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1. Postshot 1.0.1: Training Radiance Field with image poses and PLY file

Colmap 50 jpg 61MP images, **7 MB**, 6336x9504, SONY, ILCE-7RM4, focal length 24 mm

Appilcation	GPU (%)	CPU (%)	RAM (GB)	Splats (mn)	kSteps	Price (\$/hour)	Time	Cost (\$)
3DGS 8/32 1xL4/24GB	60	18	5	3	30	\$4.849	0:41:59	\$3.393
3DGS 32/256 1xL4/24GB	70	5	8	3	30	\$9.431	0:41:29	\$6.520
3DGS 8/32 1xA10G/24GB	55	18	5	3	30	\$5.227	0:28:13	\$2.458
3DGS 8/64 1xL40S/48GB	70	22	5	3	30	\$6.751	0:14:06	\$1.586
3DGS 32/256 1xL40S/48GB	70	5	8	3	30	\$13.174	0:13:52	\$3.045
3DGS 64/512 1xL40S/48GB	75	2	11	3	30	\$19.914	0:12:50	\$4.259

Colmap 911 jpg 61MP images, **20MB**, 9504x6336, SONY, ILCE-7RM4A, focal length 24 mm

3DGS 8/64 1xL40S/48GB	75	19	29	3	46	\$6.751	0:30:16	\$3.406
3DGS 32/256 1xL40S/48GB	75	8	31	3	46	\$13.174	0:23:10	\$5.087
3DGS 64/512 1xL40S/48GB	75	3	35	3	46	\$19.914	0:21:22	\$7.092

2. Postshot 1.0.1: Camera tracking and Training Radiance Field

Colmap 911 jpg images, **20MB**, ~9504x6336, SONY, ILCE-7RM4A, focal length 24 mm;

3DGS 32/256 1xL40S/48GB									
Process	CUDA (%)	CPU (%)	RAM (GB)	Splats (mn)	kSteps	Price (\$/hour)	Time	Cost (\$)	Comments
Camera trackings step 1	30	68	159	3	46	\$13.174	0:05:48	\$1.273	
Camera trackings step 2	92	100	159	3	46	\$13.174	0:29:00	\$6.367	
Camera trackings step 3	0	38	162	3	46	\$13.174	0:57:40	\$12.662	
Camera trackings step 4	0	8	163	3	46	\$13.174	0:10:00	\$2.196	350,580 points
Total:							1:42:28	\$22.498	
Training Radiance Field	100	8	184	3	46	\$13.174	0:21:52	\$4.801	
Total:							2:04:20	\$27.299	

Original 916 png images, **120MB**, 9504x6336, SONY, ILCE-7RM4A, focal length 24 mm;

3DGS 32/256 1xL40S/48GB									
Process	CUDA (%)	CPU (%)	RAM (GB)	Splats (mn)	kSteps	Price (\$/hour)	Time	Cost (\$)	Comments
Camera trackings step 1	30	68	160	3	46	\$13.174	0:13:03	\$2.865	
Camera trackings step 2	92	100	161	3	46	\$13.174	0:30:30	\$6.697	
Camera trackings step 3	0	38	164	3	46	\$13.174	1:30:30	\$19.871	
Camera trackings step 4	0	8	164	3	46	\$13.174	0:09:11	\$2.016	369,380 points
Total:							2:23:14	\$31.449	
Training Radiance Field	100	8	184	3	46	\$13.174	0:21:31	\$4.724	
Total:							2:44:45	\$36.174	

3. Postshot 1.0.1: Camera tracking vs Metashape alignment and export to Colmap

Original 916 png images, **120MB**, 9504x6336, SONY, ILCE-7RM4A, focal length 24 mm;

3DGS 32/256 1xL40S/48GB									
Process	CUDA (%)	CPU (%)	RAM (GB)	Splats (mn)	kSteps	Price (\$/hour)	Time	Cost (\$)	Comments
Camera trackings step 1	30	68	160	3	46	\$13.174	0:13:03	\$2.865	
Camera trackings step 2	92	100	161	3	46	\$13.174	0:30:30	\$6.697	
Camera trackings step 3	0	38	164	3	46	\$13.174	1:30:30	\$19.871	
Camera trackings step 4	0	8	164	3	46	\$13.174	0:09:11	\$2.016	369,380 points
Total:							2:23:14	\$31.449	

Metashape Alignment of 916 png images with Colmap Export

Process	Appilcation	CUDA (%)	CPU (%)	RAM (GB)	Price (\$/hour)	Time	Cost (\$)	Comments
Matching	Metashape 48/194 4xL4	90	8	3	\$11.663	0:17:29	\$3.398	
Alignment	Metashape 48/194 4xL4	0	99	10	\$11.663	0:16:55	\$3.288	412,993 points
Export Colmap	Metashape 16/32 CPU@3.7GHz	0	40	13	\$3.763	0:34:20	\$2.153	
Total:						1:08:44	\$8.840	