Quantitative results

VastGaussian   **CityGaussian**   **Ours**

Building

Metric	VastGaussian	CityGaussian	Ours
VRAM ↓	10.40	11.20	9.60
Points ↓	13.87	13.05	6.80
Mem ↓	3.20	3.07	1.48
FPS ↑	119.12	125.31	130.18
PSNR ↑	21.32	21.55	22.96

Rubble

Metric	VastGaussian	CityGaussian	Ours
VRAM ↓	10.60	11.20	9.50
Points ↓	9.30	9.60	4.51
Mem ↓	2.30	2.21	1.03
FPS ↑	125.36	126.11	131.12
PSNR ↑	25.20	25.77	25.89

Residence

Metric	VastGaussian	CityGaussian	Ours
VRAM ↓	11.90	12.30	9.80
Points ↓	9.36	10.80	4.59
Mem ↓	2.16	2.49	1.05
FPS ↑	109.86	100.91	121.56
PSNR ↑	21.01	22.00	22.19

Results vs Metrics