| Nodes | Ranks | Run 1 | Run 2 | Run 3 | Run 4 | Run 5 | Run 6 | Run 7 | Run 8 | Run 9 | Run 10 | Average (TN) | Speedup (T1/TN) | Ideal Speedup |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64 | 37.11 | 36.57 | 36.6 | 36.57 | 37.01 | 37.68 | 37.16 | 38 | 37.56 | 37.13 | **37.14 s** | 1 | 1 |
| 2 | 128 | 21.3 | 20.94 | 21.45 | 20.7 | 20.94 | 20.58 | 21.13 | 21.1 | 21.06 | 20.91 | **21.01 s** | 1.77 | 2 |
| 4 | 256 | 12.88 | 12.86 | 12.59 | 12.55 | 12.55 | 12.7 | 12.85 | 13 | 12.7 | 12.61 | **12.73 s** | 2.92 | 4 |
| 6 | 384 | 9.9 | 10.13 | 9.95 | 9.9 | 10 | 9.98 | 10.03 | 9.88 | 9.87 | 9.95 | **9.96 s** | 3.73 | 6 |
| 8 | 512 | 8.68 | 8.77 | 8.74 | 8.91 | 8.6 | 8.86 | 9.6 | 8.84 | 8.7 | 8.58 | **8.83 s** | 4.21 | 8 |



Calculated Speedup vs Ideal Speedup (matmul.c)