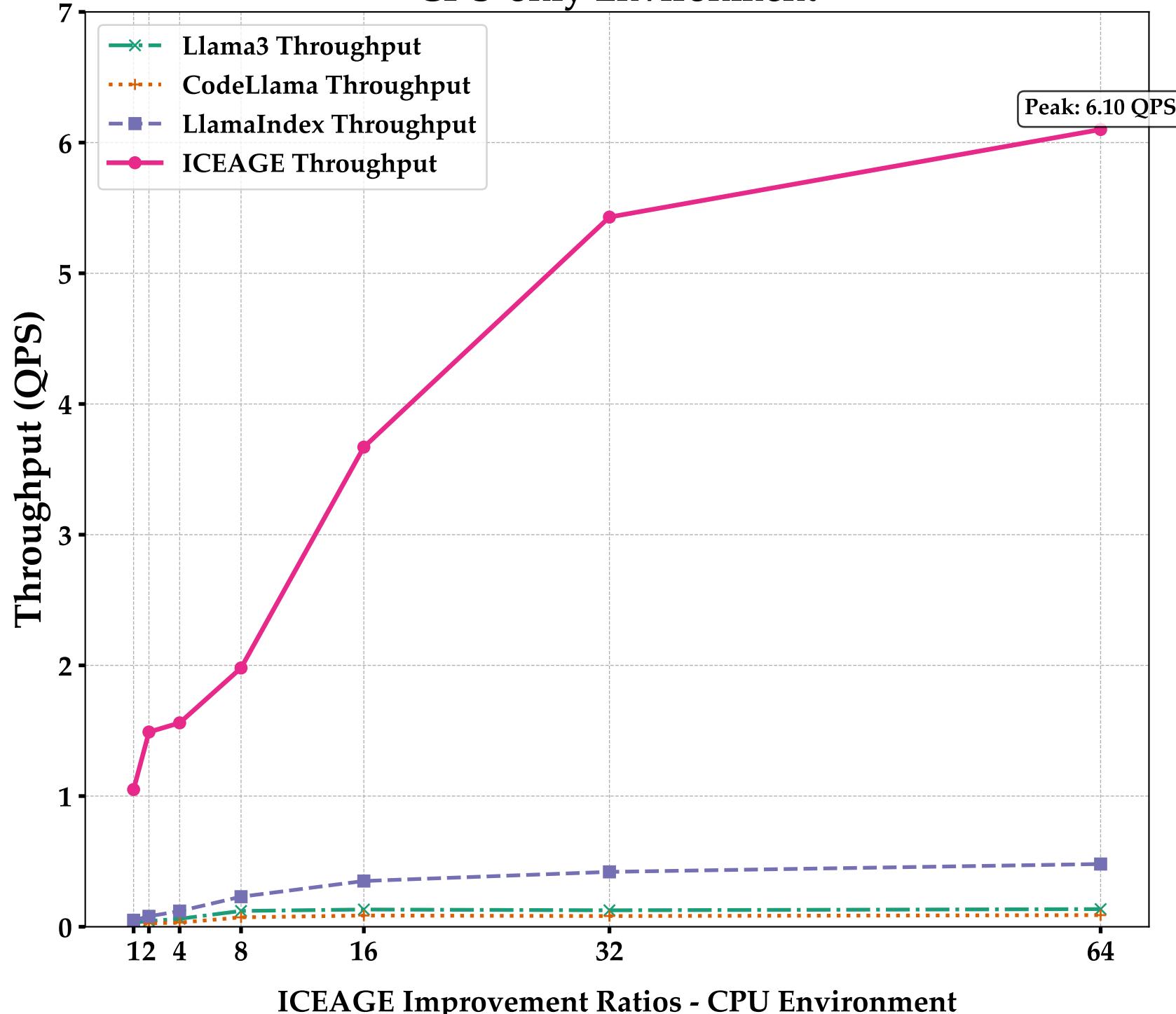
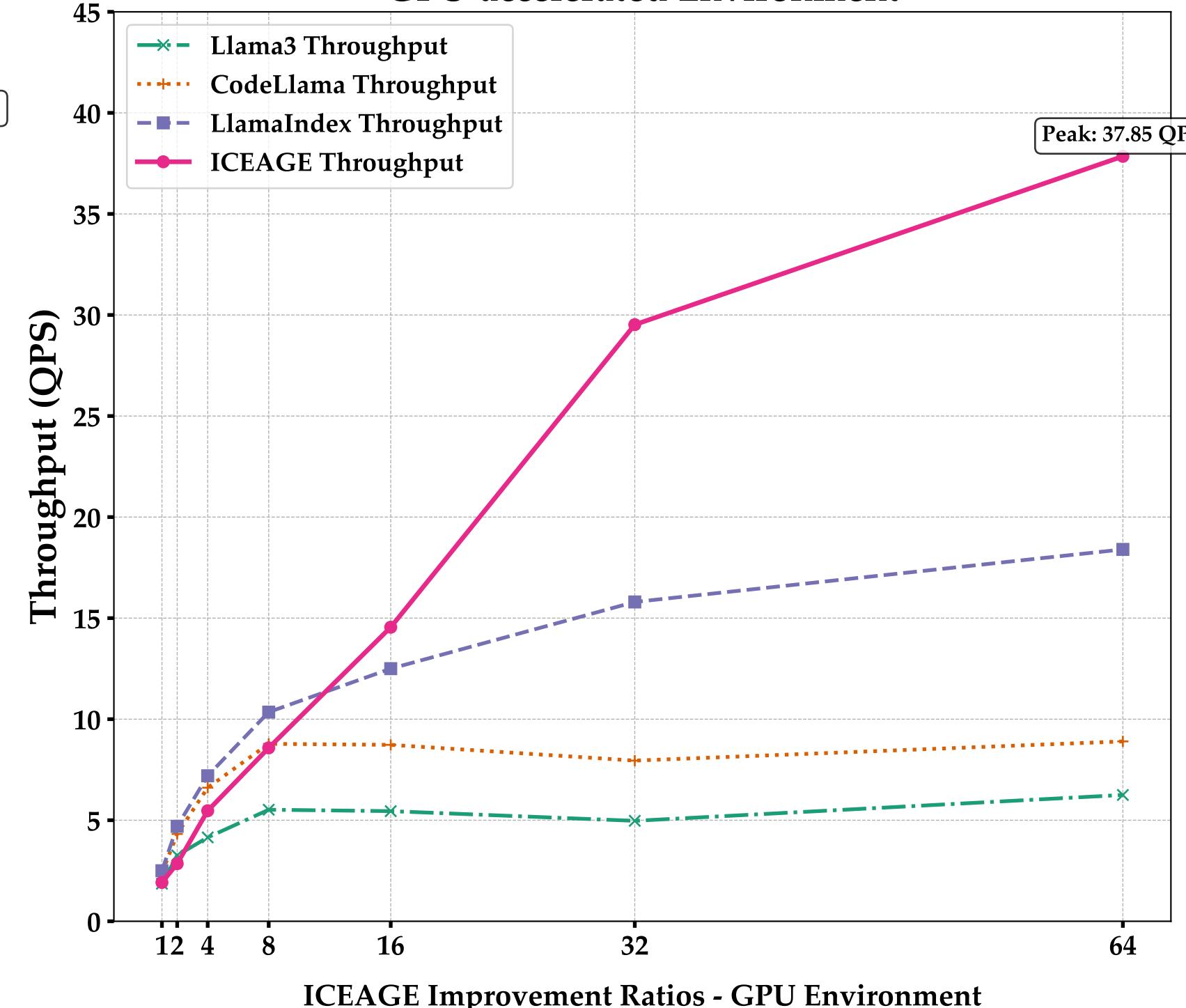


# Throughput Comparison

CPU-only Environment



GPU-accelerated Environment



ICEAGE Improvement Ratios - CPU Environment

Processes	ICEAGE/L3	ICEAGE/CL	ICEAGE/LI
1	33.87x	58.33x	21.00x
2	33.86x	57.31x	18.62x
4	25.57x	48.75x	13.00x
8	16.36x	27.50x	8.61x
16	27.80x	42.67x	10.49x
32	43.10x	66.22x	12.93x
64	45.19x	68.54x	12.71x

ICEAGE Improvement Ratios - GPU Environment

Processes	ICEAGE/L3	ICEAGE/CL	ICEAGE/LI
1	1.03x	0.80x	0.77x
2	0.87x	0.66x	0.61x
4	1.32x	0.83x	0.76x
8	1.55x	0.98x	0.83x
16	2.67x	1.67x	1.16x
32	5.94x	3.71x	1.87x
64	6.06x	4.25x	2.06x