

		Apple MacBook Pro (9-9880H CPU) @ Windows 10 x64 SSE2			Google Pixelbook (i5-7Y57 CPU) @ Android x64 SSE2			OnePlus 3T (Snapdragon 821 CPU) @ Android arm64 NEON			Apple iPhone XS (A12 CPU) @ iOS arm64 NEON			Apple iPad Air (A12 CPU) @ iOS arm64 NEON			Apple iPad Pro (A12X CPU) @ iOS arm64 NEON		
		Embree 3.6.1	Embree 3.8.0	Remarks	Embree 3.6.1	Embree 3.8.0	Remarks	Embree 3.5.2	Embree 3.8.0	Remarks	Embree 3.5.2	Embree 3.8.0	Remarks	Embree 3.5.2	Embree 3.8.0	Remarks	Embree 3.5.2	Embree 3.8.0	Remarks
BVH Builder	Low Quality Megaprim/second	14.665057	14.888097		3.106385	2.845523		1.225649	1.0367		5.2992	4.693288		5.232715	4.840861		6.667206	6.625478	
	Medium Quality Megaprim/second	7.881895	7.491947		1.424219	1.606448		1.314273	1.110347		3.634712	3.557793		3.66479	3.572968		4.490212	4.929565	
	High Quality Megaprim/second	5.461523	5.153327		0.836109	1.05186		0.514786	0.47252		2.121203	2.063878		2.060475	2.156448		2.712091	2.882231	
CurveGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	9.41288	9.103937		1.692798	1.632486		1.144199	0.963755		1.058171	1.063285		1.055136	1.066418		1.05431	1.060866	
DisplacementGeometry	Visual Check	OK	OK	-	OK	OK	-	NOK	NOK	frame 12 shows hole	NOK	NOK	frame 12 shows hole	NOK	NOK	frame 12 shows hole	NOK	NOK	frame 12 shows hole
	Megapixels/second	28.301302	29.094561		4.502543	3.402892		3.576497	3.201997		3.092894	3.176805		3.069309	3.163677		3.057217	3.171924	
DynamicScene	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	9.127416	9.181474		2.041991	1.81523		1.325303	1.342345		2.745895	2.845308		2.691827	2.815258		2.911566	3.088751	
GridGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	27.176374	28.15094		3.842337	3.794787		2.950187	2.737494		2.786608	2.832212		2.770332	2.822755		2.764362	2.825291	
HairGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	30.467003	31.912207		4.399926	4.417947		3.919105	3.407956		2.727804	2.94663		2.711746	2.928537		2.695805	2.902954	
InstancedGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	19.057247	36.005791		4.451656	5.394007		4.204093	3.84175		3.787836	4.363837		3.757629	4.342094		3.731273	4.316056	
Interpolation	Visual Check	OK	OK	-	OK	OK	-	NOK	NOK	frame 3 shows hole in curve	NOK	NOK	frame 3 shows hole in curve	NOK	NOK	frame 3 shows hole in curve	NOK	NOK	frame 3 shows hole in curve
	Megapixels/second	15.76735	20.623936		2.968312	2.836478		1.851548	1.747816		1.966024	2.268289		1.958538	2.260139		1.944342	2.264082	
IntersectionFilter	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	37.939682	51.34705		5.759098	6.174841		3.541101	4.548284		4.237724	5.306689		4.204373	5.24757		4.173846	5.201323	
LazyGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	28.091587	32.745232		5.372236	5.331121		4.204422	3.685602		4.609517	5.091875		4.564649	5.062041		4.545277	5.061013	
MotionBlur	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	1.902511	1.995495		1.612888	1.634675		0.496759	0.555789		1.576444	1.74533		1.568901	1.736801		1.552967	1.739983	
PointGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	31.133789	33.101784		3.532912	3.862975		2.703686	2.302695		2.572096	2.706868		2.55966	2.694525		2.539176	2.69739	
PointPrecision	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	114.651718	127.356377		12.570988	11.970577		7.896966	6.580679		8.479158	8.326917		8.354138	8.201441		8.27937	7.9809	
SubdivisionGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	29.516546	22.997168		4.772574	4.734492		3.278244	2.451211		3.910695	4.155318		3.862237	4.121373		3.860286	4.116683	
TriangleGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	NOK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	72.431984	93.442642		10.840193	8.11626		7.151642	11.546971		8.222108	10.894538		8.06423	10.712807		8.053384	10.665174	
UserGeometry	Visual Check	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-	OK	OK	-
	Megapixels/second	20.677507	21.771683		3.741267	3.977157		3.539486	3.359712		3.210016	3.525155		3.178596	3.501217		3.121107	3.518041	