

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

Below is an alphabetical list of all Video Card types that appear in the charts. Clicking on a specific Video Card will take you to the chart it appears in and will highlight it for you.

Single Video Card

 Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 5090	39876	1	NA	NA
GeForce RTX 5090 D	39850	2	NA	NA
GeForce RTX 4090	38266	3	17.77	\$2,153.94*
GeForce RTX 5080	35986	4	25.66	\$1,402.44
GeForce RTX 4080	34455	5	23.00	\$1,498.07*
GeForce RTX 4080 SUPER	34269	6	31.15	\$1,099.99*
GeForce RTX 5070 Ti	32802	7	32.80	\$999.99*
RTX PRO 6000 Blackwell Workstation Edition	32435	8	NA	NA
GeForce RTX 4090 D	31935	9	NA	NA
GeForce RTX 4070 Ti SUPER	31739	10	18.66	\$1,701.19*
GeForce RTX 4070 Ti	31644	11	34.81	\$909.03*
GeForce RTX 5090 Laptop GPU	31301	12	NA	NA
Radeon RX 7900 XTX	31139	13	27.12	\$1,148.25*
GeForce RTX 4070 SUPER	29980	14	35.39	\$847.13*
RTX 5000 Ada Generation	29699	15	NA	NA
GeForce RTX 3090 Ti	29523	16	14.84	\$1,990.00*
GeForce RTX 5070	29062	17	39.27	\$739.99
RTX 5880 Ada Generation	29012	18	NA	NA
Radeon RX 7900 XT	28917	19	41.31	\$699.99
Radeon PRO W7900	28871	20	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div></div><div>Video Card</div><div></div></div>				
Radeon RA 6900 AI	40111	43	40.11	\$3339.39
RTX 5000 Ada Generation Embedded GPU	27774	24	NA	NA
Radeon PRO W7800	27499	25	NA	NA
GeForce RTX 4090 Laptop GPU	27341	26	NA	NA
RTX 4500 Ada Generation	27211	27	NA	NA
Radeon RX 7900 GRE	27042	28	50.08	\$539.99*
Radeon RX 9070 XT	26971	29	23.63	\$1,141.57
GeForce RTX 4070	26947	30	45.67	\$589.99*
GeForce RTX 3080 Ti	26930	31	20.25	\$1,329.99*
Radeon RX 6900 XT	26752	32	17.72	\$1,509.67*
GeForce RTX 3090	26656	33	13.87	\$1,921.91
GeForce RTX 3080 12GB	26574	34	NA	NA
RTX 3500 Ada Generation Embedded GPU	25188	35	NA	NA
GeForce RTX 3080	25134	36	13.33	\$1,885.88*
Radeon RX 6800 XT	25018	37	39.09	\$639.99*
GeForce RTX 4080 Laptop GPU	24994	38	NA	NA
Radeon RX 9070	24876	39	36.58	\$679.99
Radeon RX 7800 XT	24218	40	40.37	\$599.99
GeForce RTX 5070 Ti Laptop GPU	24092	41	NA	NA
RTX 5000 Ada Generation Laptop GPU	23900	42	NA	NA
RTX 4000 Ada Generation	23763	43	NA	NA
GeForce RTX 3070 Ti	23391	44	19.49	\$1,199.99*
Radeon PRO W7700	23327	45	NA	NA
Radeon RX 7900M	23311	46	NA	NA
GeForce RTX 4060 Ti 16GB	22758	47	50.57	\$449.99*
GeForce RTX 4060 Ti	22734	48	51.67	\$439.99*
RTX A6000	22604	49	5.50	\$4,109.99*
RTX A5000	22510	50	10.09	\$2,229.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 7700 XT	22477	51	43.56	\$515.99
GeForce RTX 5060 Ti	22432	52	53.41	\$419.99*
RTX 4000 Ada Generation Laptop GPU	22420	53	NA	NA
GeForce RTX 3070	22242	54	8.22	\$2,704.58*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GRID K1A0000-DV	21900	57	NA	NA
RTX A5500	21872	58	10.08	\$2,169.99*
GeForce RTX 2080 Ti	21590	59	16.67	\$1,295.00*
RTX A4500	21282	60	11.83	\$1,799.00*
Radeon RX 6750 XT	20745	61	51.86	\$399.99*
GeForce RTX 3060 Ti	20382	62	38.46	\$529.99*
TITAN RTX	20331	63	8.14	\$2,499.00*
RTX 4000 SFF Ada Generation	20244	64	NA	NA
L40S	20022	65	NA	NA
Radeon PRO W6800	19969	66	10.79	\$1,849.99*
Quadro RTX 8000	19861	67	5.28	\$3,760.00*
Quadro GV100	19832	68	2.20	\$8,999.00*
Radeon RX 6700 XT	19810	69	20.99	\$943.93
RTX 3500 Ada Generation Laptop GPU	19776	70	NA	NA
TITAN V	19738	71	9.87	\$1,999.99*
GeForce RTX 4060	19709	72	50.80	\$387.99*
GeForce RTX 5060 Laptop GPU	19707	73	NA	NA
Radeon RX 6750 GRE 12GB	19691	74	NA	NA
GeForce RTX 4070 Laptop GPU	19587	75	NA	NA
RTX A4000	19542	76	26.06	\$749.99*
GeForce RTX 2080 SUPER	19505	77	28.48	\$684.86*
GeForce RTX 5070 Laptop GPU	19437	78	NA	NA
GeForce RTX 3080 Ti Laptop GPU	19398	79	NA	NA
Radeon RX 6700	19166	80	NA	NA
TITAN Xp COLLECTORS EDITION	18849	81	NA	NA
NVIDIA TITAN Xp	18760	82	11.40	\$1,645.00*
GeForce RTX 2080	18752	83	23.42	\$800.61*
GeForce GTX 1080 Ti	18596	84	38.44	\$483.82*
Quadro RTX 6000	18493	85	2.94	\$6,300.00*
GeForce RTX 2070 SUPER	18194	86	33.69	\$539.99*
Radeon RX 6750 GRE 10GB	18137	87	NA	NA
GeForce RTX 3070 Ti Laptop GPU	17792	88	NA	NA
NVIDIA A10G	17660	89	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
RTX A5500 Laptop GPU	17200	92	NA	NA
RTX 2000 Ada Generation	17218	93	NA	NA
Radeon RX 6650 XT	17140	94	37.26	\$459.99*
Radeon 8060S	17104	95	NA	NA
Radeon RX 7600 XT	17099	96	47.50	\$359.99
Radeon RX 6650M XT	17070	97	NA	NA
Radeon RX 7800M	17029	98	NA	NA
Radeon RX 7650 GRE	16992	99	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
TITAN V CEO Edition	16987	100	NA	NA
RTX A4500 Laptop GPU	16853	101	NA	NA
GeForce RTX 3060 12GB	16847	102	51.05	\$329.99
Radeon RX 7600	16603	103	60.38	\$274.99
Radeon RX 6600 XT	16477	104	37.45	\$439.99*
GeForce RTX 2060 SUPER	16472	105	41.18	\$399.99*
GeForce RTX 3080 Laptop GPU	16421	106	NA	NA
Radeon RX 5700 XT 50th Anniversary	16418	107	NA	NA
Radeon VII	16370	108	8.62	\$1,899.95*
Radeon RX 5700 XT	16340	109	33.46	\$488.33*
GeForce RTX 2070	16108	110	41.36	\$389.46*
RTX A5000 Laptop GPU	16066	111	NA	NA
Radeon PRO W7600	16058	112	NA	NA
GeForce RTX 2060 12GB	15946	113	NA	NA
Radeon 8050S	15885	114	NA	NA
RTX 3000 Ada Generation Laptop GPU	15865	115	NA	NA
Radeon RX 6800S	15820	116	NA	NA
Intel Arc B580	15727	117	63.16	\$249.00*
Quadro RTX 5000	15671	118	NA	NA
Radeon Pro V620 MxGPU	15632	119	NA	NA
Radeon Pro Vega II	15596	120	NA	NA
GeForce GTX 1080	15580	121	35.19	\$442.79*
RTX PRO 2000 Blackwell Generation Laptop GPU	15569	122	NA	NA
Radeon RX 7600S	15521	123	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon PRO W6900	15362	120	NA	NA
GeForce RTX 3070 Laptop GPU	15359	127	NA	NA
Radeon RX 7700S	15347	128	NA	NA
RTX PRO 500 Blackwell Generation Laptop GPU	15341	129	NA	NA
RTX 2000 Ada Generation Embedded GPU	15334	130	NA	NA
RTX 2000 Ada Generation Laptop GPU	15278	131	NA	NA
GeForce RTX 3060 8GB	15266	132	NA	NA
Quadro RTX 4000	15181	133	16.89	\$899.00*
Quadro GP100	15149	134	NA	NA
Radeon RX 6600	15095	135	55.91	\$269.99
Radeon RX 6700S	15055	136	50.19	\$299.99*
Radeon RX 6650M	15018	137	NA	NA
GeForce RTX 2080 (Mobile)	15013	138	NA	NA
RTX A4000 Laptop GPU	14906	139	NA	NA
Quadro RTX 5000 (Mobile)	14832	140	NA	NA
GeForce GTX 1070 Ti	14677	141	25.75	\$569.99*
Radeon Pro W5700	14648	142	22.54	\$649.99*
RadeonT RX 6850M XT	14609	143	NA	NA
GeForce RTX 4050 Laptop GPU	14437	144	NA	NA
Radeon RX 5700	14336	145	46.25	\$309.99*
RTX PRO 1000 Blackwell Generation Laptop GPU	14131	146	NA	NA
GeForce RTX 2060	14116	147	54.76	\$257.76
Radeon RX Vega 64	14097	148	18.80	\$749.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro Vega II Duo	14018	149	NA	NA
Radeon RX 6600M	13928	150	38.64	\$360.51*
NVIDIA A40	13900	151	NA	NA
Intel Arc B570	13821	152	NA	NA
RTX A3000 12GB Laptop GPU	13768	153	NA	NA
GeForce GTX 980 Ti	13747	154	21.33	\$644.61*
RTX A2000 12GB	13721	155	NA	NA
NVIDIA TITAN X	13659	156	22.46	\$608.10*
GeForce RTX 2070 Super with Max-Q Design	13606	157	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div></div><div>Video Card</div><div></div></div>				
RTX A4000	13373	160	43.01	\$374.99
GeForce GTX 1070	13502	161	28.43	\$475.00*
Radeon RX 5600 XT	13488	162	24.75	\$545.00*
Radeon PRO W7500	13436	163	NA	NA
L20	13429	164	NA	NA
RTX 1000 Ada Generation Laptop GPU	13404	165	NA	NA
Radeon Pro Vega 64X	13369	166	NA	NA
Radeon RX 6800M	13276	167	NA	NA
GeForce RTX 3060 Laptop GPU	13244	168	42.73	\$309.99*
Radeon RX 7600M XT	13212	169	NA	NA
Intel Arc A770	13181	170	29.96	\$439.99*
Radeon PRO V710 MxGPU	13129	171	NA	NA
Radeon PRO W6600X	13113	172	NA	NA
RTX 2000E Ada Generation	13087	173	NA	NA
Radeon RX Vega 56	13082	174	17.37	\$752.99*
Radeon Pro WX 8200	13046	175	8.16	\$1,599.39*
Radeon Pro VII	13031	176	NA	NA
Radeon Vega Frontier Edition	13013	177	7.75	\$1,679.99*
Quadro RTX 5000 with Max-Q Design	13011	178	NA	NA
GeForce GTX 1660 Ti	12908	179	29.68	\$435.00*
Radeon Pro Vega 64	12890	180	NA	NA
GeForce RTX 2080 with Max-Q Design	12878	181	6.13	\$2,099.99*
GeForce GTX TITAN X	12759	182	11.63	\$1,096.99*
GeForce GTX 1660 SUPER	12709	183	36.23	\$350.83
RTX A3000 Laptop GPU	12652	184	NA	NA
Quadro P5000	12637	185	6.76	\$1,868.99*
Radeon RX 5600 OEM	12610	186	NA	NA
GeForce RTX 3050 8GB	12586	187	52.45	\$239.99
Radeon Pro 5700 XT	12557	189	NA	NA
Tesla T10	12557	188	NA	NA
Quadro RTX 4000 with Max-Q Design	12425	190	NA	NA
Intel Arc A750	12420	191	62.11	\$199.99*
GeForce RTX 2070 (Mobile)	12357	192	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div> Video Card </div>				
Quadro P5200 with Max-Q Design	12300	193	NA	NA
Radeon Pro WX 9100	12285	196	NA	NA
Radeon RX 6850M	12274	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla P40	12266	198	NA	NA
Radeon Pro V520 MxGPU	12257	199	NA	NA
Intel Arc A770M	11983	200	NA	NA
Quadro M6000 24GB	11925	201	NA	NA
Intel Arc A580	11924	202	66.25	\$179.99*
GeForce RTX 3050 OEM	11848	203	52.94	\$223.83*
Quadro P5200	11841	204	NA	NA
Tesla P100-PCIE-16GB	11813	205	2.07	\$5,699.00*
GeForce RTX 3050 A Laptop GPU	11781	206	NA	NA
Quadro M6000	11768	207	2.39	\$4,933.21*
Radeon RX 5600	11725	208	NA	NA
Radeon RX 6600S	11715	209	NA	NA
Quadro P4200 with Max-Q Design	11703	210	NA	NA
Quadro RTX 4000 (Mobile)	11676	211	NA	NA
L40-8Q	11670	212	NA	NA
GeForce GTX 1660	11657	213	34.30	\$339.90*
Radeon Pro 5700	11582	214	NA	NA
Radeon RX 7600M	11581	215	NA	NA
GeForce RTX 2070 with Max-Q Design	11529	216	NA	NA
Quadro P4000	11528	217	20.73	\$556.19*
Radeon 610M Ryzen 9 7845HX	11463	218	NA	NA
RTX A1000 Embedded GPU	11460	219	NA	NA
GeForce GTX 1080 with Max-Q Design	11422	220	NA	NA
GeForce RTX 2060 (Mobile)	11352	221	NA	NA
Radeon Pro Vega 48	11289	222	NA	NA
Radeon PRO W6600M	11287	223	NA	NA
GeForce GTX 980	11110	224	44.92	\$247.35*
Radeon Pro SSG	10971	225	4.55	\$2,410.15*
Quadro RTX 3000	10958	226	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GeForce RTX 3090 24GB	10743	229	33.02	\$1399.99
RTX A2000 8GB Laptop GPU	10715	230	NA	NA
Quadro P4200	10708	231	NA	NA
RTX A1000	10653	232	NA	NA
Tesla T4	10647	233	2.38	\$4,466.65*
Tesla M40 24GB	10641	234	NA	NA
GeForce GTX 1070 (Mobile)	10465	235	NA	NA
SuperDisplay Virtual Adapter	10390	236	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10274	237	NA	NA
Tesla M40	10219	238	17.03	\$600.00*
GeForce GTX 1650 SUPER	10183	239	42.43	\$239.99*
GeForce GTX 1660 Ti (Mobile)	10143	240	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10118	241	NA	NA
RTX A1000 6GB Laptop GPU	10084	242	NA	NA
GeForce GTX 1060	10078	243	30.56	\$329.80*
GeForce GTX 1070 with Max-Q Design	9847	244	NA	NA
GRID P40-2B	9842	245	NA	NA
Intel Arc A730M	9808	246	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1060 3GB	9799	247	41.61	\$235.47*
Radeon RX 6550M	9791	248	NA	NA
GeForce RTX 2060 with Max-Q Design	9742	249	NA	NA
Radeon R9 Fury + Fury X	9741	250	21.65	\$449.99*
RTX A2000 Laptop GPU	9728	251	NA	NA
GeForce GTX 970	9642	252	40.52	\$237.99*
Radeon RX 6500 XT	9600	253	53.34	\$179.99
RTX A1000 Laptop GPU	9572	254	NA	NA
Radeon RX Vega Ryzen 5 5600GT	9558	255	NA	NA
Radeon R9 Fury	9545	256	21.54	\$443.10*
6FDF:FF	9528	257	NA	NA
A10-12Q	9493	258	NA	NA
GeForce RTX 3050 4GB Laptop GPU	9462	259	35.05	\$269.99*
GeForce GTX 780 Ti	9459	260	27.82	\$339.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon RA 390	9373	263	17.04	\$349.99
Quadro P2200	9363	264	20.36	\$459.80*
Radeon R9 390X	9362	265	NA	NA
Radeon Pro 5600M	9278	266	NA	NA
Intel Arc Pro A60	9194	267	NA	NA
GeForce GTX TITAN Black	9184	268	6.56	\$1,399.99*
CMP 40HX	9136	269	NA	NA
Radeon RX 5500 XT	9098	270	50.19	\$181.29*
Tesla P4	9097	271	NA	NA
GeForce GTX 1060 5GB	9087	272	18.62	\$487.99*
Quadro P4000 with Max-Q Design	9082	273	NA	NA
Quadro P3200 with Max-Q Design	8989	274	NA	NA
Radeon Pro W5500	8979	275	21.90	\$409.99*
GeForce GTX TITAN Z	8904	276	5.88	\$1,515.00*
Radeon R9 390	8874	277	NA	NA
Radeon RX 5600M	8861	278	NA	NA
Radeon RX 580	8824	279	55.15	\$159.99
Radeon RX 5500	8785	280	NA	NA
GRID P40-24Q	8719	281	NA	NA
Radeon R9 295X2	8681	282	17.39	\$499.10*
Quadro P3200	8670	283	22.27	\$389.30*
GeForce GTX 1660 Ti with Max-Q Design	8587	284	NA	NA
Radeon RX 480	8570	285	25.21	\$339.99*
Radeon R9 290X	8522	286	NA	NA
GRID RTX6000-1B	8473	287	NA	NA
Radeon RX590 GME	8451	288	NA	NA
Radeon 890M	8433	289	NA	NA
Radeon R9 290X / 390X	8380	290	26.19	\$319.99*
Ryzen 5 4600HS with Radeon Graphics	8370	291	NA	NA
RTX A4500 Embedded GPU	8309	292	NA	NA
Radeon Pro Duo	8298	293	2.09	\$3,970.36*
Quadro RTX 3000 with Max-Q Design	8230	294	NA	NA
Radeon R9 290	8210	295	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card 				
GeForce GTX 1060 (mobile)	8100	290	NA	NA
GRID P40-2B4	8160	297	NA	NA
Radeon R9 290 / 390	8150	299	21.45	\$380.00*
Radeon PRO W6400	8126	300	NA	NA
Quadro K6000	8095	301	38.43	\$210.66*
GRID P40-12Q	8053	302	NA	NA
Ryzen 9 6900HS	8005	303	NA	NA
GeForce GTX 780	7994	304	28.55	\$279.99*
Radeon RX 470/570	7963	305	20.47	\$388.99*
Radeon Pro 5500 XT	7940	306	NA	NA
Quadro M5500	7915	307	NA	NA
GeForce GTX 1650	7878	308	28.81	\$273.45*
GeForce GTX 1060 with Max-Q Design	7859	309	NA	NA
Radeon Pro WX 7100	7795	310	7.44	\$1,047.99*
T1200 Laptop GPU	7778	311	NA	NA
Radeon 880M	7757	312	NA	NA
GeForce RTX 2050	7754	313	NA	NA
Radeon Pro 580	7753	314	NA	NA
FirePro W9100	7747	315	4.48	\$1,729.99*
Radeon RX 580 2048SP	7665	316	NA	NA
Radeon RX 6400	7663	317	36.07	\$212.47*
Radeon RX 780	7657	318	NA	NA
Tesla M60	7651	319	9.71	\$787.90*
T1000 8GB	7635	320	NA	NA
T1000	7626	321	25.09	\$303.99*
Intel Arc A530M	7624	322	NA	NA
Radeon RX 5300	7587	323	NA	NA
L4	7582	324	NA	NA
Radeon Pro 580X	7540	326	NA	NA
Radeon RX 6500M	7540	325	NA	NA
GeForce GTX 1650 Ti	7539	327	NA	NA
Radeon RX 580X	7536	328	NA	NA
Radeon RX 6500	7455	329	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card </div><div><div><div><div>Radeon Pro V5300VA</div><div>Quadro T2000</div><div>Meta Virtual Monitor</div><div>Radeon Pro 5300</div><div>RadeonT 780M</div><div>T600 Laptop GPU</div><div>Quadro M5000M</div><div>Ryzen 9 4900HS with Radeon Graphics</div><div>Radeon 780M</div><div>GeForce GTX 1650 (Mobile)</div><div>Quadro P2000</div><div>Intel Arc 140T GPU</div><div>Quadro T2000 with Max-Q Design</div></div></div></div></div>				
Radeon Pro V5300VA	7330	332	NA	NA
Quadro T2000	7230	333	13.68	\$528.35*
Meta Virtual Monitor	7142	334	NA	NA
Radeon Pro 5300	7125	335	NA	NA
RadeonT 780M	7095	336	NA	NA
T600 Laptop GPU	7078	337	NA	NA
Quadro M5000M	7031	338	12.86	\$546.92*
Ryzen 9 4900HS with Radeon Graphics	7022	339	NA	NA
Radeon 780M	6988	340	NA	NA
GeForce GTX 1650 (Mobile)	6968	341	NA	NA
Quadro P2000	6945	342	15.80	\$439.60*
Intel Arc 140T GPU	6904	343	NA	NA
Quadro T2000 with Max-Q Design	6873	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
CMP 30HX	6806	345	NA	NA
Quadro T1000 with Max-Q Design	6762	346	NA	NA
Radeon Pro 5500M	6753	347	NA	NA
GeForce GTX 970XM FORCE	6706	348	NA	NA
RTX A500 Laptop GPU	6687	349	NA	NA
Quadro M4000	6686	350	18.47	\$362.00*
Intel Arc Pro 140T GPU	6672	351	NA	NA
FirePro W8100	6671	352	9.48	\$704.00*
P106-100	6646	353	NA	NA
Radeon Ryzen 9 6900HS	6602	354	NA	NA
Radeon RX Vega M GH	6585	355	NA	NA
Radeon Pro WX 7130	6553	356	NA	NA
AMD Ryzen Z1 Extreme	6525	357	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6505	358	NA	NA
A10-8Q	6502	359	NA	NA
Quadro T1000	6491	360	17.55	\$369.99*
T600	6473	361	26.97	\$239.99*
Quadro P3000	6425	362	NA	NA
Radeon RX 6300M	6421	363	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card ▼</div></div>				
Intel Arc 1301 GPU	6512	366	NA	NA
Intel Arc A380	6260	367	40.19	\$155.79
Ryzen 7 6800HS with Radeon Graphics	6240	368	NA	NA
GRID P4-4Q	6234	369	NA	NA
GeForce GTX 1650 with Max-Q Design	6229	370	NA	NA
Tesla M6	6226	371	31.29	\$199.00*
GeForce MX570 A	6191	372	NA	NA
Ryzen 9 PRO 6950H with Radeon Graphics	6176	373	NA	NA
Radeon R9 380X	6164	374	17.61	\$349.99*
FirePro W9000	6157	375	7.29	\$845.00*
Quadro M4000M	6144	376	24.11	\$254.91*
Quadro K5200	6135	377	14.78	\$415.00*
Radeon R9 280X	6126	378	NA	NA
GeForce GTX 960	6114	379	35.55	\$172.00*
Ryzen 9 6900HS with Radeon Graphics	6109	380	NA	NA
Parsec Virtual Display Adapter	6089	381	NA	NA
Radeon R9 380	6067	382	67.42	\$89.99*
Radeon Ryzen 7 6800HS	6025	383	NA	NA
GRID P100-16Q	5944	384	NA	NA
GeForce GTX 770	5941	385	23.86	\$249.00*
Radeon Ryzen 7 6810U	5937	386	NA	NA
Radeon Pro 5300M	5926	387	NA	NA
GeForce GTX 1050 Ti (Mobile)	5917	388	NA	NA
RTX A400	5867	389	NA	NA
Radeon Ryzen 7 7736U	5818	390	NA	NA
Matrox LUMA A380P	5811	391	NA	NA
Radeon RX 5500M	5793	392	NA	NA
Ryzen 7 PRO 6850H with Radeon Graphics	5790	393	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX570	5783	394	NA	NA
Radeon Ryzen 9 PRO 6950H	5780	395	NA	NA
Ryzen 9 PRO 6950H	5758	396	NA	NA
L4-2Q	5723	397	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>Eng Sample: 100-0000000000-40 _1</u>	5633	400	NA	NA
<u>Intel Arc 140T</u>	5634	401	NA	NA
<u>Radeon TM</u>	5627	402	NA	NA
<u>RadeonT 680M Ryzen 7 7735HS</u>	5626	403	NA	NA
<u>Radeon 680M Ryzen 9 6900HX</u>	5613	404	NA	NA
<u>Radeon 760M</u>	5602	405	NA	NA
<u>GeForce GTX 680</u>	5593	406	14.02	\$399.00*
<u>Radeon PRO Ryzen 7 PRO 6850U</u>	5582	407	NA	NA
<u>Ryzen 7 PRO 6850U</u>	5580	408	NA	NA
<u>Quadro M3000M</u>	5572	409	34.84	\$159.95*
<u>GRID T4-8Q</u>	5565	411	NA	NA
<u>Radeon HD 7990</u>	5565	410	13.91	\$399.99*
<u>Radeon PRO W6300</u>	5559	412	NA	NA
<u>Radeon R9 285 / 380</u>	5549	413	11.44	\$485.00*
<u>Radeon R9 280</u>	5543	414	NA	NA
<u>GRID M60-8A</u>	5523	415	NA	NA
<u>Intel Arc</u>	5498	416	15.70	\$350.19*
<u>Radeon Pro WX 5100</u>	5493	417	15.26	\$359.99*
<u>GeForce GTX 690</u>	5485	418	19.52	\$280.99*
<u>Ryzen 9 5900HS with Radeon Graphics</u>	5479	419	NA	NA
<u>Ryzen 7 6800HS Creator Edition</u>	5465	420	NA	NA
<u>Radeon Ryzen 7 6800HS Creator Edition</u>	5444	421	NA	NA
<u>Intel Arc A310</u>	5436	422	37.26	\$145.92
<u>GeForce GTX 760 Ti OEM</u>	5427	423	NA	NA
<u>Radeon Ryzen 7 PRO 6850H</u>	5377	424	NA	NA
<u>GRID P4-8Q</u>	5355	425	NA	NA
<u>GeForce GTX 950</u>	5343	426	37.63	\$141.99*
<u>GeForce GTX 670</u>	5341	427	27.54	\$193.98*
<u>Radeon Ryzen 7 7735H</u>	5334	428	NA	NA
<u>GeForce GTX 760 Ti</u>	5317	429	17.87	\$297.50*
<u>GeForce GTX 1050 Ti with Max-Q Design</u>	5306	430	NA	NA
<u>Radeon R9 M395X</u>	5299	431	NA	NA
<u>RTX A500 Embedded GPU</u>	5292	432	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon RX 7900 / RX 7900	5247	435	41.43	\$240.39
Ryzen 7 6800H	5247	436	NA	NA
Ryzen 7 6800HS	5237	437	NA	NA
Radeon RX 6300	5235	438	NA	NA
Intel Arc 140V GPU	5231	439	NA	NA
Radeon HD 8990	5214	440	NA	NA
Radeon Ryzen Z2 Go	5205	441	NA	NA
GRID M60-2Q	5203	442	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro W7100	5191	443	13.33	\$389.30*
Ryzen 9 6900HX with Radeon Graphics	5179	444	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5175	445	NA	NA
Q12U-1	5164	446	NA	NA
Radeon Ryzen 9 6900HS Creator Edition	5155	447	NA	NA
Radeon R9 M295X	5150	448	3.55	\$1,449.00*
GRID P40-4Q	5145	449	NA	NA
Ryzen 7 Pro 7735U with Radeon Graphics	5142	450	NA	NA
GeForce GTX 1050 3GB	5118	451	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5116	452	NA	NA
Intel Arc A370M	5115	453	NA	NA
Radeon Ryzen 7 PRO 6850U	5112	454	NA	NA
Ryzen 7 7735U with Radeon Graphics	5081	455	NA	NA
Ryzen 7 PRO 6860Z	5076	456	NA	NA
FirePro S9000	5059	457	NA	NA
Radeon Ryzen 7 7735HS	5057	458	NA	NA
Radeon Ryzen 7 PRO 6850HS	5057	459	NA	NA
Radeon Pro Vega 20	5039	460	NA	NA
GeForce GTX 1050	5032	461	21.06	\$239.00*
Radeon Ryzen 7 6800H	5025	462	NA	NA
Ryzen 7 6800U	5006	463	NA	NA
GeForce GTX 1630	4976	464	26.20	\$189.99*
Ryzen 7 6800H with Radeon Graphics	4959	465	NA	NA
EIZO Quadro MED-XN51LP	4951	466	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon R9 M395	4910	469	NA	NA
GRID T4-16Q	4910	470	NA	NA
FirePro S9050	4901	471	NA	NA
Radeon R9 270X	4870	472	14.92	\$326.50*
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	473	NA	NA
Radeon Pro Vega 16	4809	474	NA	NA
GeForce GTX 760	4804	475	32.24	\$149.00*
RTXA5000-24Q	4802	476	NA	NA
T550 Laptop GPU	4791	477	NA	NA
Intel Arc A310 LP	4787	478	NA	NA
GRID RTX6000P-6Q	4777	479	NA	NA
Radeon 860M	4770	480	NA	NA
FirePro S10000	4768	482	NA	NA
Radeon Pro WX Vega M GL	4768	481	NA	NA
Radeon HD 7950 / R9 280	4764	483	19.78	\$240.83*
Ryzen 7 6800U with Radeon Graphics	4760	484	NA	NA
Radeon Ryzen 7 7735U	4753	485	NA	NA
A16-2Q	4747	486	NA	NA
Radeon RX 5300M	4723	487	NA	NA
Radeon R9 370	4722	488	29.51	\$159.99*
Radeon Sky 500	4709	489	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	490	NA	NA
NVIDIA A40-8Q	4681	491	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla K80	4680	492	7.88	\$593.95*
Intel Arc 130V GPU	4632	493	NA	NA
GeForce GTX 580	4630	494	9.48	\$488.59*
Radeon Ryzen 7 PRO 6860Z	4624	495	NA	NA
Radeon HD 7870	4602	496	26.15	\$176.00*
Radeon 680M Ryzen 7 7735HS	4596	497	NA	NA
Radeon Ryzen 7 6800U	4564	498	NA	NA
B8DKMDAP	4557	499	NA	NA
GeForce MX550	4540	500	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
<u>NVIDIA A40-4Q</u>	4304	503	NA	NA
<u>Quadro P1000</u>	4503	504	15.53	\$289.99*
<u>L40S-12Q</u>	4500	505	NA	NA
<u>Radeon R7 370</u>	4495	506	NA	NA
<u>Tesla K40c</u>	4494	507	NA	NA
<u>L4-6Q</u>	4473	508	NA	NA
<u>Radeon HD 7870 XT</u>	4469	509	NA	NA
<u>GeForce GTX 1050 (Mobile)</u>	4462	510	NA	NA
<u>Radeon 660M Ryzen 5 6600H</u>	4461	511	NA	NA
<u>GRID M60-1B</u>	4456	512	NA	NA
<u>Tesla K20m</u>	4432	513	NA	NA
<u>GRID P6-4Q</u>	4429	514	NA	NA
<u>Radeon Ryzen 9 PRO 6950HS</u>	4427	515	NA	NA
<u>GeForce GTX 660 Ti</u>	4408	516	30.62	\$144.00*
<u>Radeon Instinct MI25 MxGPU</u>	4403	518	NA	NA
<u>Tesla K20Xm</u>	4403	517	0.57	\$7,699.00*
<u>FirePro W7000 Adapter</u>	4359	519	NA	NA
<u>GRID GTX P40-6</u>	4340	521	NA	NA
<u>Quadro K4200</u>	4340	520	17.43	\$249.00*
<u>NVIDIA A40-12Q</u>	4335	522	NA	NA
<u>A16-4Q</u>	4327	523	NA	NA
<u>Radeon R9 270</u>	4306	524	NA	NA
<u>Quadro M2200</u>	4283	525	17.13	\$249.99*
<u>Radeon R9 270 / R7 370</u>	4259	526	19.98	\$213.16*
<u>FirePro W7000</u>	4255	527	15.30	\$278.05*
<u>Eng Sample: 100-000000561-40_Y</u>	4206	528	NA	NA
<u>FirePro W8000</u>	4163	529	7.27	\$573.00*
<u>GRID V100D-8Q</u>	4155	530	NA	NA
<u>GRID P40-2Q</u>	4130	531	NA	NA
<u>GeForce GTX 480</u>	4121	532	24.24	\$169.99*
<u>Radeon RX 460</u>	4092	533	24.54	\$166.81*
<u>Ryzen 7 PRO 6850HS with Radeon Graphics</u>	4087	534	NA	NA
<u>Radeon PRO Ryzen 5 PRO 6650U</u>	4066	535	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card </div><div><div>Radeon RX 7900 XTX</div><div>GeForce GTX 660</div><div>GeForce GTX 1050 with Max-Q Design</div></div></div>				
Radeon RX 7900 XTX	4023	530	NA	NA
GeForce GTX 660	4021	539	23.94	\$167.95*
GeForce GTX 1050 with Max-Q Design	4018	540	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M2000	4006	541	15.16	\$264.24*
Quadro K5000	3976	542	15.97	\$249.00*
GRID P6-2Q	3925	543	NA	NA
GeForce GTX 570	3922	544	26.15	\$149.99*
GeForce GTX 750 Ti	3899	545	44.26	\$88.11*
Radeon Ryzen 7 Pro 7735U	3889	546	NA	NA
Radeon HD 7850	3885	547	22.20	\$174.99*
GRID M60-8Q	3883	548	NA	NA
Radeon HD 8970M	3876	549	27.69	\$139.99*
Matrox LUMA A310F	3873	550	NA	NA
L40S-48Q	3868	551	NA	NA
Radeon RX Vega M GL	3867	552	NA	NA
Radeon R9 M390X	3850	553	NA	NA
GRID M60-4Q	3831	554	NA	NA
GeForce GTX 965M	3823	555	NA	NA
GeForce GTX 880M	3817	556	NA	NA
GeForce GTX 780M	3807	557	7.63	\$499.00*
T400 4GB	3803	558	NA	NA
FirePro S7150	3770	559	2.22	\$1,697.99*
GRID T4-2Q	3765	560	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3764	561	NA	NA
Barco MXRT 7500	3753	562	12.55	\$299.00*
Ryzen 5 Pro 7535U with Radeon Graphics	3750	563	NA	NA
GeForce MX450	3747	564	NA	NA
GeForce GTX 775M	3708	565	NA	NA
GRID M60-1Q	3694	566	NA	NA
Matrox LUMA A310	3690	568	NA	NA
Ryzen 5 6600HS Creator Edition	3690	567	NA	NA
GeForce GTX 680MX	3686	569	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Quadro P620	3660	574	9.30	\$374.33
Radeon R9 M485X	3660	574	NA	NA
Radeon RX 560	3660	573	18.01	\$203.32
Radeon Ryzen 5 PRO 6650U	3658	575	NA	NA
T500	3643	576	NA	NA
GRID T4-4Q	3608	577	NA	NA
P104-100	3602	579	12.01	\$299.99*
T400	3602	578	21.19	\$169.99*
Ryzen 5 6600H with Radeon Graphics	3579	580	NA	NA
Quadro K2200	3574	581	13.32	\$268.30*
GeForce GTX 680M KY_Bullet Edition	3568	582	NA	NA
GRID M6-8Q	3568	584	NA	NA
Radeon HD 7970M	3568	583	NA	NA
VMware Horizon Indirect Display Driver	3565	585	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3533	586	NA	NA
Ryzen 5 PRO 6650U	3519	587	NA	NA
GRID K520	3516	588	23.44	\$149.99*
Quadro 7000	3505	589	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K2200M	3501	590	28.02	\$124.95*
GeForce GTX 870M	3496	591	NA	NA
Radeon Ryzen 5 6600H	3481	592	NA	NA
Radeon Pro 560	3475	593	NA	NA
Radeon Pro W5500M	3469	594	NA	NA
GeForce GTX 960A	3464	595	NA	NA
Radeon Pro 460	3452	596	NA	NA
Quadro M2000M	3445	597	16.16	\$213.16*
Tesla C2050 / C2070	3428	598	NA	NA
GeForce GTX 650 Ti BOOST	3389	599	NA	NA
Radeon E8870PCle	3368	601	NA	NA
Radeon HD8970M	3368	600	NA	NA
GeForce GTX 960M	3363	602	2.88	\$1,169.00*
GeForce GTX 590	3341	604	7.68	\$435.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GeForce GTX 750	3330	606	44.00	\$133.43
Quadro P600	3324	607	15.79	\$210.58*
Ryzen 5 7535U with Radeon Graphics	3323	608	NA	NA
Radeon Ryzen 7 4800H	3318	609	NA	NA
A40-24Q	3317	610	NA	NA
GRID T4-1Q	3302	611	NA	NA
Radeon Ryzen 5 6600U	3293	612	NA	NA
GeForce GTX 680M	3277	613	24.10	\$135.99*
A16-1Q	3275	614	NA	NA
GRID P100-8Q	3267	615	NA	NA
Radeon Ryzen 7 4800HS	3253	616	NA	NA
Custom GPU 0932	3249	617	NA	NA
GeForce 770M	3245	618	18.34	\$176.99*
Snapdragon X Elite - X1E001DE - Qualcomm Adreno GP	3245	619	NA	NA
Radeon R9 M470X	3244	620	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	621	NA	NA
Radeon R9 M290X	3217	622	NA	NA
Radeon 740M	3216	623	NA	NA
Quadro K5100M	3209	624	2.89	\$1,108.84*
GRID P4-8A	3206	626	NA	NA
Quadro M1200	3206	625	NA	NA
Radeon R7 260X	3189	627	22.79	\$139.99*
Tesla C2050	3175	628	11.76	\$269.99*
Radeon RX 560X	3168	629	NA	NA
Intel Graphics	3162	630	NA	NA
FirePro V7000	3161	631	NA	NA
FirePro W7170M	3161	632	NA	NA
Tesla K40m	3143	633	NA	NA
Radeon Pro 555	3140	635	2.99	\$1,049.00*
Radeon R7 360	3140	634	21.52	\$145.99*
GeForce GTX 470	3133	636	52.24	\$59.99*
Radeon Ryzen 5 7535U	3130	637	NA	NA
Tesla C2070	3120	638	5.17	\$604.00*


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon Ryzen 5 7535U	3092	640	NA	NA
Radeon HD 7790	3090	641	22.07	\$139.99*
GeForce GTX 860M	3077	642	26.99	\$114.00*
GeForce GTX 560 Ti	3065	643	23.58	\$129.99*
Radeon R9 260	3047	644	NA	NA
Tesla M10	3045	645	1.13	\$2,695.00*
Radeon R9 360	3031	646	22.64	\$133.89*
Radeon Ryzen 5 Pro 7535U	3020	647	NA	NA
Tesla C2075	3016	648	4.67	\$646.00*
Radeon HD 6990	3013	649	6.05	\$498.49*
Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP	2981	650	NA	NA
FirePro W5100	2977	651	23.63	\$125.99*
GRID M10-4Q	2976	652	NA	NA
GeForce GTX 675MX	2969	653	NA	NA
Radeon 660M Ryzen 5 7535HS	2968	654	NA	NA
Radeon Ryzen 9 5900H	2960	655	NA	NA
FirePro W5000	2955	657	16.06	\$184.00*
Quadro K1200	2955	656	10.36	\$285.29*
GRID K260Q	2949	658	NA	NA
Ryzen 9 5900HX with Radeon Graphics	2936	659	NA	NA
Custom GPU 0405	2921	660	NA	NA
Qualcomm Adreno X1-85 GPU	2918	661	NA	NA
Radeon RX Vega Ryzen 7 5825U	2916	662	NA	NA
P102-100	2911	663	NA	NA
Radeon R7 260	2891	664	32.13	\$89.99*
FirePro M6100 FireGL V	2875	665	NA	NA
Radeon Pro V340 MxGPU	2853	666	NA	NA
Radeon HD 6970	2840	667	18.94	\$149.99*
GRID K280Q	2839	668	NA	NA
Quadro M1000M	2834	669	32.97	\$85.99*
Radeon Ryzen 7 5800H	2821	670	NA	NA
Radeon HD 8950	2816	671	NA	NA
FirePro 3D V9800	2811	672	1.13	\$2,499.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card ▼</div></div>				
GeForce GTX 170M	2730	673	20.20	\$130.00
Ryzen 7 5800HS with Radeon Graphics	2795	676	NA	NA
GRID T4-2B	2785	677	NA	NA
Quadro K4100M	2775	678	10.62	\$261.29*
Quadro M620	2774	679	NA	NA
Radeon R9 M380	2773	680	NA	NA
Ryzen 7 5700G with Radeon Graphics	2771	681	NA	NA
FirePro W4300	2770	682	11.54	\$239.99*
GeForce GTX 560	2765	683	13.49	\$205.00*
Ryzen 7 5700GE with Radeon Graphics	2762	684	NA	NA
NVIDIA A10-4Q	2756	685	NA	NA
GRID K2	2736	687	2.05	\$1,331.97*
Ryzen 7 5800H with Radeon Graphics	2736	686	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 4170	2732	688	NA	NA
Radeon Pro WX 4150	2728	689	4.47	\$610.04*
FirePro V9800	2726	690	5.75	\$474.00*
Radeon Pro 450	2722	691	NA	NA
Quadro K4000	2721	692	10.08	\$270.00*
Barco MXRT 5500	2701	693	9.04	\$299.00*
Quadro 6000	2698	694	0.66	\$4,092.38*
GRID M10-2Q	2691	695	NA	NA
Radeon RX 550	2690	696	15.82	\$169.99
Ryzen 7 Pro 4750G with Radeon Graphics	2681	697	NA	NA
Intel Iris Xe	2660	698	NA	NA
GeForce GTX 465	2653	699	13.61	\$195.00*
FirePro R5000	2646	700	24.06	\$109.99*
MONSTER GeForce GTX 675M	2637	701	NA	NA
Radeon Pro WX 3100	2628	702	NA	NA
Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP	2613	703	NA	NA
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU	2601	704	NA	NA
Radeon Ryzen 9 4900H	2600	705	NA	NA
Radeon HD 6950	2599	706	18.57	\$139.99*


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GeForce GTX 990A	2593	709	NA	NA
Radeon Ryzen 7 4700G	2583	710	NA	NA
GeForce GTX 950M	2575	711	4.54	\$567.00*
Ryzen 5 5600G with Radeon Graphics	2570	712	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2566	713	NA	NA
Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP	2565	714	NA	NA
Radeon Ryzen 5 7430U	2564	715	NA	NA
Radeon Ryzen 5 PRO 5655G	2562	716	NA	NA
Radeon Ryzen 5 5500GT	2561	717	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	718	NA	NA
Radeon Ryzen 5 PRO 6650H	2548	719	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2547	720	NA	NA
GRID K240Q	2541	721	NA	NA
Radeon Ryzen 7 5800HS	2539	722	NA	NA
Radeon HD 6850 X2	2534	723	NA	NA
FireStream 9370	2528	724	NA	NA
GeForce GTX 650 Ti	2527	725	27.17	\$93.05*
N18E-Q1	2525	726	NA	NA
GeForce GTX 850M	2524	727	NA	NA
P106-090	2520	728	NA	NA
Radeon Ryzen 7 PRO 4750G	2496	729	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	730	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2481	731	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2476	732	NA	NA
Radeon Ryzen 5 5600GE	2470	733	NA	NA
Barco MXRT 5600	2465	734	3.50	\$704.00*
Ryzen 5 PRO 5650GE with Radeon Graphics	2455	735	NA	NA
Radeon Ryzen 5 5600GT	2451	736	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
A16-2B	2442	737	NA	NA
FirePro 3D V8800	2437	738	5.74	\$424.99*
Ryzen 7 7730U with Radeon Graphics	2433	739	NA	NA
GeForce GT 1030	2431	740	22.81	\$106.62

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card 				
Radeon Ryzen 7 5800U	2403	743	NA	NA
Radeon RX Vega 11 PRD	2401	744	NA	NA
Radeon Pro WX 3200	2398	745	13.95	\$171.87*
GeForce MX330	2393	746	NA	NA
GeForce MX250	2390	748	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2390	747	NA	NA
Radeon Ryzen 7 5825U	2389	749	NA	NA
GRID M10-1Q	2384	750	NA	NA
Radeon Ryzen 7 PRO 4750GE	2379	751	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2369	752	NA	NA
Radeon Pro	2365	753	5.52	\$429.00
Radeon RX 550X	2365	754	NA	NA
GRID M10-2B	2363	755	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	756	NA	NA
GeForce GTX 485M	2359	758	NA	NA
Ryzen 5 4600G with Radeon Graphics	2359	757	NA	NA
FirePro W6150M	2358	759	NA	NA
FirePro M6100	2351	761	NA	NA
Ryzen 7 5825U with Radeon Graphics	2351	760	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	762	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2341	763	NA	NA
Radeon R9 M470	2330	764	NA	NA
Radeon RX Vega Ryzen 3 5300U	2329	765	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2326	766	NA	NA
Radeon Ryzen 5 PRO 5650GE	2325	767	NA	NA
Radeon Ryzen 7 4800U	2320	768	NA	NA
Radeon Ryzen 9 7900X 12-Core	2317	769	NA	NA
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	770	NA	NA
Ryzen 7 5800U with Radeon Graphics	2310	771	NA	NA
Radeon Ryzen 7 PRO 7730U	2305	773	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	772	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2299	774	NA	NA
Ryzen 5 5600H with Radeon Graphics	2297	775	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
FirePro V8900	2200	770	11.92	\$190.00
Radeon HD 5970	2275	779	3.16	\$721.20*
GeForce GTX 460	2272	780	25.25	\$89.99*
Radeon HD 6970M	2270	781	10.51	\$215.99*
Ryzen 5 7430U with Radeon Graphics	2270	782	NA	NA
Radeon R7 250X	2268	783	11.70	\$194.00*
Quadro K3100M	2261	784	5.66	\$399.95*
GeForce MX150	2260	785	38.12	\$59.29*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 5700U	2259	786	NA	NA
FirePro V7900	2254	787	11.87	\$190.00*
Ryzen 5 7530U with Radeon Graphics	2250	789	NA	NA
Ryzen 7 9700X 8-Core Processor	2250	788	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	2249	790	NA	NA
Ryzen 7 5700U with Radeon Graphics	2241	791	NA	NA
Ryzen 7 Extreme Edition	2240	792	NA	NA
Radeon Ryzen 5 7530U	2234	793	NA	NA
Radeon Ryzen 5 PRO 4655G	2232	794	NA	NA
Ryzen 5 5500GT with Radeon Graphics	2224	795	NA	NA
GRID P100-1B	2223	796	NA	NA
RadeonT 660M	2220	797	NA	NA
Quadro K620	2219	798	1.09	\$2,029.99*
Radeon Ryzen Embedded V2748	2216	799	NA	NA
Radeon HD 6870	2208	800	7.89	\$280.00*
Ryzen 5 5600GT with Radeon Graphics	2200	801	NA	NA
Radeon HD 5870	2194	802	5.10	\$429.99*
Quadro M600M	2190	803	8.69	\$251.99*
Ryzen 7 4700G with Radeon Graphics	2186	804	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2185	805	NA	NA
Radeon HD 7770	2173	806	7.25	\$300.00*
Radeon RX Vega 11 Ryzen 5 3400G	2164	807	NA	NA
Radeon Ryzen 3 7335U	2158	808	NA	NA
GRID P4-1B	2151	809	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Ryzen 5 PRO 7350U with Radeon Graphics	2144	812	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2144	813	NA	NA
Radeon Ryzen 7 PRO 5875U	2136	815	NA	NA
Ryzen 5 4600H with Radeon Graphics	2136	814	NA	NA
GeForce GTX 745	2133	816	7.49	\$284.95*
VirtualMonitor Device	2130	817	NA	NA
Radeon 550	2124	818	14.94	\$142.20*
Radeon Eng Sample: 100-000000146-20_37/30_Y	2123	819	NA	NA
Radeon Ryzen 5 5625U	2120	820	NA	NA
Radeon Ryzen 7 PRO 5755GE	2117	821	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	822	NA	NA
Radeon 660M Ryzen 3 7335U	2112	823	NA	NA
GeForce 945M	2108	824	NA	NA
Radeon RX Vega 11	2105	825	2.10	\$1,002.00*
FirePro M5100	2102	826	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2098	827	NA	NA
Ryzen 5 5560U with Radeon Graphics	2098	828	NA	NA
Intel G35 Express	2097	830	NA	NA
Radeon Ryzen 5 5600U	2097	829	NA	NA
Radeon Pro WX 4130	2086	831	NA	NA
Quadro P520	2079	832	1.39	\$1,499.00*
GeForce GTX 580M	2074	833	8.34	\$248.68*
Radeon Ryzen 3 PRO 7335U	2070	834	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M6-1Q	2069	835	NA	NA
GRID M10-8Q	2068	836	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	837	NA	NA
Radeon R9 M385	2060	838	NA	NA
Radeon TM R9 A360	2060	839	NA	NA
Intel UHD Graphics P630	2059	841	NA	NA
Quadro 5000M	2059	840	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2049	842	NA	NA
Radeon Ryzen 5 5500U	2047	843	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Ryzen 7 4700U with Radeon Graphics	2034	843	NA	NA
Radeon Ryzen 5 5560U	2031	847	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	848	NA	NA
FirePro V7800	2028	849	10.68	\$190.00*
Radeon Vega 11 Ryzen 5 PRO 3400G	2023	850	NA	NA
Radeon Ryzen 7 PRO 4750U	2021	851	NA	NA
GeForce GTX 765M	2015	852	10.82	\$186.30*
Radeon RX 540	2013	853	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	854	NA	NA
GeForce GT 645	2005	855	NA	NA
Radeon Ryzen 9 7900 12-Core	2001	856	NA	NA
Intel Iris Pro 580	1998	857	NA	NA
Radeon Ryzen Embedded V2718	1998	858	NA	NA
Moore Threads S3000 MTvGPU-1132	1997	859	NA	NA
Ryzen 5 5625U with Radeon Graphics	1996	860	NA	NA
Radeon Vega 8 Ryzen 3 3200GE	1994	861	NA	NA
Radeon R9 M385X	1993	862	NA	NA
Radeon Ryzen 7 7700X 8-Core	1992	863	NA	NA
GeForce GTX 460 SE	1990	864	12.44	\$159.99*
Radeon R7 + R7 350 Dual	1982	865	NA	NA
Radeon R9 350	1980	866	6.63	\$299.00*
Ryzen 3 7335U with Radeon Graphics	1980	867	NA	NA
Quadro K4000M	1977	868	7.79	\$254.00*
GeForce GTX 670MX	1971	870	NA	NA
Intel Iris Xe MAX	1971	869	NA	NA
Ryzen 5 5500U with Radeon Graphics	1970	871	NA	NA
Radeon HD 5850	1967	872	6.81	\$288.99*
Intel Iris Xe MAX 100	1964	874	NA	NA
Ryzen 3 5300G with Radeon Graphics	1964	873	NA	NA
Qualcomm Adreno 8cx Gen 3	1962	875	NA	NA
Radeon R7 + HD 7700 Dual	1962	876	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	878	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	1958	877	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GeForce GTX 470M	1933	881	NA	NA
Radeon HD 6850	1951	883	9.44	\$206.66*
Radeon Ryzen 3 PRO 5355GE	1951	882	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 5300GE with Radeon Graphics	1950	884	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	1941	885	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1931	886	NA	NA
GeForce GTX 675M	1925	887	NA	NA
Radeon RX 570X	1923	888	12.57	\$153.01*
Radeon Ryzen 5 PRO 5675U	1920	889	NA	NA
Radeon HD 7560D + 7700 Dual	1919	890	NA	NA
Intel UHD Graphics 770	1906	891	NA	NA
Matrox C680 PCIe x16	1903	892	NA	NA
Ryzen 5 4600U with Radeon Graphics	1903	893	NA	NA
Radeon HD 7700-serie	1899	894	NA	NA
Quadro M520	1898	895	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	897	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1892	896	NA	NA
Radeon R7 450	1891	898	6.33	\$299.00*
Citrix Indirect Display Adapter	1888	899	NA	NA
GeForce GTX 645	1880	900	NA	NA
GeForce GTX 570M	1877	901	NA	NA
Radeon Pro WX 2100	1872	902	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1870	903	NA	NA
Radeon Ryzen 5 7600X3D 6-Core	1869	904	NA	NA
Intel HD 5600	1868	905	NA	NA
FirePro 3D V7800	1867	906	3.11	\$599.99*
GeForce GTX 460 v2	1865	907	9.33	\$199.99*
Radeon Ryzen Embedded R2544	1864	908	NA	NA
Radeon Vega 11	1861	909	NA	NA
Ryzen 5 9600X 6-Core Processor	1858	910	NA	NA
GeForce 945A	1852	911	NA	NA
GeForce GTX 560 SE	1847	912	20.53	\$89.99*