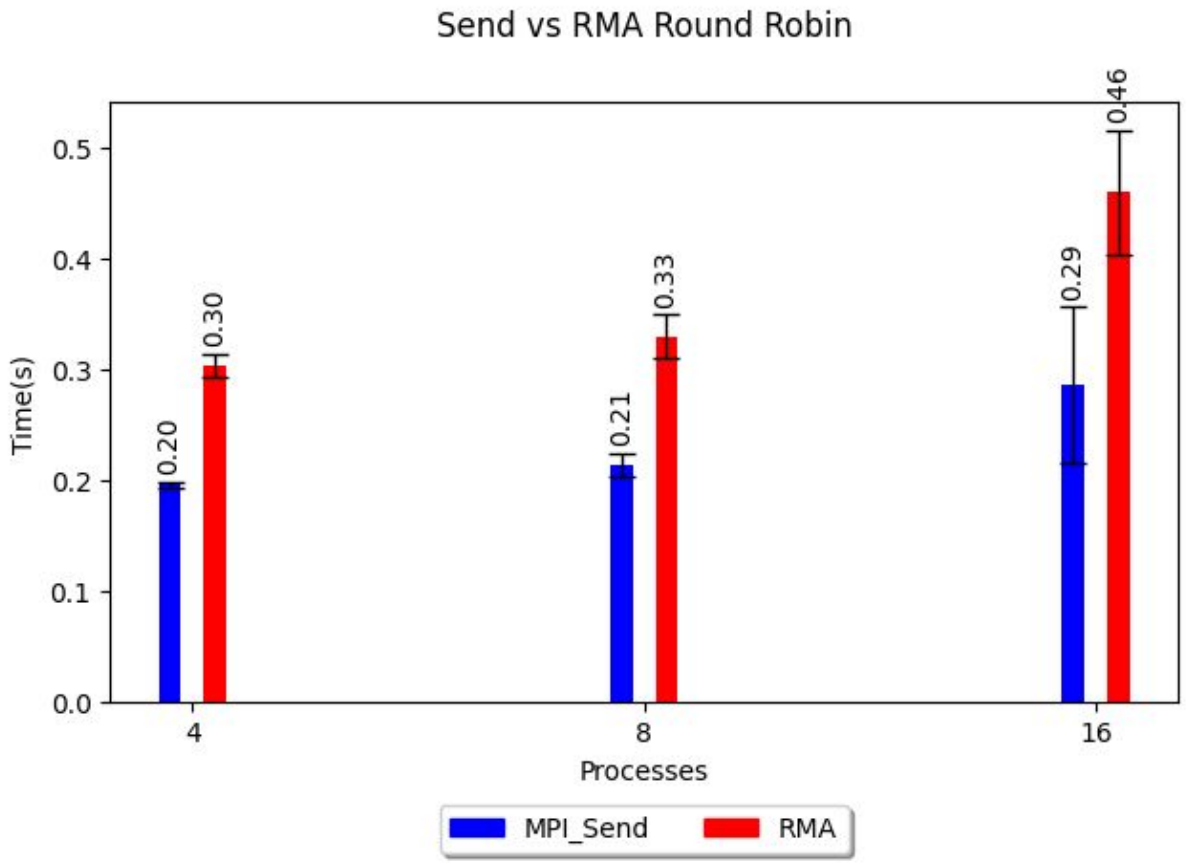
MACHINE - 231

3:1

Weak Scaling

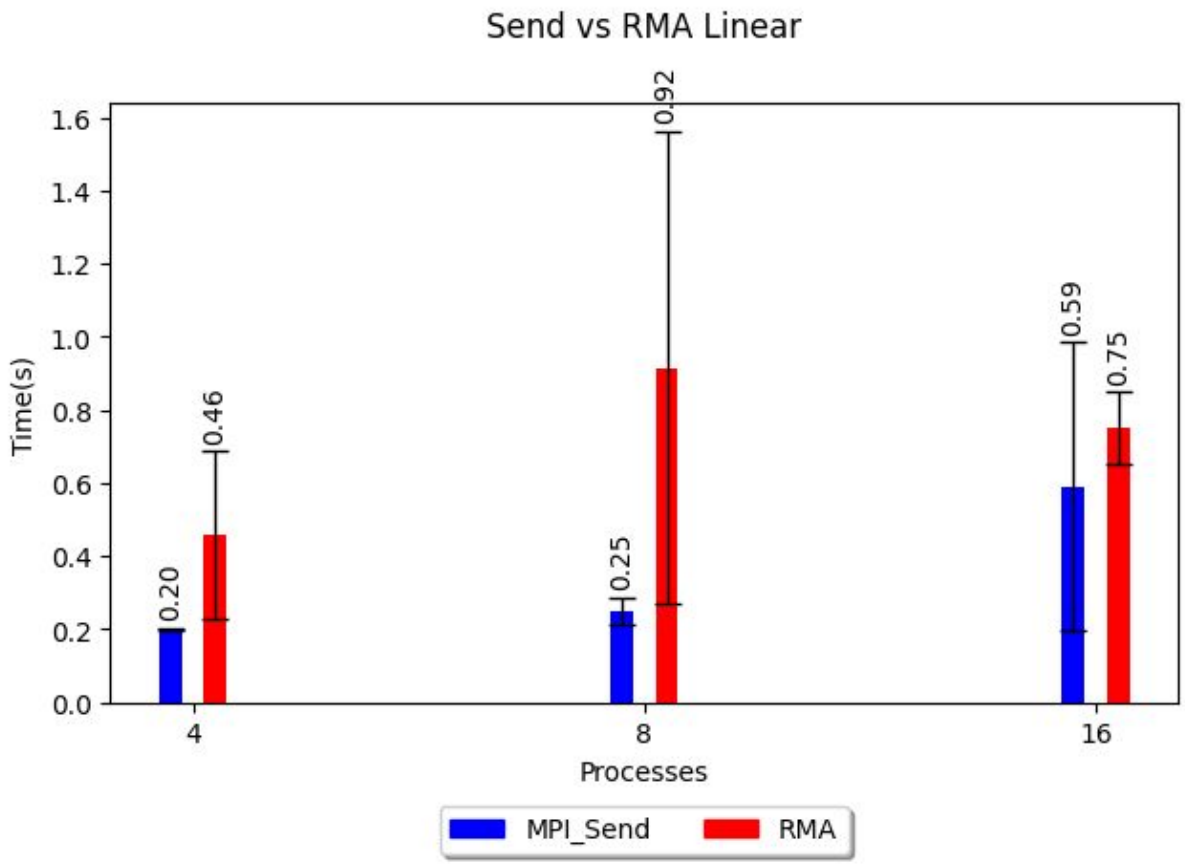
Allocation - Round Robin Allocation

SImulation Processes	Analysis Process	Atoms
3	1	2097152
6	2	4194304
12	4	8388608



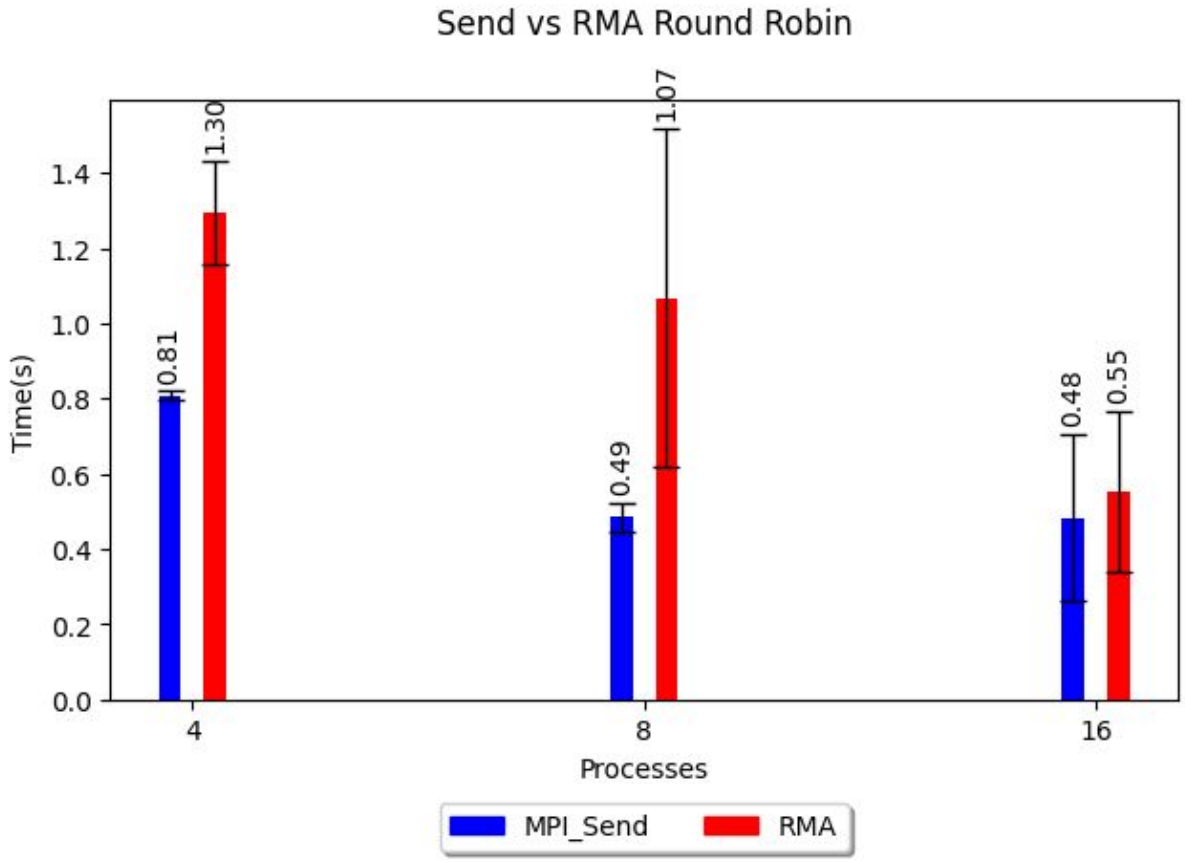
3:1
Weak Scaling
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
3	1	2097152
6	2	4194304
12	4	8388608



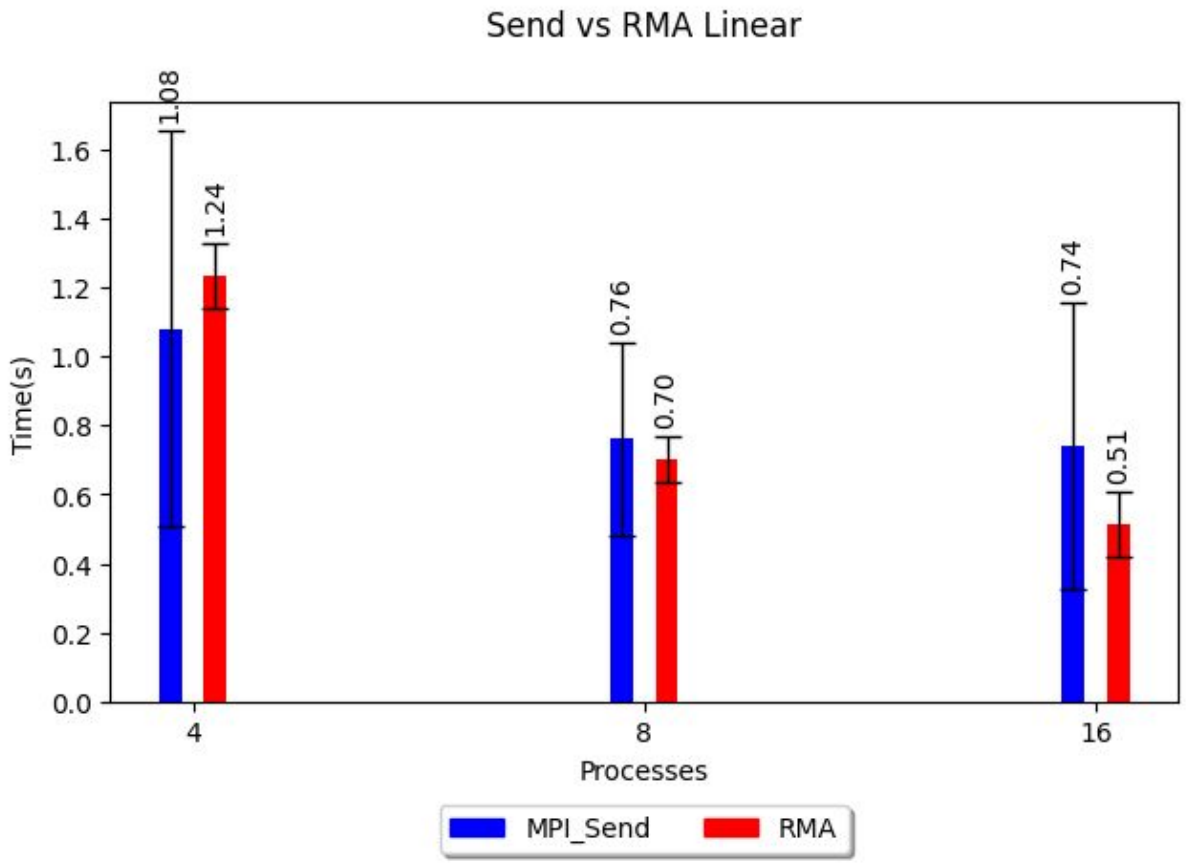
3:1
Strong Scaling
Allocation - Round Robin Allocation

SImulation Processes	Analysis Process	Atoms
3	1	8388608
6	2	8388608
12	4	8388608



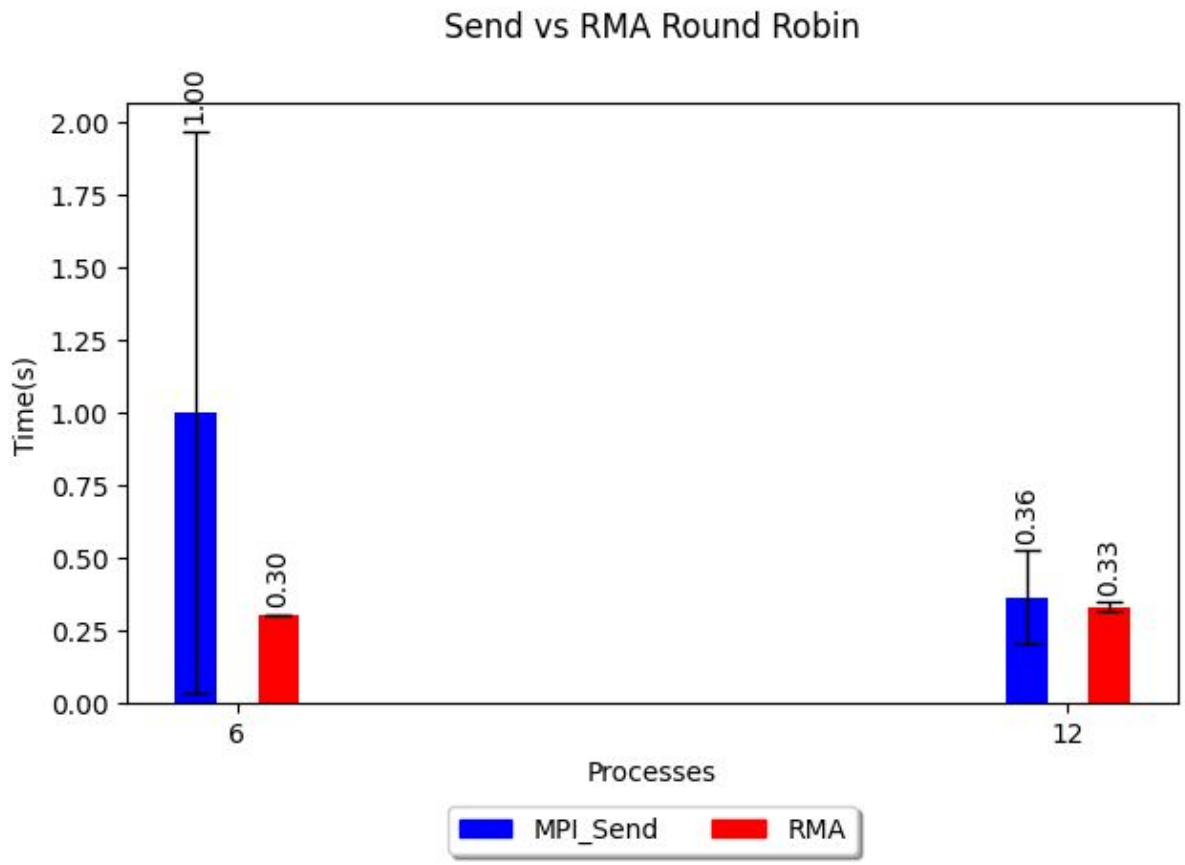
3:1
Strong Scaling
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
3	1	8388608
6	2	8388608
12	4	8388608



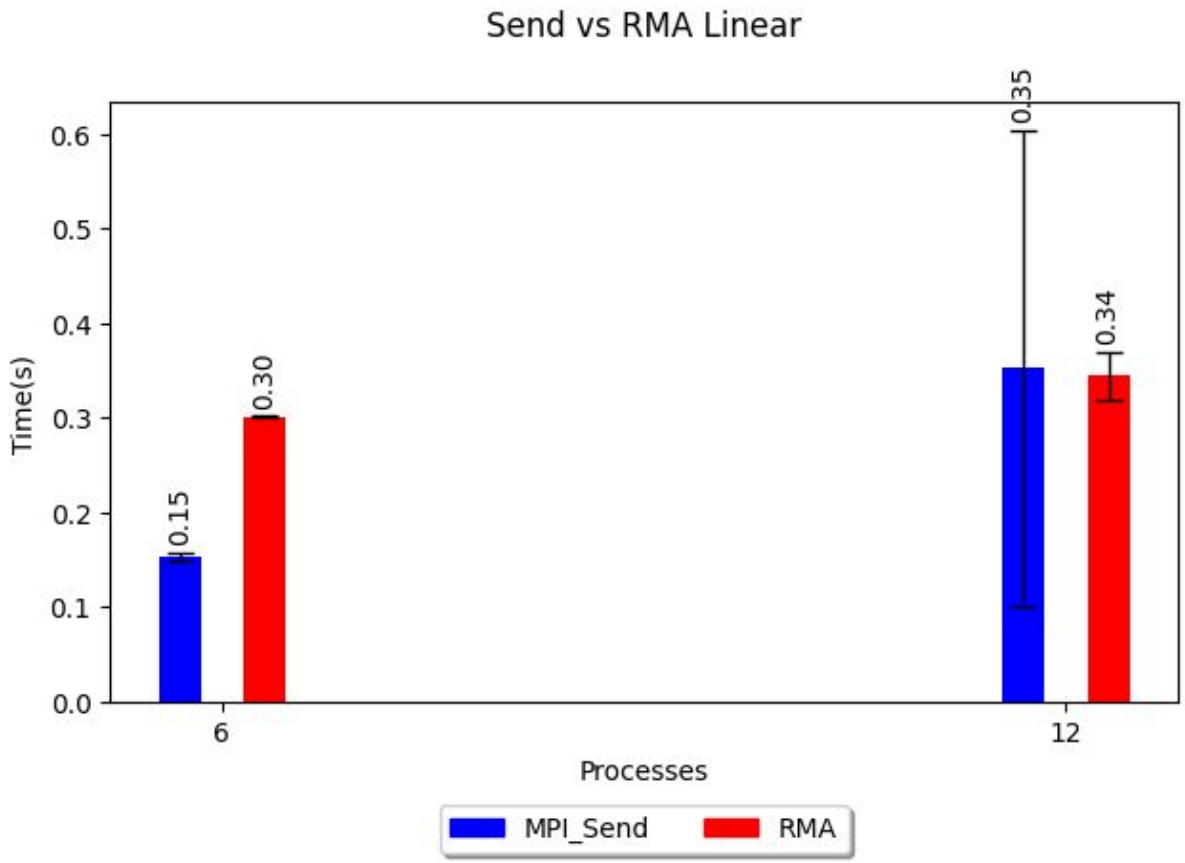
Ratio - 5:1
Weak scaling
Allocation - Round Robin

SImulation Processes	Analysis Process	Atoms
5	1	2097152
12	4	4194304



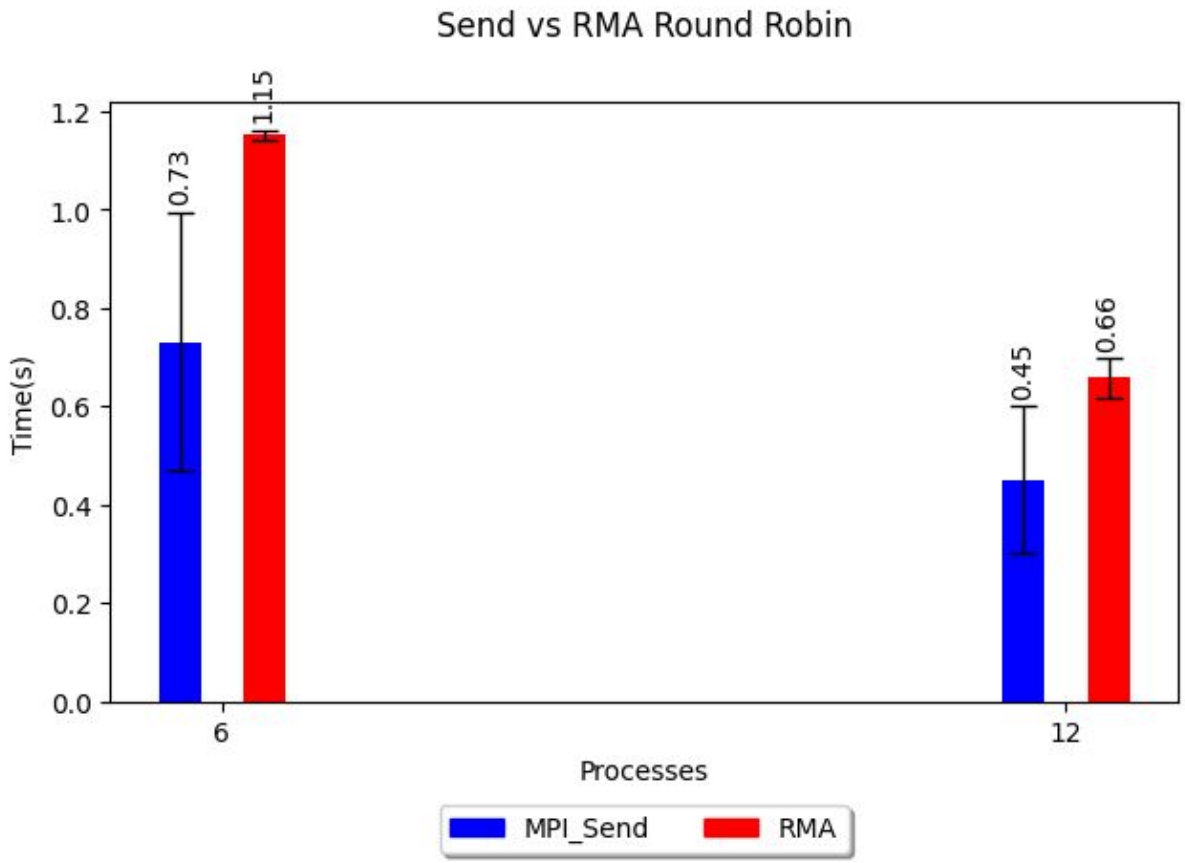
Ratio - 5:1
Weak scaling
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
5	1	2097152
12	4	4194304



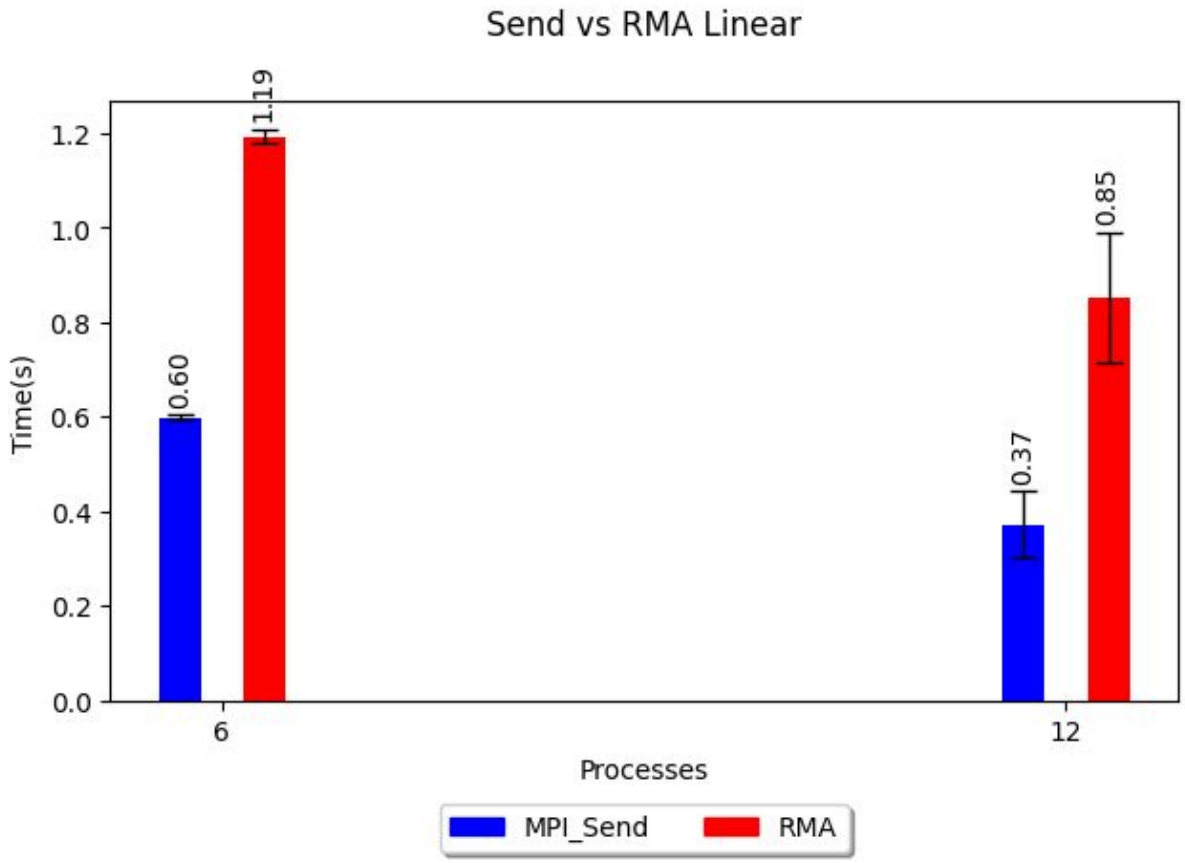
Ratio - 5:1
Strong scaling
Allocation - Round Robin

SImulation Processes	Analysis Process	Atoms
5	1	8388608
12	4	8388608



Ratio - 5:1
Strong scaling
Allocation - Linear

SImulation Processes	Analysis Process	Atoms
5	1	8388608
12	4	8388608



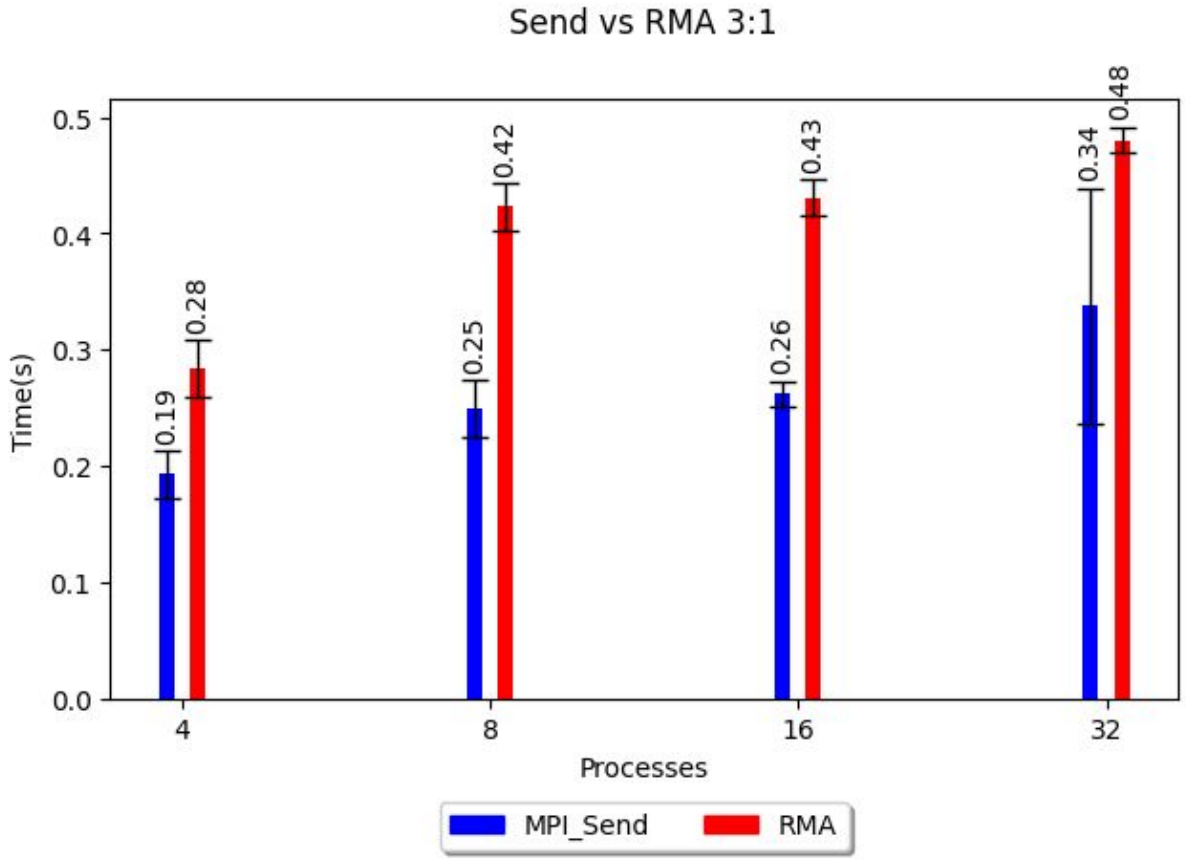
Send - 0.017891
RMA - 0.020842

Cluster

3:1

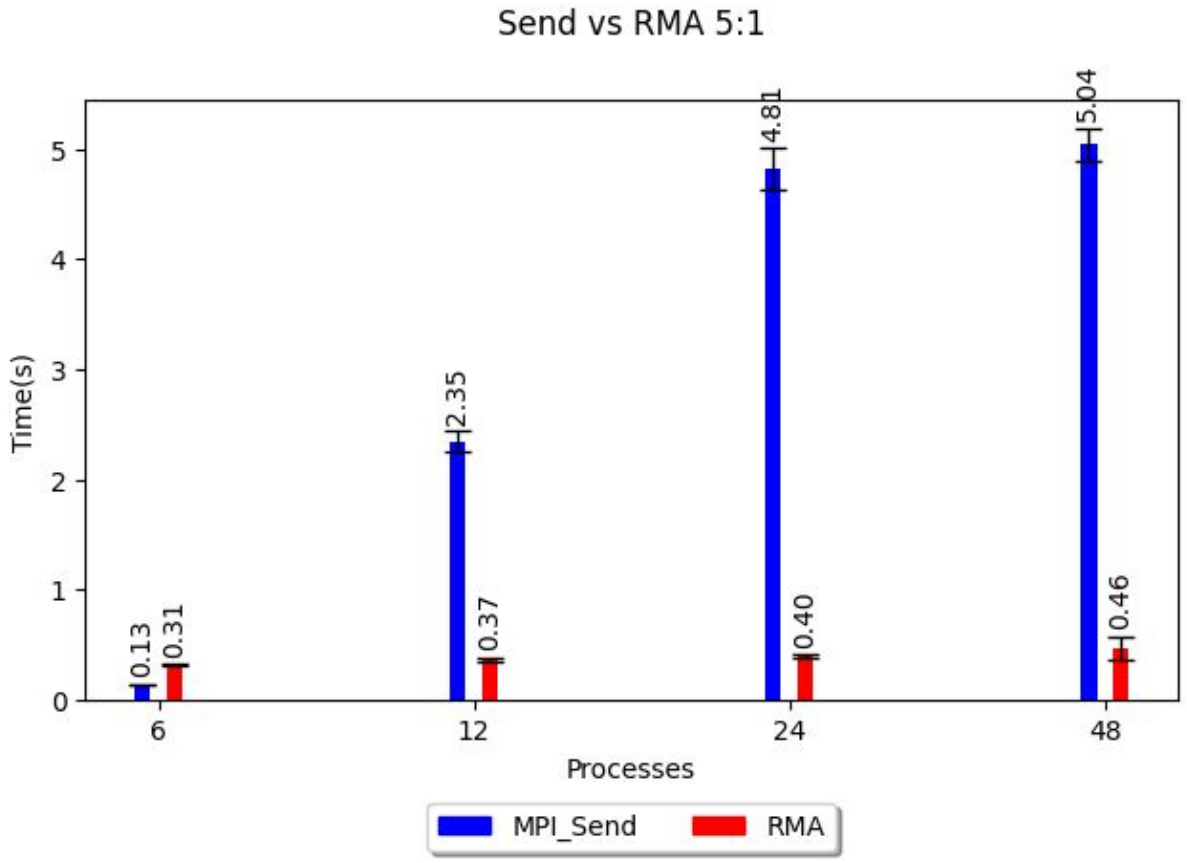
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
3	1	2097152
6	2	4194304
12	4	8388608
24	8	16777216



5:1
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
5	1	2097152
10	2	4194304
20	4	8388608
40	8	16777216



SEND - 0.024962
RMA - 0.026890

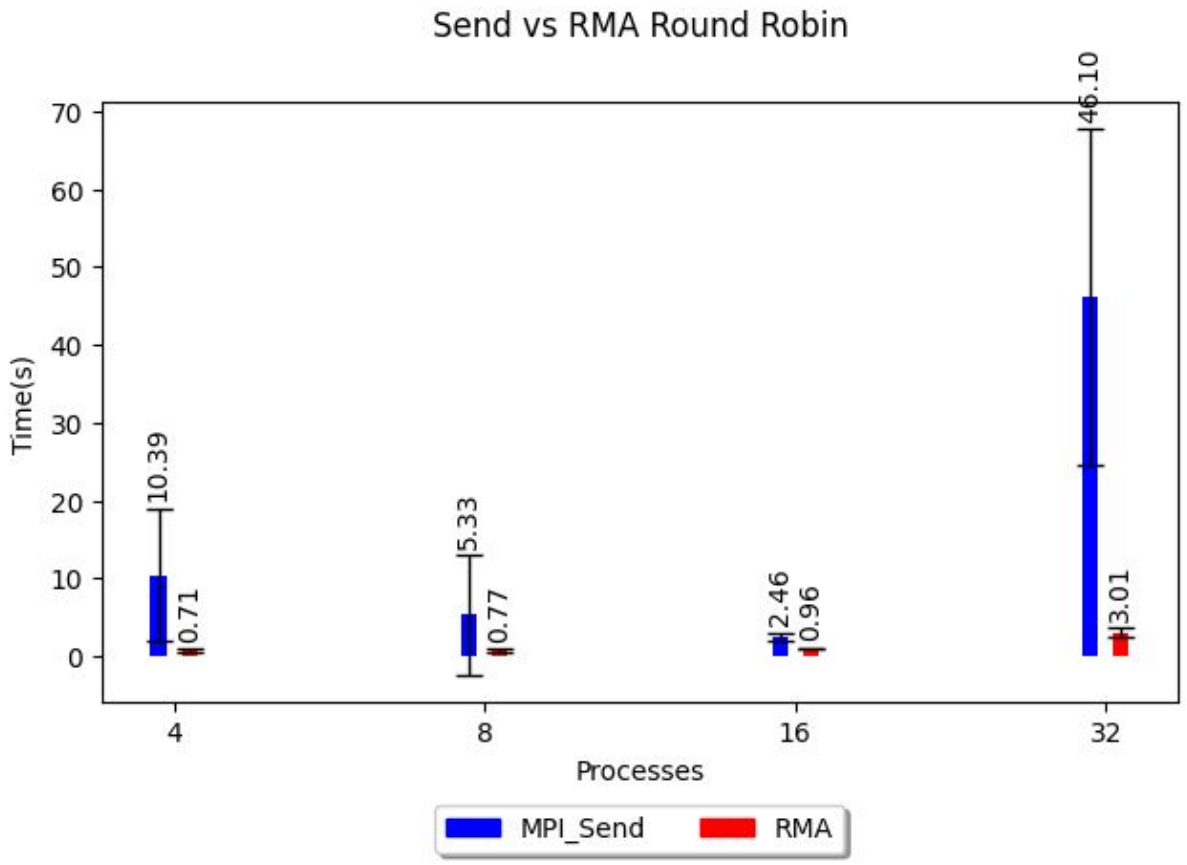
MACHINE 218

3:1

Weak Scaling

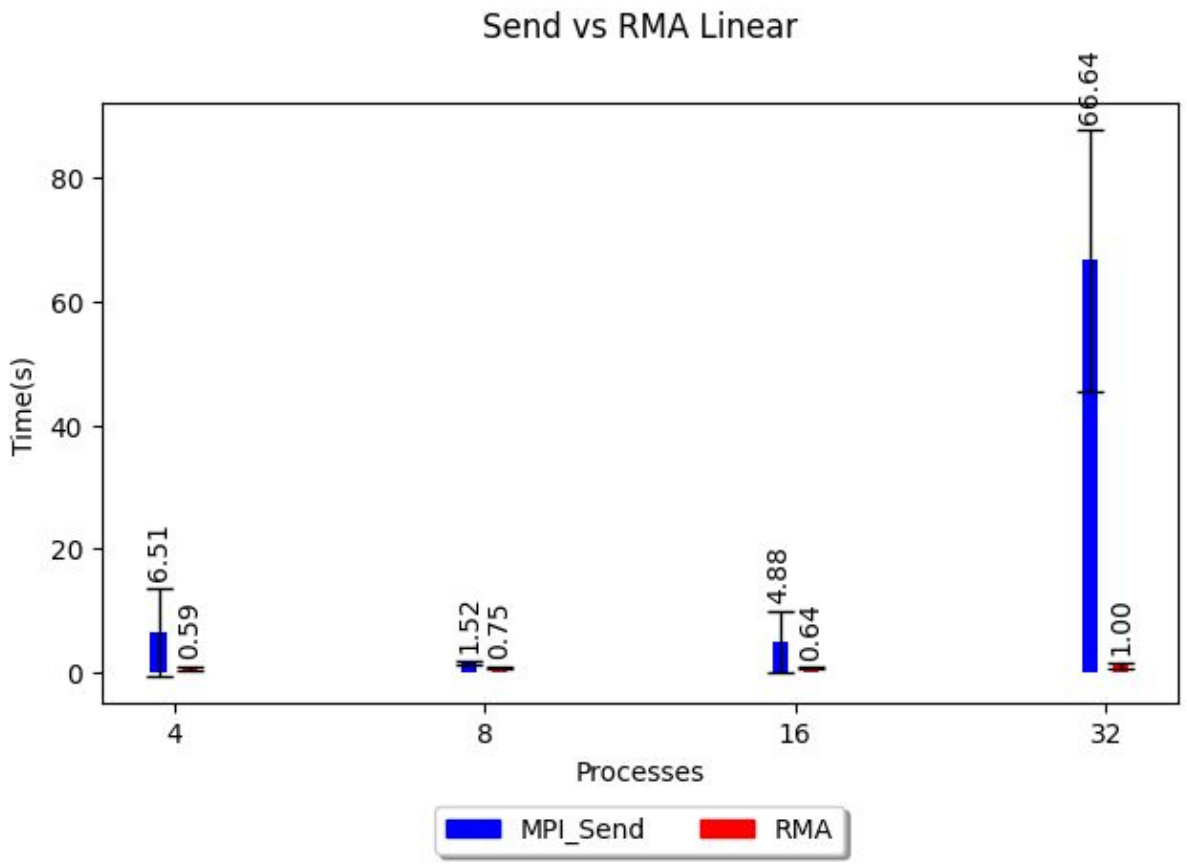
Allocation - Round Robin Allocation

SImulation Processes	Analysis Process	Atoms
3	1	2097152
6	2	4194304
12	4	8388608



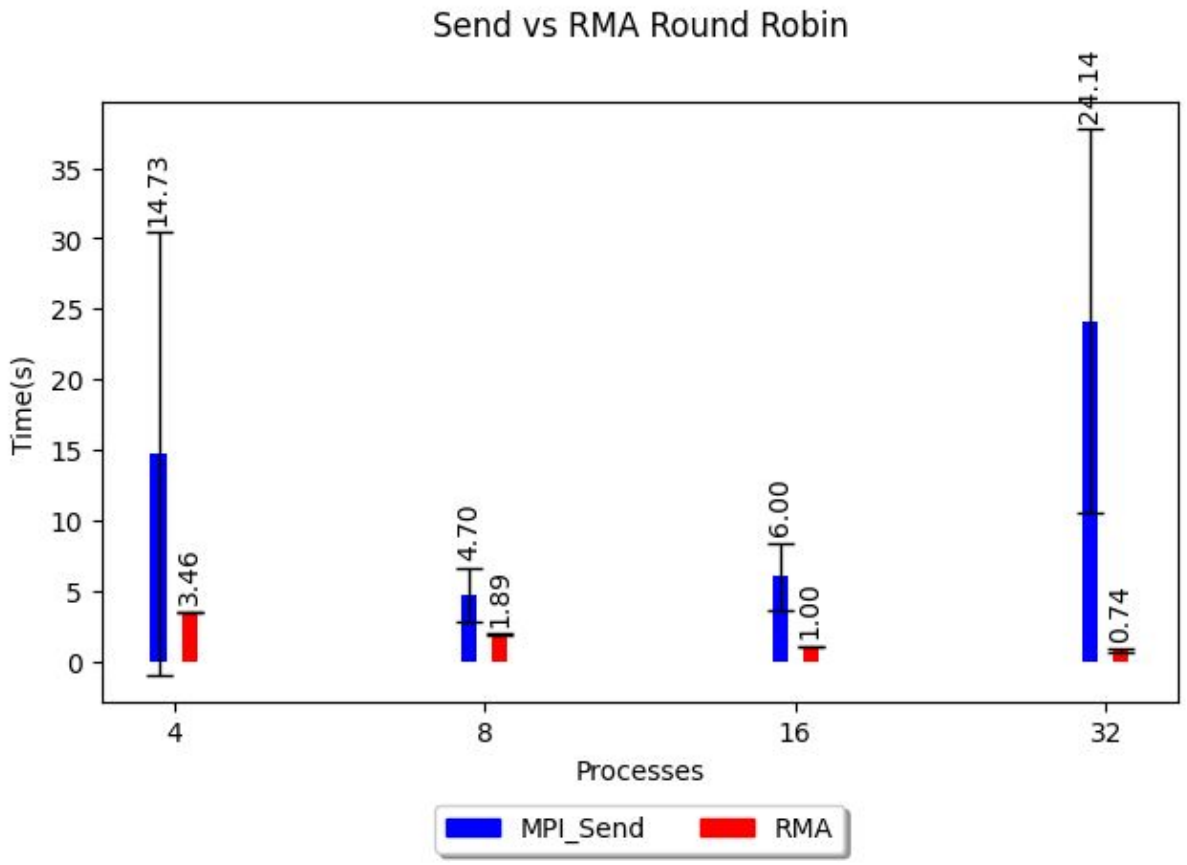
3:1
Weak Scaling
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
3	1	2097152
6	2	4194304
12	4	8388608



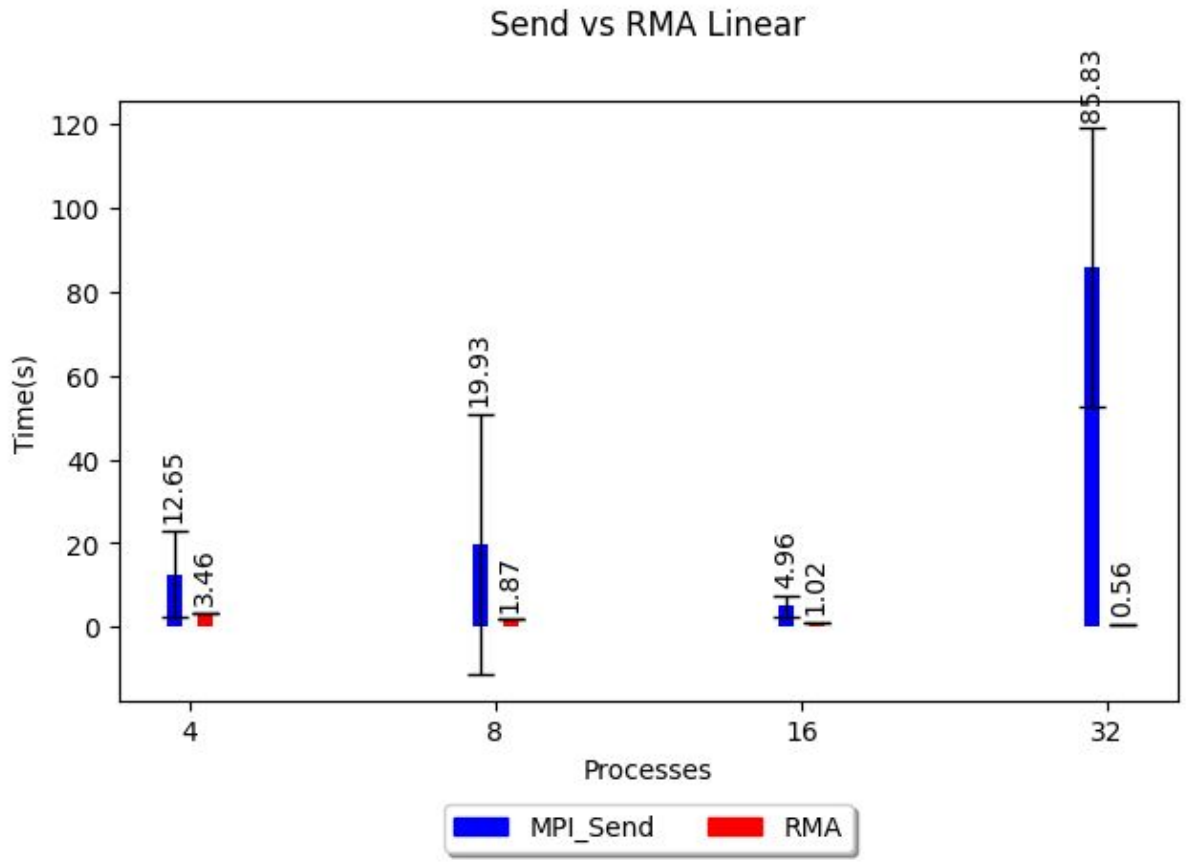
3:1
Strong Scaling
Allocation - Round Robin Allocation

SImulation Processes	Analysis Process	Atoms
3	1	8388608
6	2	8388608
12	4	8388608



3:1
Strong Scaling
Allocation - Linear Allocation

SImulation Processes	Analysis Process	Atoms
3	1	8388608
6	2	8388608
12	4	8388608



SEND - 0.036721
RMA - 0.044005

HPC

SEND - 0.015965
RMA - 0.000017