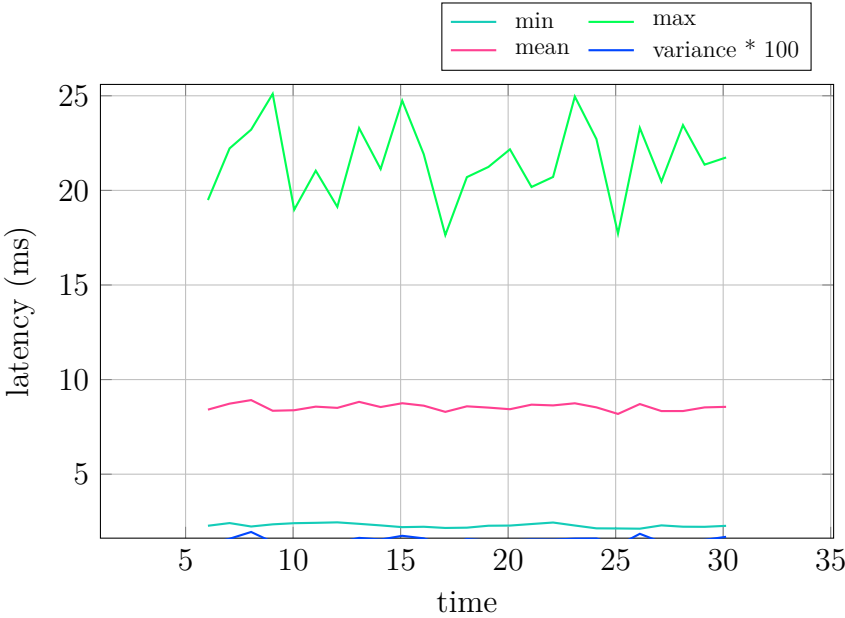
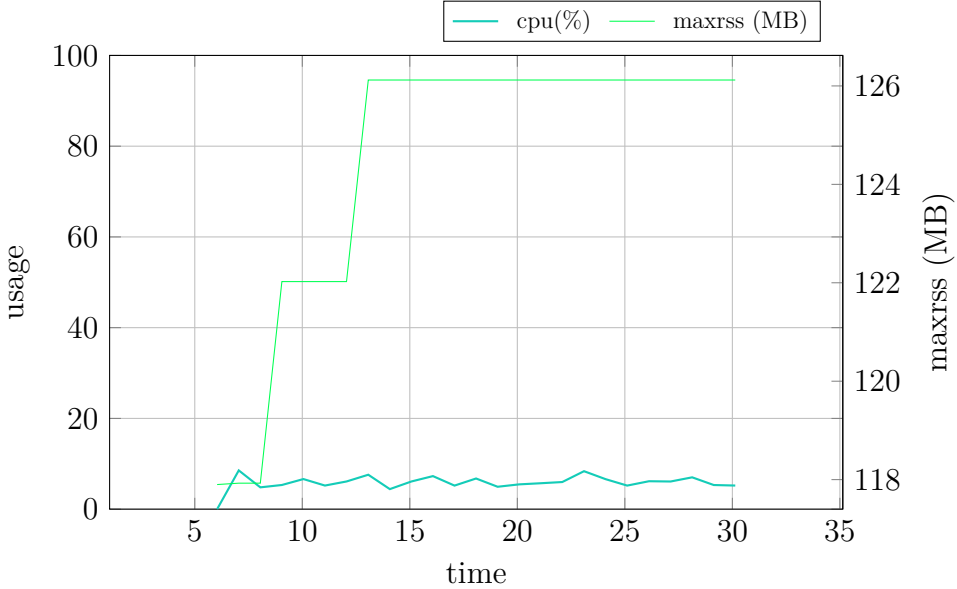


# Performance fastrtps

Logfile name	68fc1595-0a6a-4a06-8a4c-cb99600ac3ae.csv
Experiment id	099bd7fd-f08f-4970-9c9b-0d2c06c869b3
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0044
received	1498.32
sent	499.44
lost	0.0
relative_loss	0.0
data_received	6295196292.64
latency_min (ms)	2.2816
latency_max (ms)	21.5436
latency_mean (ms)	8.5473
latency_variance (ms)	0.0153
pub_loop_res_min (ms)	-13.9192
pub_loop_res_max (ms)	1.8153
pub_loop_res_mean (ms)	-5.1831
pub_loop_res_variance (ms)	0.0164
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 (%)	5.8393
max_ram_usage (MB)	126.12

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