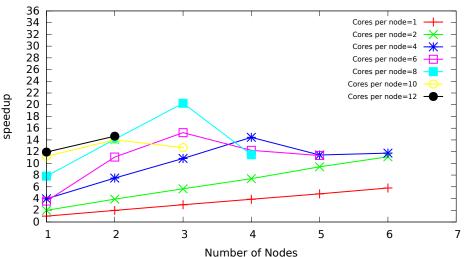
#### N=100000000 INTEN=1 36 34 Cores per node=1 32 Cores per node=2 30 Cores per node=4 28 Cores per node=6 26 Cores per node=8 24 Cores per node=10 22 Cores per node=12 speedup 20 18 16 14 12 10 8 6

Number of Nodes

#### N=100000000 INTEN=10 34 Cores per node=1 Cores per node=2 Cores per node=4 Cores per node=6 Cores per node=8 Cores per node=10 Cores per node=12 speedup

Number of Nodes

## N=100000000 INTEN=100



#### N=10000000 INTEN=1000

