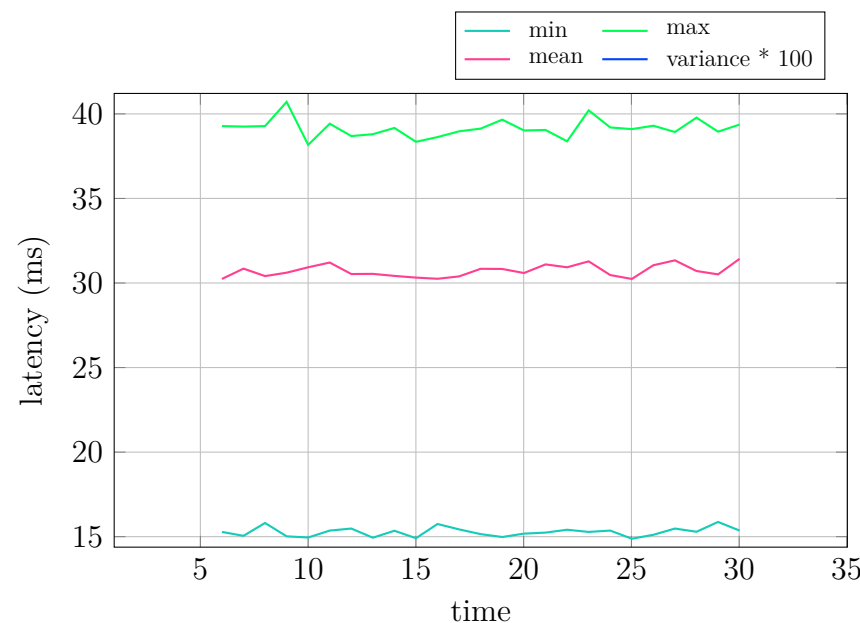
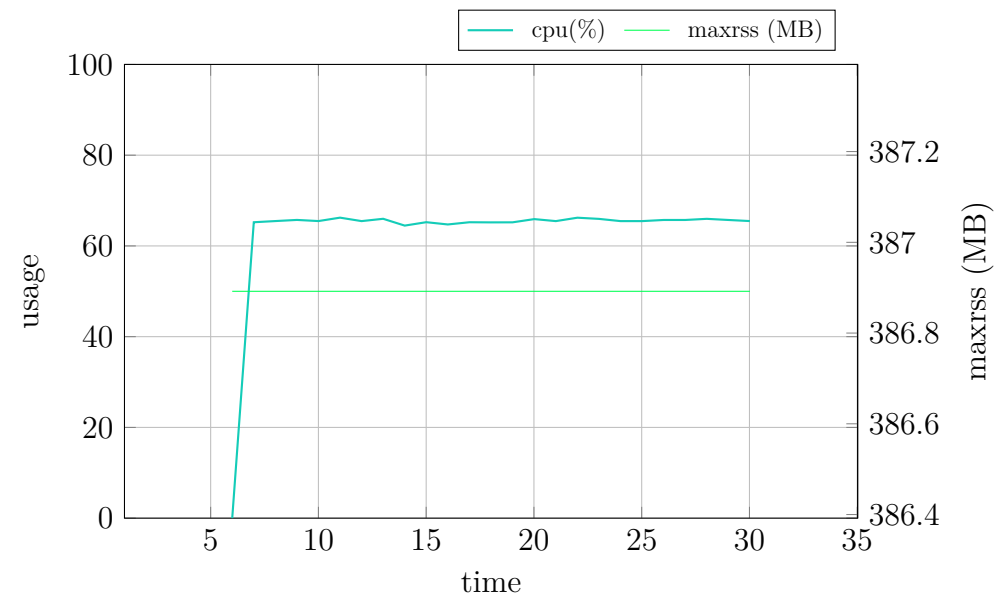


# Performance fastrtps

Logfile name	28df2a21-e560-4331-906c-500fc0454435.csv
Experiment id	a9327e95-f6a1-4eae-ae00-4aa8ed45e8a3
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0005
received	190.0
sent	19.04
lost	0.0
relative_loss	0.0
data_received	838704681.56
latency_min (ms)	15.2768
latency_max (ms)	39.152
latency_mean (ms)	30.7208
latency_variance (ms)	0.0304
pub_loop_res_min (ms)	46.0544
pub_loop_res_max (ms)	46.6824
pub_loop_res_mean (ms)	46.4696
pub_loop_res_variance (ms)	0.0
sub_loop_res_min (ms)	0.0
sub_loop_res_max (ms)	0.0
sub_loop_res_mean (ms)	0.0
sub_loop_res_variance (ms)	0.0
cpu_usage (%)	62.91
max_ram_usage (MB)	386.89

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	100
QOS History kind	KEEP_LAST
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0