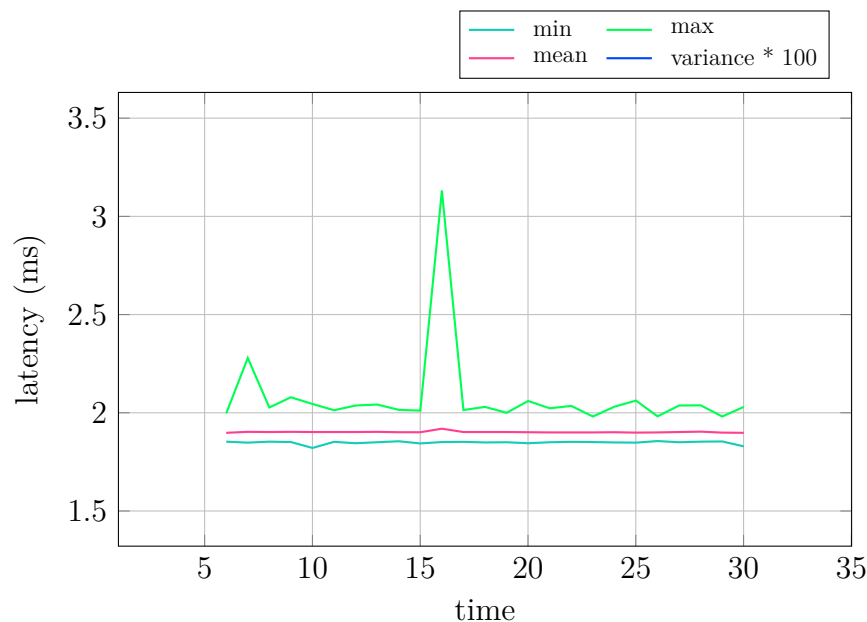
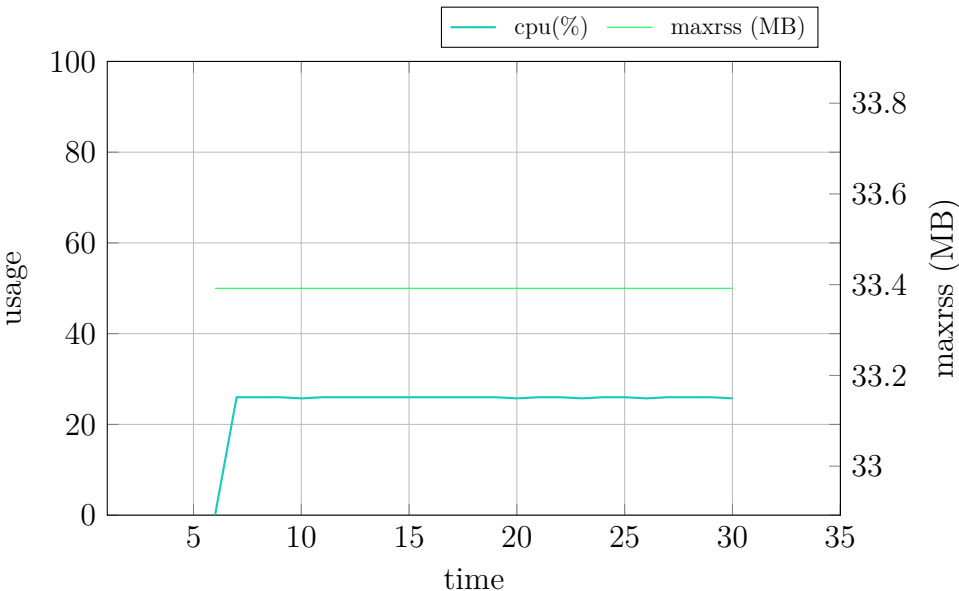


# Performance fastrtps

Logfile name	97903a7e-d13e-4406-ac4c-404d5804a3e9.csv
Experiment id	d8869ebe-508c-4633-b71b-ee9efdfdb14a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	499.2
sent	499.2
lost	0.0
relative_loss	0.0
data_received	525502919.36
latency_min (ms)	1.8484
latency_max (ms)	2.0792
latency_mean (ms)	1.9018
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.9508
pub_loop_res_max (ms)	1.1015
pub_loop_res_mean (ms)	1.0748
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 (%)	24.9004
max_ram_usage (MB)	33.39

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud1m
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