

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 4090	38570	1	21.43	\$1,799.99
GeForce RTX 4090 D	37631	2	NA	NA
GeForce RTX 4080	34625	3	27.26	\$1,270.25
RTX 5880 Ada Generation	34568	4	NA	NA
GeForce RTX 4080 SUPER	34190	5	34.19	\$999.99
GeForce RTX 4070 Ti	31794	6	43.55	\$729.99
GeForce RTX 4070 Ti SUPER	31692	7	40.12	\$789.99
Radeon RX 7900 XTX	30975	8	34.69	\$892.99
GeForce RTX 4070 SUPER	30155	9	50.26	\$599.99
GeForce RTX 3090 Ti	29695	10	15.21	\$1,952.90
Radeon PRO W7900	29062	11	NA	NA
Radeon RX 7900 XT	28719	12	41.62	\$689.97
Radeon PRO W7800	28601	13	NA	NA
Radeon RX 6950 XT	28217	14	28.22	\$999.99*
RTX 6000 Ada Generation	27923	15	NA	NA
GeForce RTX 4090 Laptop GPU	27812	16	NA	NA
RTX 4500 Ada Generation	27646	17	NA	NA
GeForce RTX 3080 Ti	27122	18	24.52	\$1,106.16
GeForce RTX 4070	26958	19	49.02	\$549.99
Radeon RX 6900 XT	26813	20	17.76	\$1,509.67
Radeon RX 7900 GRE	26753	21	43.86	\$609.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3080 12GB	26673	23	NA	NA
RTX 5000 Ada Generation	26342	24	NA	NA
GeForce RTX 3080	25236	25	37.11	\$679.99
RTX 4000 Ada Generation	25225	26	NA	NA
GeForce RTX 4080 Laptop GPU	25182	27	NA	NA
Radeon RX 6800 XT	25029	28	23.95	\$1,045.27
Radeon RX 7800 XT	24187	29	50.39	\$479.99
RTX 5000 Ada Generation Laptop GPU	23999	30	NA	NA
GeForce RTX 3070 Ti	23596	31	36.24	\$651.08
GeForce RTX 4060 Ti	22903	32	61.08	\$374.99
GeForce RTX 4060 Ti 16GB	22870	33	53.19	\$429.99
RTX 4000 Ada Generation Laptop GPU	22849	34	NA	NA
RTX A5000	22816	35	10.23	\$2,229.99*
RTX A6000	22529	36	5.48	\$4,109.99*
GeForce RTX 3070	22374	37	45.66	\$489.99
Radeon RX 7900M	22365	38	NA	NA
RTX A5500	22343	39	10.30	\$2,169.99*
Radeon RX 7700 XT	22260	40	63.60	\$349.99
Radeon RX 6800	22209	41	56.93	\$390.10
NVIDIA A10	22064	42	NA	NA
GRID RTX6000-6Q	21986	43	NA	NA
GeForce RTX 2080 Ti	21756	44	16.74	\$1,299.99*
RTX A4500	21705	45	13.30	\$1,631.98
Radeon 610M Ryzen 9 7845HX	21622	46	NA	NA
RTX 4000 SFF Ada Generation	20853	47	NA	NA
Radeon RX 6750 XT	20780	48	60.87	\$341.38
GeForce RTX 3060 Ti	20506	49	42.57	\$481.69
TITAN RTX	19950	50	7.98	\$2,499.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon PRO W6800	19887	51	10.75	\$1,849.99*
Radeon RX 6700 XT	19877	52	25.77	\$771.42
GeForce RTX 4060	19854	53	67.31	\$294.99
Quadro GV100	19824	54	2.20	\$8,999.00*
GeForce RTX 3080 Ti Laptop GPU	19756	55	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 SUPER	19575	57	28.58	\$684.80
GeForce RTX 4070 Laptop GPU	19527	58	NA	NA
Radeon PRO W7700	19480	59	NA	NA
RTX A4000	19403	60	25.87	\$749.99*
Radeon RX 6700	19311	61	NA	NA
Radeon RX 6750 GRE 12GB	19296	62	NA	NA
Quadro RTX 8000	19278	63	4.07	\$4,741.49*
TITAN Xp COLLECTORS EDITION	19105	64	NA	NA
RTX 3500 Ada Generation Laptop GPU	18946	65	NA	NA
GeForce RTX 2080	18793	66	23.47	\$800.61*
NVIDIA A10G	18773	67	NA	NA
NVIDIA TITAN Xp	18768	68	11.41	\$1,645.00*
Quadro RTX 6000	18733	69	2.97	\$6,300.00*
GeForce GTX 1080 Ti	18558	70	38.36	\$483.82*
Radeon RX 6750 GRE 10GB	18287	71	NA	NA
GeForce RTX 2070 SUPER	18231	72	33.76	\$539.99*
GeForce RTX 3070 Ti Laptop GPU	17986	73	NA	NA
RTX 2000 Ada Generation	17691	74	NA	NA
GeForce RTX 4060 Laptop GPU	17667	75	NA	NA
RTX A4500 Laptop GPU	17570	76	NA	NA
Radeon RX 6850M XT	17473	77	NA	NA
RTX A5500 Laptop GPU	17353	78	NA	NA
Radeon RX 7600 XT	17312	79	55.85	\$309.99
Radeon RX 6650 XT	17239	80	65.36	\$263.77
GeForce RTX 3060 12GB	17006	81	60.96	\$279.00
TITAN V CEO Edition	16987	82	NA	NA
Radeon VII	16679	83	8.78	\$1,899.95*
RTX 3000 Ada Generation Laptop GPU	16662	84	NA	NA
Radeon RX 5700 XT	16587	85	37.97	\$436.85*
Radeon RX 5700 XT 50th Anniversary	16572	86	NA	NA
GeForce RTX 2060 SUPER	16544	87	39.77	\$415.98*
Radeon RX 6600 XT	16514	88	33.10	\$499.00
Radeon RX 7600	16452	89	65.81	\$249.99
GeForce RTX 3080 Laptop GPU	16448	90	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070	16154	92	41.48	\$389.40
RTX A5000 Laptop GPU	15997	93	NA	NA
Quadro RTX 5000	15963	94	NA	NA
GeForce RTX 2060 12GB	15915	95	NA	NA
Radeon PRO W6600	15601	96	NA	NA
Radeon Pro Vega II	15596	97	NA	NA
GeForce GTX 1080	15542	98	35.10	\$442.79*
GeForce RTX 3070 Laptop GPU	15481	99	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6800S	15400	100	NA	NA
Quadro RTX 4000	15395	101	17.13	\$899.00*
GeForce RTX 3060 8GB	15355	102	NA	NA
RTX A4000 Laptop GPU	15309	103	NA	NA
Quadro P6000	15307	104	4.71	\$3,250.00*
RTX 2000 Ada Generation Laptop GPU	15306	105	NA	NA
Radeon RX 6600	15140	106	75.71	\$199.99
GeForce RTX 2080 (Mobile)	15107	107	NA	NA
Radeon RX 6650M	15084	108	NA	NA
Radeon Pro W5700	15057	109	23.17	\$649.99*
Radeon RX 7700S	15006	110	NA	NA
Radeon RX 6700S	14953	111	49.85	\$299.99
Quadro RTX 5000 (Mobile)	14832	112	NA	NA
GeForce GTX 1070 Ti	14696	113	25.78	\$569.99*
NVIDIA A40	14664	114	NA	NA
Radeon RX 7600S	14508	115	NA	NA
GeForce RTX 4050 Laptop GPU	14486	116	NA	NA
Radeon RX 5700	14458	117	46.64	\$309.99*
L40S	14397	118	NA	NA
RTX A3000 12GB Laptop GPU	14341	119	NA	NA
Radeon RX Vega 64	14331	120	19.11	\$749.99*
Radeon PRO W7500	14225	121	NA	NA
GeForce RTX 2060	14149	122	34.60	\$409.00
RTX 1000 Ada Generation Laptop GPU	14054	123	NA	NA
Radeon Pro Vega II Duo	14018	124	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2080 Super with Max-Q Design	13850	126	NA	NA
RadeonT RX 6850M XT	13847	127	NA	NA
GeForce GTX 980 Ti	13808	128	21.42	\$644.61*
GeForce RTX 2070 Super with Max-Q Design	13771	130	NA	NA
Radeon RX 6600M	13771	129	68.86	\$199.99*
RTX A2000	13753	131	31.67	\$434.33*
RTX A2000 12GB	13711	132	NA	NA
Radeon Pro Vega 64X	13708	133	NA	NA
Radeon RX 6600S	13678	134	NA	NA
NVIDIA TITAN X	13659	135	22.46	\$608.10*
Radeon RX 5600 XT	13644	136	25.04	\$545.00*
Radeon Pro WX 8200	13581	137	8.49	\$1,599.39*
GeForce GTX 1070	13502	138	25.48	\$529.99*
Radeon RX 6700M	13489	139	49.96	\$269.99*
Quadro RTX 5000 with Max-Q Design	13480	140	NA	NA
GeForce RTX 3060 Laptop GPU	13354	141	43.08	\$309.99*
Radeon RX 6800M	13268	142	NA	NA
Radeon RX Vega 56	13230	143	17.57	\$752.99*
Radeon Vega Frontier Edition	13225	144	7.87	\$1,679.99*
Radeon PRO W6600X	13113	145	NA	NA
GeForce RTX 2080 with Max-Q Design	13105	146	6.24	\$2,099.99*
Intel Arc A770	13024	147	46.52	\$279.99
Radeon RX 7600M XT	13007	148	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX TITAN X	12941	149	11.80	\$1,096.99*
Radeon Pro Vega 64	12920	150	NA	NA
GeForce GTX 1660 Ti	12916	151	41.96	\$307.79
GeForce RTX 3050 8GB	12805	152	69.23	\$184.99
Radeon Pro VII	12800	153	NA	NA
GeForce GTX 1660 SUPER	12753	154	55.94	\$227.99
Tesla T10	12650	155	NA	NA
Radeon Pro 5700 XT	12613	156	NA	NA
Quadro P5000	12532	157	6.71	\$1,868.99*
Quadro P5200 with Max-Q Design	12530	158	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K1X 4000 with Max-Q Design	12487	160	NA	NA
Radeon Pro WX 9100	12470	161	NA	NA
Quadro RTX 4000 (Mobile)	12410	162	NA	NA
GeForce RTX 2070 (Mobile)	12354	163	NA	NA
Radeon Pro Vega 56	12353	164	NA	NA
Tesla V100-PCIE-16GB	12328	165	NA	NA
Radeon RX 6850M	12274	166	NA	NA
Radeon Pro V520 MxGPU	12257	167	NA	NA
Quadro P5200	12238	168	NA	NA
Tesla P40	12190	169	NA	NA
Radeon RX 5600 OEM	12004	170	NA	NA
GeForce RTX 3050 OEM	11971	171	68.42	\$174.97*
Intel Arc A750	11912	172	59.57	\$199.99
Quadro M6000 24GB	11882	173	NA	NA
Radeon Pro 5700	11844	174	NA	NA
Quadro M6000	11779	175	2.44	\$4,827.53*
GeForce RTX 2070 with Max-Q Design	11691	176	NA	NA
GeForce GTX 1660	11680	177	44.85	\$260.46
Quadro P4000	11630	178	20.91	\$556.19*
Intel Arc A580	11605	179	64.49	\$179.97
RTX 500 Ada Generation Laptop GPU	11547	180	NA	NA
GeForce GTX 1080 with Max-Q Design	11520	181	NA	NA
Intel Arc A770M	11518	182	NA	NA
Radeon RX 5600	11489	183	NA	NA
RTX A1000	11482	184	NA	NA
Quadro P4200 with Max-Q Design	11446	185	NA	NA
RTX A1000 Embedded GPU	11368	186	NA	NA
GeForce RTX 2060 (Mobile)	11354	187	NA	NA
Radeon Pro Vega 48	11299	188	NA	NA
GeForce GTX 980	11098	189	44.87	\$247.35*
Quadro RTX 3000	11075	190	NA	NA
Radeon Pro SSG	10971	191	4.55	\$2,410.15*
RTX A2000 8GB Laptop GPU	10938	192	NA	NA
RTX A4500 Embedded GPU	10916	193	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3050 6GB	10630	195	65.62	\$161.99
Intel Arc A730M	10487	196	NA	NA
GeForce GTX 1070 (Mobile)	10465	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla M40	10465	198	17.44	\$600.00*
Quadro P4200	10418	199	NA	NA
Tesla M40 24GB	10417	200	NA	NA
SuperDisplay Virtual Adapter	10390	201	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10322	202	NA	NA
RTX A1000 6GB Laptop GPU	10233	203	NA	NA
GeForce GTX 1660 Ti (Mobile)	10188	204	NA	NA
GeForce GTX 1650 SUPER	10159	205	45.75	\$222.06*
GeForce RTX 3050 Ti Laptop GPU	10145	206	NA	NA
GeForce GTX 1060	10074	207	29.63	\$339.99
RTX A2000 Laptop GPU	9934	208	NA	NA
GeForce GTX 1070 with Max-Q Design	9922	209	NA	NA
GRID P40-2B	9842	210	NA	NA
GeForce GTX 1060 3GB	9761	211	41.46	\$235.47*
GeForce RTX 2060 with Max-Q Design	9753	212	NA	NA
Radeon R9 Fury + Fury X	9741	213	21.65	\$449.99*
GeForce GTX 970	9637	214	40.50	\$237.99*
Radeon R9 Fury X	9594	215	NA	NA
Radeon R9 Fury	9593	216	21.65	\$443.10*
Radeon RX 6500 XT	9562	217	50.33	\$189.99
Radeon PRO W6600M	9521	218	NA	NA
GeForce GTX 780 Ti	9514	219	27.98	\$339.99*
RTX A1000 Laptop GPU	9493	220	NA	NA
Radeon RX 6550M	9461	221	NA	NA
GeForce RTX 3050 Laptop GPU	9456	222	35.03	\$269.99*
Radeon R9 390X	9417	223	NA	NA
Quadro M5000	9404	224	18.85	\$499.00*
Radeon RX 590	9393	225	17.08	\$549.99*
Quadro P3200 with Max-Q Design	9327	226	NA	NA
Quadro P2200	9318	227	20.27	\$459.80*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 5600M	9232	229	NA	NA
Radeon RX 5500 XT	9148	230	50.46	\$181.29*
Radeon Pro W5500	9117	231	22.24	\$409.99*
Quadro P4000 with Max-Q Design	9082	232	NA	NA
GeForce GTX 1060 5GB	9058	233	18.56	\$487.99*
GeForce GTX TITAN Black	8971	234	7.27	\$1,234.61
GeForce GTX TITAN Z	8941	235	5.90	\$1,515.00*
Radeon R9 390	8909	236	NA	NA
Tesla P4	8868	237	NA	NA
Radeon RX 580	8859	238	49.22	\$179.99*
Quadro P3200	8850	239	22.73	\$389.30*
Radeon RX 5500	8791	240	NA	NA
Radeon RX 5600M	8744	241	NA	NA
GRID P40-24Q	8719	242	NA	NA
Radeon R9 290X	8622	244	NA	NA
Radeon RX 480	8622	243	25.36	\$339.99*
Radeon R9 295X2	8617	245	17.27	\$499.10*
GeForce GTX 1660 Ti with Max-Q Design	8600	246	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Parsec Virtual Display Adapter	8599	247	NA	NA
Radeon RX590 GME	8568	248	NA	NA
GRID RTX6000-1B	8473	249	NA	NA
Radeon R9 290X / 390X	8389	250	26.22	\$319.99*
Radeon Pro 5500 XT	8375	251	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	252	NA	NA
Radeon R9 290	8298	253	NA	NA
Quadro RTX 3000 with Max-Q Design	8255	254	NA	NA
GeForce GTX Titan	8189	255	10.99	\$745.00*
Radeon Pro Duo	8164	256	2.06	\$3,970.36*
GeForce GTX 1060 (Mobile)	8160	257	NA	NA
Radeon R9 290 / 390	8150	258	21.45	\$380.00*
CMP 30HX	8135	259	NA	NA
EIZO Quadro MED-XN72	8100	260	NA	NA
Quadro K6000	8067	261	38.30	\$210.66*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 4700/5700	8005	263	20.58	\$388.99
Ryzen 9 6900HS	8005	264	NA	NA
GeForce GTX 780	8003	265	28.58	\$279.99*
Quadro M5500	7915	266	NA	NA
Radeon Pro WX 7100	7905	267	7.54	\$1,047.99*
GeForce GTX 1060 with Max-Q Design	7904	268	NA	NA
Radeon 890M	7884	269	NA	NA
GeForce GTX 1650	7876	270	52.51	\$149.99
T1200 Laptop GPU	7851	271	NA	NA
Radeon RX 580X	7798	272	NA	NA
Radeon RX 6500M	7789	273	NA	NA
Radeon 880M	7782	274	NA	NA
Radeon Pro 580	7753	275	NA	NA
Radeon RX 6500	7723	276	NA	NA
Radeon RX 580 2048SP	7699	277	NA	NA
GeForce RTX 2050	7666	278	NA	NA
T1000	7639	279	25.13	\$303.99
FirePro W9100	7580	280	4.38	\$1,729.99*
T1000 8GB	7576	281	NA	NA
Radeon RX 6400	7570	282	47.61	\$159.00
Radeon RX 5300	7561	283	NA	NA
Tesla M60	7551	284	9.58	\$787.90*
GeForce GTX 1650 Ti	7543	285	NA	NA
Radeon Pro 580X	7540	286	NA	NA
GRID P40-8Q	7432	287	NA	NA
Ryzen 9 4900HS with Radeon Graphics	7418	288	NA	NA
GeForce GTX 980M	7355	289	25.37	\$289.99*
Radeon Pro W5500X	7350	290	NA	NA
FirePro W8100	7332	291	10.42	\$704.00*
Radeon Ryzen 9 6900HS	7268	292	NA	NA
Tesla P100-PCI-E-16GB	7225	293	1.27	\$5,699.00*
Quadro T2000	7176	294	13.58	\$528.35*
Radeon Pro 5300	7143	295	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
1000 Laptop GPU	1011	297	NA	NA
Radeon 780M	7052	298	NA	NA
AMD Ryzen Z1 Extreme	7042	299	NA	NA
A10-8Q	7041	300	NA	NA
Quadro M5000M	7020	301	12.84	\$546.92*
GeForce GTX 1650 (Mobile)	6968	302	NA	NA
Quadro P2000	6927	303	15.76	\$439.60*
Quadro T2000 with Max-Q Design	6910	304	NA	NA
GRID P4-4Q	6843	305	NA	NA
GeForce RTX 3050 4GB Laptop GPU	6780	306	NA	NA
CMP 40HX	6778	307	NA	NA
Radeon Pro 5500M	6771	308	NA	NA
RTX A500 Laptop GPU	6741	309	NA	NA
GRID P4-8Q	6733	310	NA	NA
Radeon Pro WX 7130	6715	311	NA	NA
GeForce GTX 970XM FORCE	6706	312	NA	NA
Quadro T1000 with Max-Q Design	6705	313	NA	NA
Quadro M4000	6689	314	18.48	\$362.00*
Ryzen 7 6800HS with Radeon Graphics	6677	315	NA	NA
Radeon RX Vega M GH	6584	316	NA	NA
Quadro P3000	6520	317	NA	NA
T600	6470	318	26.96	\$239.99*
Quadro T1000	6460	319	17.46	\$369.99*
P106-100	6455	320	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6414	321	NA	NA
Radeon Pro 570	6336	322	NA	NA
GeForce GTX 1050 Ti	6314	323	14.75	\$428.15
Tesla M6	6284	324	31.58	\$199.00*
Intel Arc A530M	6237	325	NA	NA
Intel Arc A380	6230	326	51.93	\$119.99*
Radeon Ryzen 7 6800HS	6209	327	NA	NA
Radeon R9 380X	6186	328	17.68	\$349.99*
Radeon R9 280X	6182	329	NA	NA
GeForce GTX 1650 with Max-Q Design	6179	330	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card ▼				
Quadro M4000M	6143	332	24.10	\$254.91*
Radeon R9 380	6139	333	68.22	\$89.99*
FirePro W9000	6138	334	7.26	\$845.00*
Ryzen 9 6900HS with Radeon Graphics	6097	335	NA	NA
Radeon Ryzen 9 PRO 6950H	6089	336	NA	NA
Quadro K5200	6081	337	14.66	\$415.00*
GeForce GTX 960	6077	338	35.33	\$172.00*
GeForce RTX 3050 A Laptop GPU	6038	339	NA	NA
GeForce MX570 A	5974	340	NA	NA
Radeon Pro 5300M	5959	341	NA	NA
GRID P100-16Q	5944	342	NA	NA
GeForce GTX 770	5921	343	23.78	\$249.00*
GeForce GTX 1050 Ti (Mobile)	5918	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla K80	5852	345	9.85	\$593.95*
Matrox LUMA A380P	5805	346	NA	NA
Radeon Ryzen 7 7736U	5791	347	NA	NA
Radeon 760M	5773	348	NA	NA
Radeon Ryzen 7 PRO 6850H	5763	349	NA	NA
Ryzen 9 PRO 6950H	5758	350	NA	NA
GeForce MX570	5741	351	NA	NA
GeForce GTX 970M	5719	352	27.24	\$209.99*
Radeon PRO Ryzen 7 PRO 6850U	5708	353	NA	NA
GRID T4-8Q	5680	354	NA	NA
RadeonT 680M Ryzen 7 7735HS	5650	355	NA	NA
Radeon TM	5638	356	NA	NA
Quadro M3000M	5593	357	34.97	\$159.95*
Ryzen 7 PRO 6850U	5580	358	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5570	359	NA	NA
Radeon HD 7990	5565	360	13.91	\$399.99*
Radeon Pro WX 5100	5565	361	15.46	\$359.99*
GeForce GTX 680	5562	362	13.94	\$399.00*
GeForce GTX 690	5561	363	19.79	\$280.99*
Intel Arc Pro	5558	364	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 285 / 380	5549	366	11.44	\$485.00*
Radeon RX 5500M	5541	367	NA	NA
GRID M60-8A	5523	368	NA	NA
Intel Arc A310	5496	369	49.97	\$109.99
Radeon PRO W6300	5482	370	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5460	371	NA	NA
Radeon Ryzen 7 6800H	5451	372	NA	NA
GeForce GTX 760 Ti OEM	5427	373	NA	NA
Radeon RX 6300	5418	374	NA	NA
Ryzen 9 6900HX with Radeon Graphics	5388	375	NA	NA
Ryzen 7 6800HS Creator Edition	5382	376	NA	NA
GRID P40-4Q	5364	377	NA	NA
Radeon Ryzen 7 7735HS	5352	378	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5351	379	NA	NA
GeForce GTX 950	5335	380	37.58	\$141.99*
GeForce GTX 670	5326	381	27.46	\$193.98*
Radeon Pro Vega 20	5299	382	NA	NA
Intel Arc 140V GPU	5287	383	NA	NA
Quadro P2000 with Max-Q Design	5285	384	NA	NA
FirePro W7100	5264	385	13.52	\$389.30*
Radeon HD 7970 / R9 280X	5247	386	21.25	\$246.99*
Ryzen 7 6800H	5247	387	NA	NA
GeForce GTX 760 Ti	5240	388	17.62	\$297.50*
Ryzen 7 6800HS	5237	389	NA	NA
A16	5235	390	NA	NA
Ryzen 7 7735U with Radeon Graphics	5215	391	NA	NA
Radeon HD 8990	5214	392	NA	NA
Intel Arc	5211	393	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID M60-2Q	5203	394	NA	NA
Radeon Ryzen 7 7735U	5197	395	NA	NA
Radeon R9 M395X	5194	396	NA	NA
Radeon Ryzen 7 7735H	5190	397	NA	NA
Radeon Ryzen 7 PRO 6850U	5169	398	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M295X	5150	400	3.55	\$1,449.00*
Radeon Ryzen 7 PRO 6850HS	5138	401	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5127	402	NA	NA
Intel Arc A370M	5115	404	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5115	403	NA	NA
GeForce GTX 1050 3GB	5109	405	NA	NA
Ryzen 7 PRO 6860Z	5076	406	NA	NA
FirePro S9000	5059	407	NA	NA
EIZO Quadro MED-XN51LP	5048	408	NA	NA
GeForce GTX 1050	5037	409	21.08	\$239.00*
Ryzen 7 6800U	5006	410	NA	NA
Radeon Instinct MI25 MxGPU	4978	411	NA	NA
GeForce GTX 1630	4976	412	26.19	\$189.99*
Barco MXRT 7600	4943	413	8.20	\$602.59*
Radeon R9 M395	4911	414	NA	NA
FirePro S9050	4901	415	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	416	NA	NA
Radeon R9 270X	4868	417	14.91	\$326.50*
GRID P40-2Q	4843	418	NA	NA
Ryzen 7 6800U with Radeon Graphics	4829	419	NA	NA
T550 Laptop GPU	4828	420	NA	NA
Radeon Pro Vega 16	4809	421	NA	NA
Ryzen 7 6800H with Radeon Graphics	4801	422	NA	NA
GeForce GTX 760	4792	423	32.17	\$149.00*
GRID RTX6000P-6Q	4777	424	NA	NA
Radeon Eng_Sample: 100-000000560-40_Y	4772	425	NA	NA
FirePro S10000	4768	426	NA	NA
Radeon HD 7950 / R9 280	4764	427	19.78	\$240.83*
Radeon R9 370	4722	428	29.51	\$159.99*
Radeon Sky 500	4709	429	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	430	NA	NA
Radeon Pro WX Vega M GL	4643	431	NA	NA
Radeon HD 7870	4634	432	26.33	\$176.00*
Radeon Ryzen 7 PRO 6860Z	4594	433	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen / 6800U	4578	435	NA	NA
B8DKMDAP	4557	436	NA	NA
GeForce MX550	4555	437	NA	NA
Radeon Pro 465	4537	438	NA	NA
FirePro S7000	4523	439	18.35	\$246.54*
Radeon R7 370	4512	440	NA	NA
Tesla K40c	4494	441	NA	NA
Radeon HD 7870 XT	4469	442	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1050 (Mobile)	4461	443	NA	NA
Quadro P1000	4458	444	15.37	\$289.99*
GRID M60-1B	4456	445	NA	NA
Intel Arc A310 LP	4436	446	NA	NA
Radeon Ryzen 7 Pro 7735U	4435	447	NA	NA
Tesla K20m	4432	448	NA	NA
GeForce GTX 660 Ti	4429	450	30.76	\$144.00*
GRID P6-4Q	4429	449	NA	NA
FirePro W7000 Adapter	4359	451	NA	NA
GRID GTX P40-6	4340	452	NA	NA
Quadro K4200	4324	453	17.37	\$249.00*
Radeon RX 5300M	4307	454	NA	NA
Radeon R9 270	4306	455	NA	NA
FirePro W7000	4288	456	15.42	\$278.05*
Radeon R9 270 / R7 370	4259	457	19.98	\$213.16*
Quadro M2200	4251	458	17.01	\$249.99*
Radeon Ryzen 9 PRO 6950HS	4250	459	NA	NA
NVIDIA A40-8Q	4220	460	NA	NA
A16-4Q	4165	461	NA	NA
GRID V100D-8Q	4155	462	NA	NA
FirePro W8000	4148	463	7.24	\$573.00*
GeForce GTX 680MX	4138	464	NA	NA
GeForce GTX 480	4106	465	24.16	\$169.99*
Radeon RX 460	4102	466	24.60	\$166.81*
GeForce GTX 1050 with Max-Q Design	4069	467	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon I 660M Ryzen 5 7535HS	4051	469	NA	NA
Radeon Eng_Sample: 100-000000561-40_Y	4041	470	NA	NA
Radeon HD 7800-serie	4029	471	NA	NA
Radeon Ryzen 9 7950X 16-Core	4017	472	NA	NA
GeForce GTX 660	3999	473	23.82	\$167.95*
Quadro M2000	3996	474	15.12	\$264.24*
Quadro K5000	3992	475	16.03	\$249.00*
GRID P6-2Q	3925	476	NA	NA
GeForce GTX 570	3924	477	26.16	\$149.99*
GeForce GTX 750 Ti	3902	478	44.29	\$88.11*
GRID M60-8Q	3883	479	NA	NA
Radeon HD 8970M	3876	480	27.69	\$139.99*
Matrox LUMA A310F	3873	481	NA	NA
Radeon HD 7850	3862	482	22.86	\$168.99
GeForce GTX 780M	3854	483	7.72	\$499.00*
GRID M60-4Q	3831	484	NA	NA
GeForce GTX 880M	3817	485	NA	NA
GeForce GTX 965M	3793	486	NA	NA
Radeon RX Vega M GL	3763	487	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3754	488	NA	NA
Barco MXRT 7500	3753	489	12.55	\$299.00*
T400 4GB	3748	490	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	491	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX450	3730	492	NA	NA
GRID M60-1Q	3694	493	NA	NA
P104-100	3694	494	12.32	\$299.99*
Radeon Ryzen 5 6600H	3691	495	NA	NA
Matrox LUMA A310	3690	496	NA	NA
Radeon Pro 560X	3677	497	NA	NA
Radeon Ryzen 5 PRO 6650U	3676	498	NA	NA
Ryzen 5 6600HS Creator Edition	3671	499	NA	NA
T500	3669	500	NA	NA
Radeon R9 M485X	3660	501	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P620	3642	503	6.34	\$574.55*
Radeon Pro WX 4100	3641	504	7.28	\$499.99*
GeForce GTX 775M	3634	505	NA	NA
T400	3631	506	23.43	\$154.99
Radeon R9 M390X	3597	508	NA	NA
Radeon Ryzen 7 4800HS	3597	507	NA	NA
GeForce GTX 680M KY_Bullet Edition	3568	509	NA	NA
GRID M6-8Q	3568	510	NA	NA
Radeon Ryzen 5 7535HS	3565	511	NA	NA
RTX A400	3564	512	NA	NA
Quadro K2200	3551	513	13.24	\$268.30*
Radeon 660M Ryzen 5 7535HS	3546	514	NA	NA
Radeon HD 7970M	3529	515	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	516	NA	NA
Ryzen 5 6600H with Radeon Graphics	3525	517	NA	NA
Ryzen 5 PRO 6650U	3519	518	NA	NA
GRID K520	3516	519	23.44	\$149.99*
Ryzen 5 PRO 6650U with Radeon Graphics	3515	520	NA	NA
Radeon Ryzen 7 4800H	3512	521	NA	NA
Quadro 7000	3505	522	NA	NA
Radeon Eng Sample: 100-000000261-50_Y	3490	523	NA	NA
Radeon Pro 560	3475	524	NA	NA
Quadro K2200M	3468	525	27.76	\$124.95*
Quadro M2000M	3467	526	16.27	\$213.16*
Radeon Pro 460	3452	527	NA	NA
GRID T4-2Q	3450	528	NA	NA
GeForce GTX 870M	3449	529	NA	NA
Tesla C2050 / C2070	3428	530	NA	NA
NVIDIA A10-4Q	3424	531	NA	NA
Custom GPU 0932	3395	532	NA	NA
Radeon Ryzen 5 6600U	3394	533	NA	NA
GeForce GTX 960M	3382	534	2.89	\$1,169.00*
NVIDIA A40-12Q	3370	535	NA	NA
Radeon E8870PCIe	3368	537	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 960A	3355	538	NA	NA
GRID M10-1Q	3351	539	NA	NA
GeForce GTX 750	3349	540	24.93	\$134.36
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 650 Ti BOOST	3343	541	NA	NA
GeForce GTX 590	3341	542	7.68	\$435.00*
Snapdragon X Elite - X1E001DE - Qualcomm Adreno GP	3331	543	NA	NA
Radeon Ryzen 5 7535U	3324	544	NA	NA
GRID T4-1Q	3302	545	NA	NA
Radeon Ryzen 5 Pro 7535U	3300	546	NA	NA
Quadro P600	3297	547	15.66	\$210.58*
Tesla K40m	3281	548	NA	NA
GRID P100-8Q	3267	549	NA	NA
Radeon R9 M290X	3262	550	NA	NA
GRID T4-4Q	3260	551	NA	NA
GeForce 770M	3245	552	18.34	\$176.99*
Radeon R9 M470X	3244	553	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	554	NA	NA
Quadro M1200	3232	555	NA	NA
GeForce GTX 680M	3228	556	23.74	\$135.99*
FirePro S7150	3207	557	1.89	\$1,697.99*
GRID P4-8A	3206	558	NA	NA
Radeon RX 560X	3196	559	NA	NA
Radeon 740M	3194	560	NA	NA
Radeon R7 260X	3188	561	22.77	\$139.99*
Radeon R9 260	3181	562	NA	NA
Tesla C2050	3175	563	11.76	\$269.99*
Tesla M10	3171	564	1.18	\$2,695.00*
FirePro V7000	3161	565	NA	NA
FirePro W7170M	3161	566	NA	NA
Quadro K5100M	3144	567	2.84	\$1,108.84*
Radeon Pro 555	3140	568	2.99	\$1,049.00*
Intel Graphics	3129	569	NA	NA
Radeon Pro 455	3112	570	6.93	\$449.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 360	3105	572	21.27	\$145.99*
Radeon HD 7790	3090	573	22.07	\$139.99*
GeForce GTX 860M	3050	574	26.76	\$114.00*
GeForce GTX 560 Ti	3049	575	23.46	\$129.99*
Radeon R9 360	3031	576	22.64	\$133.89*
Tesla C2075	3016	577	4.67	\$646.00*
Radeon HD 6990	3013	578	6.04	\$498.49*
FirePro W5100	2988	579	23.72	\$125.99*
GRID M10-4Q	2976	580	NA	NA
FirePro W5000	2975	581	16.17	\$184.00*
Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP	2971	582	NA	NA
Radeon Ryzen 9 5900H	2960	583	NA	NA
GRID K260Q	2949	584	NA	NA
Quadro K1200	2942	585	10.32	\$285.29*
Ryzen 7 5800HS with Radeon Graphics	2917	587	NA	NA
Tesla K20Xm	2917	586	0.38	\$7,699.00*
Radeon R7 260	2891	588	32.13	\$89.99*
Ryzen 9 5900HX with Radeon Graphics	2887	589	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M6100 FireGL V	2874	590	NA	NA
Eng Sample: 100-000000261-50_Y	2859	591	NA	NA
Quadro M1000M	2859	592	33.25	\$85.99*
Radeon Pro V340 MxGPU	2853	593	NA	NA
Custom GPU 0405	2852	594	NA	NA
GRID K280Q	2839	596	NA	NA
Tesla C2070	2839	595	4.70	\$604.00*
Radeon HD 6970	2831	597	18.88	\$149.99*
Radeon Ryzen 7 5800H	2827	598	NA	NA
FirePro W4300	2820	599	11.75	\$239.99*
FirePro 3D V9800	2811	600	1.13	\$2,499.00*
GeForce MX350	2808	601	NA	NA
Ryzen 7 5700G with Radeon Graphics	2796	602	NA	NA
GeForce GTX 770M	2791	604	20.23	\$138.00*
Quadro M620	2791	603	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 5700GE with Radeon Graphics	2771	606	NA	NA
Radeon HD 8950	2768	607	NA	NA
Radeon R9 M380	2762	608	NA	NA
Quadro K4100M	2753	609	10.54	\$261.29*
GeForce GTX 560	2748	610	13.41	\$205.00*
Radeon RX 550	2741	611	15.26	\$179.65
Ryzen 7 5800H with Radeon Graphics	2740	612	NA	NA
GRID K2	2736	613	2.05	\$1,331.97*
FirePro V9800	2726	614	5.75	\$474.00*
Radeon Pro 450	2722	615	NA	NA
Quadro K4000	2718	616	10.07	\$270.00*
GeForce GTX 675MX	2716	617	NA	NA
Quadro 6000	2709	618	0.66	\$4,092.38*
Radeon Eng Sample: 100-000000300-30_Y	2706	619	NA	NA
Barco MXRT 5500	2701	620	9.04	\$299.00*
Qualcomm Adreno X1-85 GPU	2701	621	NA	NA
GRID M10-2Q	2691	622	NA	NA
Intel Iris Xe	2683	623	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	624	NA	NA
Radeon Eng Sample: 100-000000300-40_Y	2670	625	NA	NA
Radeon Ryzen 5 5500GT	2666	626	NA	NA
GeForce GTX 465	2656	627	13.63	\$195.00*
Radeon Ryzen 5 5600GT	2649	628	NA	NA
FirePro R5000	2646	629	24.06	\$109.99*
MONSTER GeForce GTX 675M	2637	630	NA	NA
A40-24Q	2616	632	NA	NA
Radeon HD 6950	2616	631	18.69	\$139.99*
Radeon Pro WX 4150	2615	633	4.29	\$610.04*
Radeon Ryzen 7 4700G	2613	634	NA	NA
Radeon Ryzen 7 4700GE	2610	635	NA	NA
Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP	2606	636	NA	NA
GRID T4-2B	2601	638	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	637	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Kadeon Eng Sample: 100-000000371-40 42/18 Y	2590	640	NA	NA
GeForce GTX 950M	2587	641	4.56	\$567.00*
Ryzen 5 5600G with Radeon Graphics	2583	642	NA	NA
Radeon Ryzen 5 5600GE	2572	643	NA	NA
Radeon Ryzen 9 7900X 12-Core	2571	644	NA	NA
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU	2569	645	NA	NA
Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP	2563	646	NA	NA
Radeon Ryzen 9 4900H	2555	647	NA	NA
GeForce GTX 950A	2554	648	NA	NA
Radeon Pro WX 3100	2549	650	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	649	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2549	651	NA	NA
GRID K240Q	2541	652	NA	NA
Radeon HD 6850 X2	2534	653	NA	NA
FireStream 9370	2528	654	NA	NA
GeForce GTX 650 Ti	2525	655	27.14	\$93.05*
N18E-Q1	2525	656	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2521	657	NA	NA
GeForce GTX 850M	2516	658	NA	NA
Radeon Ryzen 7 5800HS	2507	659	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2500	660	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	661	NA	NA
Radeon Pro	2475	662	5.77	\$429.00
Ryzen 7 7730U with Radeon Graphics	2470	663	NA	NA
Barco MXRT 5600	2465	664	3.50	\$704.00*
GeForce GT 1030	2460	665	22.37	\$109.99
Radeon Ryzen 7 7730U	2457	666	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2440	667	NA	NA
FirePro 3D V8800	2437	668	5.74	\$424.99*
Radeon Pro WX 3200	2437	669	15.39	\$158.35*
Ryzen 5 PRO 5650GE with Radeon Graphics	2435	670	NA	NA
GeForce MX330	2433	671	NA	NA
Radeon Ryzen 5 PRO 5655GE	2428	672	NA	NA
GeForce MX250	2416	673	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 5800U	2408	675	NA	NA
Radeon RX Vega 11 PRD	2401	676	NA	NA
Radeon Ryzen 5 5600H	2400	677	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2396	678	NA	NA
Radeon Ryzen 7 5825U	2386	679	NA	NA
Ryzen 5 4600G with Radeon Graphics	2376	680	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	681	NA	NA
Radeon Ryzen 7 PRO 4750GE	2367	682	NA	NA
Citrix Indirect Display Adapter	2365	683	NA	NA
GRID M10-2B	2363	685	NA	NA
Radeon Ryzen 5 PRO 5650GE	2363	684	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2362	686	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	688	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 5800U with Radeon Graphics	2361	687	NA	NA
GeForce GTX 485M	2359	689	NA	NA
FirePro W6150M	2358	690	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	691	NA	NA
P106-090	2342	692	NA	NA
Ryzen 7 5825U with Radeon Graphics	2342	693	NA	NA
Ryzen 5 5600H with Radeon Graphics	2336	694	NA	NA
Radeon RX Vega Ryzen 3 5300U	2334	695	NA	NA
Radeon R9 M470	2330	696	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2329	697	NA	NA
Radeon Ryzen 7 PRO 7730U	2318	698	NA	NA
Radeon Ryzen 7 4800U	2316	699	NA	NA
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	700	NA	NA
GRID M10-1B	2309	701	NA	NA
Radeon Ryzen 7 5700U	2306	702	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	703	NA	NA
FirePro V7900	2304	704	12.13	\$190.00*
Radeon Ryzen 5 PRO 5650G	2298	705	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2296	706	NA	NA
Radeon HD 5970	2282	707	3.16	\$721.20*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX150	2213	709	38.35	\$59.29*
Ryzen 3 4300GE with Radeon Graphics	2271	710	NA	NA
Radeon HD 6970M	2270	712	10.51	\$215.99*
Ryzen 7 PRO 5850U with Radeon Graphics	2270	711	NA	NA
Radeon RX 550X	2269	713	NA	NA
Ryzen 5 7530U with Radeon Graphics	2269	714	NA	NA
Radeon R7 250X	2268	715	11.70	\$194.00*
Radeon Eng Sample: 100-000000285-40_Y	2267	716	NA	NA
Intel HD 5600	2263	717	NA	NA
Quadro K3100M	2263	718	5.66	\$399.95*
GeForce GTX 460	2262	719	25.15	\$89.99*
Ryzen 7 5700U with Radeon Graphics	2246	720	NA	NA
Radeon Ryzen 9 7900 12-Core	2232	721	NA	NA
Intel Iris Pro P580	2231	723	NA	NA
Quadro K620	2231	722	1.10	\$2,029.99*
Ryzen 7 Extreme Edition	2226	724	NA	NA
GRID P100-1B	2223	725	NA	NA
Radeon HD 5870	2220	726	5.31	\$417.83
Radeon Ryzen 5 7530U	2219	727	NA	NA
Radeon HD 6870	2217	728	9.24	\$239.99
Ryzen 5 4600H with Radeon Graphics	2195	729	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	730	NA	NA
Radeon Ryzen 5 7430U	2180	731	NA	NA
Ryzen 5 5600U with Radeon Graphics	2178	732	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2175	733	NA	NA
Radeon HD 7770	2173	734	7.24	\$300.00*
FirePro M6100	2152	735	NA	NA
GRID P4-1B	2151	736	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M600M	2150	737	8.54	\$251.99*
Radeon Ryzen 5 5625U	2146	738	NA	NA
GeForce GTX 745	2138	739	7.51	\$284.95*
Radeon Ryzen 7 7700X 8-Core	2137	740	NA	NA
Intel UHD Graphics P630	2133	741	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 11	2115	743	2.11	\$1,002.00*
Radeon Ryzen 3 7335U	2114	744	NA	NA
Radeon Ryzen 5 5600U	2114	745	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2113	747	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	746	NA	NA
GeForce 945M	2108	748	NA	NA
FirePro M5100	2102	749	NA	NA
Intel G35 Express	2097	751	NA	NA
Quadro P520	2097	752	1.40	\$1,499.00*
Radeon Ryzen 5 Microsoft Surface Edition	2097	750	NA	NA
Radeon Ryzen 5 5500U	2083	753	NA	NA
GeForce GTX 580M	2074	754	8.34	\$248.68*
Ryzen 5 5560U with Radeon Graphics	2073	755	NA	NA
GRID M6-1Q	2069	756	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2068	757	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	758	NA	NA
Radeon TM R9 A360	2065	759	NA	NA
Radeon R9 M385	2060	760	NA	NA
Quadro 5000M	2059	761	NA	NA
Ryzen 3 4300G with Radeon Graphics	2059	762	NA	NA
Radeon Ryzen 7 PRO 4750U	2056	763	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2047	764	NA	NA
Radeon Ryzen 5 5560U	2042	765	NA	NA
Radeon Ryzen 7 4700U	2041	766	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	767	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	768	NA	NA
FirePro V7800	2028	769	10.68	\$190.00*
Radeon Pro WX 4130	2021	770	NA	NA
Radeon Pro W5500M	2010	771	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	772	NA	NA
Ryzen 5 5600GT with Radeon Graphics	2006	773	NA	NA
GeForce GT 645	2005	774	NA	NA
Radeon Ryzen 5 7600X3D 6-Core	2005	775	NA	NA
Ryzen 3 5300G with Radeon Graphics	2004	776	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 640	1998	779	NA	NA
Radeon Ryzen Embedded V2718	1998	778	NA	NA
Radeon R9 350	1993	780	6.67	\$299.00*
Radeon R9 M385X	1993	781	NA	NA
GeForce GTX 765M	1992	782	10.69	\$186.30*
Ryzen 5 5500U with Radeon Graphics	1991	783	NA	NA
Radeon Ryzen 7 PRO 5875U	1989	785	NA	NA
Ryzen 5 5625U with Radeon Graphics	1989	784	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Pro 580	1987	786	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	787	NA	NA
Radeon R7 + R7 350 Dual	1982	788	NA	NA
Radeon 550	1979	789	18.00	\$109.99
Intel Iris Xe MAX	1971	790	NA	NA
Radeon HD 5850	1971	791	6.82	\$288.99*
Radeon HD 6850	1966	792	11.49	\$171.22*
Radeon R7 + HD 7700 Dual	1962	793	NA	NA
Radeon Ryzen 3 PRO 7335U	1959	794	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	795	NA	NA
GeForce GTX 470M	1953	797	NA	NA
Qualcomm Adreno 8cx Gen 3	1953	796	NA	NA
GeForce GTX 670MX	1951	798	NA	NA
Radeon Ryzen 5 PRO 5675U	1938	799	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1936	800	NA	NA
Quadro 5000	1933	801	0.89	\$2,168.26
Radeon Vega 8 Ryzen 3 3200G	1932	802	NA	NA
Radeon R7 450	1930	803	6.46	\$299.00*
GeForce GTX 675M	1927	804	NA	NA
Intel Iris Xe MAX 100	1927	805	NA	NA
Radeon RX 570X	1923	806	12.57	\$153.01*
Radeon HD 7560D + 7700 Dual	1919	808	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1919	807	NA	NA
Ryzen 3 5300GE with Radeon Graphics	1917	809	NA	NA
Radeon Ryzen 3 PRO 7330U	1915	810	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon vega 11 Ryzen 5 PRO 3400GE w/	1907	812	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1905	813	NA	NA
Matrox C680 PCIe x16	1903	814	NA	NA
Quadro K4000M	1902	815	7.49	\$254.00*
Ryzen 5 4600U with Radeon Graphics	1901	816	NA	NA
Radeon HD 7700-serie	1899	817	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1896	818	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	819	NA	NA
Intel UHD Graphics 770	1879	820	NA	NA
GeForce GTX 645	1875	821	NA	NA
Quadro M520	1872	822	NA	NA
GeForce GTX 460 v2	1871	823	9.36	\$199.99*
FirePro 3D V7800	1867	824	3.11	\$599.99*
Radeon Ryzen Embedded R2544	1864	825	NA	NA
GeForce GTX 570M	1863	826	NA	NA
Radeon Eng Sample: 100-000000287-40_Y	1861	827	NA	NA
Radeon RX Vega 11 Processor	1861	829	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1861	828	NA	NA
Radeon RX 540	1860	830	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1854	831	NA	NA
GeForce 945A	1852	832	NA	NA
Radeon Ryzen Embedded V2748	1842	833	NA	NA
Radeon Vega 11	1841	834	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M5100 FireGL V	1839	835	NA	NA
GeForce MX130	1838	836	NA	NA
GRID M60-0B	1838	837	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	838	NA	NA
Radeon Pro WX 2100	1834	839	NA	NA
GeForce MX230	1833	840	NA	NA
Radeon Ryzen 5 7600 6-Core	1832	841	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1825	842	NA	NA
FirePro M6000	1820	843	5.58	\$325.99*
Ryzen 5 4500U with Radeon Graphics	1817	844	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox C900 PCIe x1b	1812	846	NA	NA
Radeon R9 M375X	1807	847	NA	NA
Radeon R9 M360	1802	848	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	849	NA	NA
Radeon HD 8670D + 7700 Dual	1788	850	NA	NA
Embedded Radeon E9173	1787	851	NA	NA
Radeon R7 M465X	1780	852	NA	NA
Radeon Ryzen 3 PRO 5450U	1778	853	NA	NA
Firepro W5170M	1777	854	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	1774	855	NA	NA
Quadro 5010M	1771	856	7.51	\$235.95*
Intel UHD 770#0x1c005d839205d7e9#	1758	857	NA	NA
GRID M10-8Q	1755	858	NA	NA
GeForce GTX 650	1750	859	12.17	\$143.80*
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	860	NA	NA
Radeon Ryzen 5 7600X 6-Core	1747	861	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1747	862	NA	NA
GeForce GTX 670M	1744	863	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1744	864	NA	NA
Intel Iris Plus 655	1733	865	NA	NA
Radeon HD 5830	1732	866	6.69	\$258.99*
Intel UHD Graphics 750	1728	867	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1725	868	NA	NA
GeForce GTX 760M	1720	869	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	870	NA	NA
Intel Iris Plus 645	1715	871	NA	NA
FirePro M6000 Mobility Pro	1712	872	NA	NA
Radeon HD 6900M	1703	873	NA	NA
Radeon HD 7750	1701	874	12.64	\$134.59
GeForce GT 755M	1690	875	NA	NA
Radeon E8860	1686	876	NA	NA
Radeon Ryzen 7 7700 8-Core	1682	877	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1680	878	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1674	879	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics P75U	1670	881	NA	NA
Radeon R7 M380	1668	882	NA	NA
Ryzen 3 5425U with Radeon Graphics	1667	883	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon EPYC 4584PX 16-Core	1661	884	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1655	885	NA	NA
Virtual Display Device	1655	886	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	887	NA	NA
Radeon HD HD7850M	1651	888	NA	NA
Ryzen 3 7330U with Radeon Graphics	1649	889	NA	NA
Radeon Ryzen 3 7330U	1647	890	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1644	891	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	892	NA	NA
Quadro P400	1642	893	8.16	\$201.17*
Radeon HD 8870M	1638	894	NA	NA
Quadro K3000M	1637	895	4.02	\$407.56*
Radeon RX Vega 10	1635	897	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1635	896	NA	NA
Radeon EPYC 4344P 8-Core	1634	898	NA	NA
FirePro M4000 Mobility Pro	1628	899	NA	NA
Quadro P500	1627	900	NA	NA
Intel Iris Pro P6300	1625	901	NA	NA
RadeonT RX Vega 11	1621	902	NA	NA
Radeon EPYC 4484PX 12-Core	1619	903	NA	NA
Radeon EPYC 4564P 16-Core	1618	904	NA	NA
GeForce GTX 480M	1617	906	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	905	NA	NA
Radeon HD 6790	1616	907	5.50	\$294.00*
Radeon R9 M275X	1615	908	NA	NA
Radeon EPYC 4124P 4-Core	1614	909	NA	NA
Radeon EPYC 4464P 12-Core	1613	910	NA	NA
Radeon EPYC 4364P 8-Core	1610	911	NA	NA
Radeon RX Vega11	1605	912	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 5450U with Radeon Graphics	1601	914	NA	NA
Radeon Vega 9	1596	915	NA	NA
FirePro M4000	1593	916	21.88	\$72.83*
Qualcomm Adreno X1-45 GPU	1590	917	NA	NA
Quadro K2000D	1586	918	4.67	\$339.99*
Intel UHD Graphics 730	1583	919	NA	NA
Radeon Ryzen 3 5300U	1582	921	NA	NA
Radeon Vega 8	1582	920	12.48	\$126.86*
Radeon Ryzen 7 PRO 7745 8-Core	1581	922	NA	NA
Quadro K2000	1580	923	5.37	\$294.00*
Ryzen 3 5400U with Radeon Graphics	1577	924	NA	NA
Intel Iris Plus 650	1575	925	NA	NA
Radeon R9 M275X / M375	1574	926	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	927	NA	NA
GeForce GTX 555	1571	928	NA	NA
Radeon Vega 10	1562	929	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1561	930	NA	NA
Radeon Ryzen 3 5425U	1555	931	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	932	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 550 Ti	1553	933	15.54	\$99.99*
Radeon Ryzen 5 PRO 7645 6-Core	1552	934	NA	NA
Radeon R9 M370X	1549	935	1.74	\$889.00*
Ryzen 3 PRO 4450U with Radeon Graphics	1549	936	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	937	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	938	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	939	NA	NA
FirePro V8700	1538	940	9.75	\$157.88*
Radeon 610M Ryzen 9 7945HX	1537	941	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1531	942	NA	NA
Radeon Ryzen Embedded V2516	1527	944	NA	NA
Ryzen 3 5300U with Radeon Graphics	1527	943	NA	NA
GeForce 845M	1524	945	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1521	946	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 10 Mobile	1516	949	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1516	948	NA	NA
GeForce GTX 285	1515	950	12.63	\$119.99*
FirePro W4100	1512	951	8.22	\$184.00*
Radeon RX Vega 10 Ryzen 7 3700U	1511	952	NA	NA
Radeon HD 4890	1507	953	16.76	\$89.99*
Radeon HD 7870M	1507	954	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	955	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1499	956	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1498	957	NA	NA
Radeon HD 6670 + 7660D Dual	1492	958	NA	NA
Radeon RX Vega 8	1487	959	NA	NA
Intel UHD Graphics	1484	961	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	960	NA	NA
Radeon Ryzen Embedded R2514	1482	962	NA	NA
GeForce GT 740	1481	964	6.25	\$236.99*
Radeon R9 M365X	1481	963	NA	NA
Quadro 4000	1479	965	2.12	\$699.00*
Intel Iris Pro Graphics 6200	1471	966	NA	NA
Radeon R7 FX-9830P RADEON	1464	967	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	968	NA	NA
Radeon Eng Sample: 100-00000085-40_35/24_Y	1440	969	NA	NA
GeForce GTX 660M	1438	970	18.21	\$78.99*
Intel Iris 550	1436	971	NA	NA
GeForce MX110	1435	973	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	972	NA	NA
Radeon 540X	1434	974	NA	NA
Radeon Ryzen 7 3700U	1433	975	NA	NA
Intel Iris 650	1432	976	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	978	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	977	NA	NA
Radeon 550X	1428	979	NA	NA
Radeon HD 7560D + 7670 Dual	1426	980	NA	NA
Radeon Vega 8 Mobile	1425	981	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 285	1424	982	NA	NA
Radeon R9 285	1420	983	4.13	\$344.16*
Radeon R7 M370	1417	984	NA	NA
FirePro W5130M	1409	985	NA	NA
Radeon Pro WX 4170	1409	986	NA	NA
GeForce GTX 275	1408	987	3.26	\$431.72*
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	988	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1395	989	NA	NA
Radeon 540	1383	990	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	991	NA	NA
Radeon HD 4870	1372	993	9.32	\$147.24
Radeon HD 7850M	1372	992	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1370	994	NA	NA
FirePro M40003	1364	995	NA	NA
Radeon HD 8670D + 6670 Dual	1361	996	NA	NA
Ryzen 3 4300U with Radeon Graphics	1357	997	NA	NA
Quadro K2100M	1354	998	3.26	\$415.99*
Intel Iris Plus 640	1348	999	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	1000	NA	NA
FireStream 9270	1341	1001	NA	NA
Radeon HD 5770	1340	1002	7.06	\$189.99*
GeForce GT 750M	1332	1003	NA	NA
GeForce GTS 450	1322	1004	9.85	\$134.33
Radeon HD 8670D + HD 7600 Dual	1317	1005	NA	NA
FirePro M5950	1314	1006	NA	NA
Radeon Vega 6	1310	1007	0.73	\$1,799.99*
Radeon HD 4870 X2	1309	1009	NA	NA
Radeon R7 PRO A8-8670E	1309	1008	NA	NA
Radeon HD 8790M	1305	1011	NA	NA
Tesla M2070-Q	1305	1010	NA	NA
Quadro 4000M	1302	1012	5.61	\$232.06*
GeForce GTX 280	1299	1014	2.49	\$522.78*
TENSOR 1.0 Driver Intel HD 630	1299	1013	NA	NA
Radeon Vega 6 Ryzen 3 3300U	1297	1015	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 930MX	1288	1017	NA	NA
MxGPU	1282	1018	NA	NA
Radeon R7 A370	1281	1019	NA	NA
FirePro 3D V8750	1271	1020	1.03	\$1,230.99*
GeForce 930A	1267	1021	NA	NA
FirePro V5900	1264	1022	14.71	\$86.00*
Intel Iris 540	1262	1023	NA	NA
GeForce GTX 560M	1260	1024	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	1025	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	1026	NA	NA
Radeon HD 6770	1249	1027	4.72	\$264.99*
GeForce GTX 460M	1245	1028	NA	NA
Intel UHD Graphics 630	1244	1029	NA	NA
GeForce GT 745A	1240	1030	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 2000 D	1239	1031	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1032	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1033	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1034	NA	NA
Radeon R7 + R5 340 Dual	1234	1035	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1233	1036	NA	NA
Radeon R7 + R7 250 Dual	1232	1037	NA	NA
FirePro 3D V5800	1231	1038	6.04	\$204.00*
GeForce GTX 760A	1226	1039	NA	NA
Quadro FX 5800	1223	1040	4.46	\$274.00*
Radeon HD 8670D + HD 6670 Dual	1221	1041	NA	NA
GeForce GTX 260	1217	1042	4.26	\$285.78*
Radeon HD 8790M / R9 M290X	1210	1043	NA	NA
Radeon HD 7730	1208	1044	5.19	\$232.70*
FirePro 3D V8700	1206	1045	7.09	\$170.07*
GeForce GTX 295	1206	1046	7.54	\$159.99*
GeForce GT 650M	1204	1047	NA	NA
N16P-GX	1204	1048	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1049	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD P630	1203	1051	NA	NA
Radeon HD 7750M	1191	1052	NA	NA
Radeon R7 +8G	1190	1053	NA	NA
GeForce GPU	1189	1054	NA	NA
Intel Iris Pro 5200	1185	1055	NA	NA
NVS 810	1179	1056	1.89	\$624.99*
FirePro V5800	1175	1057	22.18	\$53.00*
GeForce GT 640	1173	1058	10.67	\$109.99*
Radeon R7 Opteron X3421	1168	1059	NA	NA
Quadro K620M	1165	1060	NA	NA
FireStream 9250	1164	1061	NA	NA
Quadro M500M	1163	1062	NA	NA
Radeon HD 5750	1162	1063	9.02	\$128.99
Barco MXRT 5400	1161	1064	5.72	\$203.00*
Intel HD P530	1159	1065	NA	NA
Intel Coffee Lake UHD	1158	1066	NA	NA
FirePro M4170	1155	1067	NA	NA
Firepro W4190M	1150	1068	NA	NA
GeForce 840A	1145	1069	NA	NA
Radeon HD 8850M / R9 M265X	1139	1070	NA	NA
GeForce 830A	1138	1071	NA	NA
Radeon HD 4850 X2	1132	1073	NA	NA
Radeon R9 M265X	1132	1072	NA	NA
Radeon HD 7560D + 6670 Dual	1130	1074	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1075	NA	NA
GeForce 940M	1125	1076	NA	NA
Radeon R7 M465	1125	1077	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1078	NA	NA
Radeon R9 M275	1114	1079	1.59	\$699.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-7870K	1113	1080	NA	NA
Intel HD 630	1111	1082	NA	NA
Radeon Ryzen 5 3450U	1111	1081	NA	NA
GeForce GT 545	1110	1083	19.98	\$55.59*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M35U	1104	1085	NA	NA
RadeonT 610M	1102	1086	NA	NA
Quadro 2100M	1100	1088	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1087	NA	NA
Radeon 610M	1099	1089	NA	NA
GeForce GT 745M	1096	1090	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1091	NA	NA
Radeon R7 430	1093	1092	7.26	\$150.58*
GeForce GTX 850M - MODDED	1091	1093	NA	NA
GeForce 840M	1090	1094	NA	NA
Quadro K1100M	1089	1095	3.37	\$322.99*
GeForce 920MX	1080	1097	NA	NA
MIRRORV3	1080	1096	NA	NA
Barco MXRT 5450	1079	1098	5.40	\$199.99*
Radeon 625	1078	1099	NA	NA
Intel UHD Graphics 710	1077	1100	NA	NA
Radeon 535	1077	1101	NA	NA
Radeon R7 + R7 200 Dual	1077	1102	NA	NA
Mobility Radeon HD 5870	1076	1103	NA	NA
Radeon R7 A12-9800 RADEON	1075	1104	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1105	NA	NA
Radeon R7 M460	1066	1106	NA	NA
Radeon R7 250	1065	1107	10.65	\$99.99*
Radeon HD 7660D + 7670 Dual	1061	1108	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1109	NA	NA
Firepro M4100	1059	1110	NA	NA
OPAL XT/GL	1053	1111	NA	NA
Radeon HD 7670A	1050	1112	NA	NA
GeForce GTX 850A	1049	1113	NA	NA
Radeon R7 + R7 240 Dual	1045	1114	NA	NA
Intel UHD Graphics 620	1044	1116	NA	NA
Radeon HD 6750	1044	1115	13.06	\$79.99*
Radeon Vega 3 Athlon 300GE	1044	1117	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1118	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Vega 3 Mobile	1034	1120	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1121	NA	NA
Radeon HD 8600/8700M	1029	1122	NA	NA
Radeon R7 + R5 330 Dual	1028	1123	NA	NA
Radeon R7 A12-9730P RADEON	1026	1124	NA	NA
Qualcomm Adreno 690 GPU	1022	1125	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1126	NA	NA
Radeon 530	1019	1127	NA	NA
Radeon HD 6700M	1016	1128	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 A6-9500E 2C+4G	1014	1129	NA	NA
GeForce 930M	1012	1130	NA	NA
Quadro K2000M	1012	1131	7.03	\$144.04*
Radeon HD 7690M XT	1009	1132	NA	NA
GeForce 830M	1008	1133	NA	NA
Glenfly Arise-GT-10C0	1007	1134	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1136	NA	NA
Radeon Vega 3 Athlon 3000G	1002	1135	NA	NA
Radeon HD 8750M	1001	1137	NA	NA
Radeon R7 340	1000	1139	NA	NA
Radeon R7 M260X	1000	1138	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1141	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1140	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1142	NA	NA
Intel HD 530	995	1143	NA	NA
Quadro 3000M	993	1144	14.20	\$69.99*
Radeon R7 A265	993	1145	NA	NA
FirePro V4900	990	1146	6.60	\$149.99*
Radeon HD 7560D + 7570 Dual	985	1147	NA	NA
Radeon HD 8690M	984	1149	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1148	NA	NA
Radeon HD 7560D + 7560D Dual	982	1150	NA	NA
Qualcomm Adreno 685 GPU	979	1151	NA	NA
Quadro FX 4800	978	1152	0.59	\$1,659.80

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 2000	976	1154	1.70	\$574.48*
Radeon R7 A10-7890K	975	1155	NA	NA
Radeon HD 8670D + 8570 Dual	974	1156	NA	NA
Radeon HD 8850M	973	1157	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1159	NA	NA
Radeon R7 PRO A10-9700E	970	1158	1.84	\$529.00*
Radeon R9 M375	969	1160	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1161	NA	NA
Radeon HD 6770M	964	1162	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1163	NA	NA
Radeon R7 A10-7850K	961	1164	NA	NA
Radeon R7 PRO A12-9800E	957	1165	NA	NA
Radeon R6 Opteron X3418	955	1166	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1168	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1167	NA	NA
FirePro M4150	948	1169	NA	NA
Quadro CX	947	1170	6.32	\$149.95*
Quadro 2000	945	1173	4.44	\$213.23*
Radeon HD 6670/7670	945	1171	NA	NA
Radeon HD 7640G + 7690M Dual	945	1172	NA	NA
Radeon R7 PRO A10-8850B	945	1174	NA	NA
Radeon R7 M445	943	1175	1.27	\$744.00*
Radeon HD 8570	942	1176	9.55	\$98.68*
Radeon HD 7660D + R7 240 Dual	941	1177	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6750M	937	1178	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	1179	NA	NA
Radeon R5 340	935	1180	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1181	NA	NA
Radeon HD 4850	934	1182	6.68	\$139.99*
GeForce GT 645M	933	1183	NA	NA
Radeon HD 7660G + 7730M Dual	931	1184	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1185	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 640M	927	1188	NA	NA
Radeon R7 A10-7860K	927	1187	NA	NA
Intel HD Graphics 620	926	1189	NA	NA
Intel Iris Pro 6100	925	1191	NA	NA
Radeon R7 A10-9700 RADEON	925	1190	NA	NA
Radeon R7 PRO A12-8870E	920	1192	NA	NA
Radeon R7 240 + HD 8570D Dual	917	1193	NA	NA
Radeon R7 PRO A10-8770	917	1194	NA	NA
Radeon R5 430	915	1195	15.52	\$59.00*
Radeon R7 A12-9800E RADEON	913	1196	6.56	\$139.19*
GRID K220Q	912	1198	NA	NA
Radeon R7 A8-8650	912	1197	NA	NA
GRID M6-0B	911	1199	NA	NA
Radeon 6750M	911	1200	NA	NA
Radeon HD 4770	909	1201	7.34	\$123.95
Radeon HD 7690M	909	1202	NA	NA
Radeon RX Vega 6 Ryzen 3 3200U	906	1203	NA	NA
Radeon R7 PRO A12-8870	904	1204	NA	NA
Radeon HD 8550G + 7600M Dual	901	1205	NA	NA
Barco MXRT 2600	900	1208	4.52	\$199.00*
Barco MXRT 7400	900	1206	9.10	\$99.00*
Radeon R7 240	900	1207	10.65	\$84.56*
Radeon R7 A10-9700E RADEON	899	1209	NA	NA
Radeon 620	897	1212	NA	NA
Radeon R7 + R5 Dual	897	1211	NA	NA
Radeon R7 M440	897	1210	NA	NA
Intel Iris 6100	895	1213	NA	NA
Radeon R7 PRO A8-9600	893	1214	NA	NA
7900 MOD - Radeon HD 6550D	892	1215	NA	NA
Radeon Vega 3	888	1216	0.33	\$2,677.99*
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1217	NA	NA
Radeon HD 8650G + 7670M Dual	883	1218	NA	NA
Radeon R7 A10 PRO-7850B	882	1219	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1220	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon E6700	870	1222	3.65	\$239.99*
Radeon R7 A8-7500	875	1223	NA	NA
Intel UHD Graphics 617	874	1224	NA	NA
GRID M10-0B	870	1225	NA	NA
FirePro W2100	869	1227	14.73	\$59.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 G	869	1226	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1228	NA	NA
Intel HD 520	866	1229	NA	NA
Intel HD 6000	866	1231	NA	NA
Mobility Radeon HD 4850	866	1230	NA	NA
Radeon 520	864	1232	9.61	\$89.99*
Radeon HD 8470D + HD 6450 Dual	862	1233	NA	NA
Radeon Vega 3 Athlon 300U	861	1234	NA	NA
Radeon R7 A10-8750	856	1235	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1236	NA	NA
FirePro 3D V4800	853	1237	5.33	\$159.99*
Radeon R5 A6-9500 2C+6G	853	1238	NA	NA
Radeon R7 A8-7500 4C+6G	853	1239	NA	NA
Radeon HD 8500M/8700M	852	1240	NA	NA
Radeon R5 435	850	1241	NA	NA
Radeon R7 A8-7670K	848	1242	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1243	NA	NA
Radeon Vega 3 Ryzen 3 3200U	845	1244	NA	NA
FireGL V8600	838	1245	NA	NA
Radeon HD 8470D + 6570 Dual	837	1246	NA	NA
GeForce 920A	836	1248	NA	NA
GeForce GT 730	836	1249	7.60	\$109.99*
Radeon HD 8670D + R5 235 Dual	836	1247	NA	NA
Radeon HD 4830	835	1250	13.93	\$59.99*
Radeon HD 6650A	835	1251	NA	NA
GeForce GT 635	833	1252	12.45	\$66.94*
Radeon HD 7560D + 6570 Dual	833	1253	NA	NA
Radeon HD 7520G + HD 7500/7600 Dual	832	1254	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + 8600/8700M Dual	831	1255	NA	NA
Intel HD 5200	830	1257	NA	NA
Radeon R7 FX-8800P	829	1258	NA	NA
GRID M60-0Q	827	1260	NA	NA
Radeon R7 A10 PRO-7800B	827	1259	NA	NA
Radeon R7 A8-7680	826	1261	NA	NA
Radeon R7 PRO A10-8770E	825	1262	NA	NA
Quadro FX 3800	824	1264	3.18	\$259.13*
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1265	NA	NA
Radeon R7 A8-9600 RADEON	824	1263	NA	NA
Radeon HD 3850 X2	822	1266	NA	NA
Radeon HD 7540D + 7500 Dual	821	1267	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1269	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1268	NA	NA
Radeon R7 A10 Extreme Edition	816	1271	NA	NA
Radeon R7 M260DX	816	1270	NA	NA
GeForce GT 730M	813	1273	NA	NA
Radeon HD 7670	813	1274	NA	NA
Radeon R9 M280X	813	1272	NA	NA
GeForce GT 445M	811	1276	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + 7000 Dual	811	1275	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	809	1277	NA	NA
Radeon HD 5670	803	1278	8.04	\$99.99
Radeon HD 8550G + 8600/8700M Dual	802	1279	NA	NA
Radeon R5 M435	800	1280	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1281	NA	NA
Radeon HD 6800M	798	1282	NA	NA
Radeon R7 PRO A10-9700	798	1283	NA	NA
GeForce 9800 GX2	797	1284	4.09	\$195.00*
Qualcomm Adreno 680 GPU	797	1285	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1287	NA	NA
Radeon R8 M445DX	796	1286	NA	NA
GRID M10-0Q	795	1289	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G1 74UM	794	1290	NA	NA
Radeon Ryzen 3 3250U	791	1291	NA	NA
Radeon HD 8650G + 8750M Dual	786	1292	NA	NA
Radeon R7 A8-7600	785	1293	NA	NA
Radeon Vega 3 Ryzen 3 3250U	783	1294	NA	NA
GeForce 825M	782	1295	NA	NA
Radeon R7 A365	781	1297	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1296	NA	NA
Quadro K1000M	779	1298	11.14	\$69.95*
Quadro 2000M	778	1300	3.39	\$229.74*
Radeon R7 A10-7700K	778	1299	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1301	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1302	NA	NA
Radeon HD 7730M	774	1303	NA	NA
Mobility Radeon HD 5000	773	1308	NA	NA
Radeon 535DX	773	1304	NA	NA
Radeon Athlon Gold 3150U	773	1305	NA	NA
Radeon HD 7600M + 7600M Dual	773	1306	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1307	NA	NA
Radeon R7 A10-8850	773	1309	NA	NA
GeForce 730A	771	1310	NA	NA
GeForce GT 440	770	1312	3.42	\$225.00*
Radeon HD 8730M	770	1313	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1311	NA	NA
GeForce 9800 GTX	769	1315	10.26	\$74.99*
Radeon HD 4810	769	1314	NA	NA
Radeon R7 PRO A10-8750B	767	1316	NA	NA
Radeon R7 M270	766	1317	NA	NA
Mobility Radeon HD 5850	763	1319	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1318	NA	NA
Radeon HD 6450 + 8470D Dual	762	1320	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1321	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1322	NA	NA
Radeon HD 7660G + 7700M Dual	757	1324	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card

videocara name	(higher is better)	(lower is better)	(higher is better)	(USD)
Quadro 1100M	755	1325	NA	NA
Radeon HD 7640G + 7450M Dual	754	1326	NA	NA
Radeon HD 6650M	753	1328	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1327	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	750	1330	NA	NA
Radeon R7 M365X	750	1329	NA	NA
Incredible HD 4600	749	1331	NA	NA
Radeon M535DX	749	1332	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1333	NA	NA
Radeon HD 7640G + 7650M Dual	747	1334	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1335	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1336	NA	NA
Intel Iris 5100	745	1339	NA	NA
Radeon HD 7660G + 7610M Dual	745	1337	NA	NA
Radeon R7 A8-7650K	745	1338	NA	NA
Quadro K420	744	1340	2.77	\$269.00*
Radeon HD 7660G + 7670M Dual	743	1342	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1341	NA	NA
GeForce GT 730A	742	1343	NA	NA
Radeon HD 8650G + 7600M Dual	741	1344	NA	NA
GeForce GT 340	738	1346	13.93	\$52.99*
Intel Poison Ivy	738	1345	NA	NA
Radeon HD 7670M + 7670M Dual	738	1347	NA	NA
Quadro K600	737	1349	12.25	\$60.24*
Radeon R5 235 + HD 8570D Dual	737	1348	NA	NA
Intel UHD Graphics 615	736	1351	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	736	1350	NA	NA
Radeon R7 A12-9720P RADEON	733	1352	2.01	\$365.48*
Quadro K610M	732	1353	3.05	\$240.00*
Radeon R5 A10-9620P 4C+6G	731	1354	NA	NA
Radeon R7 A12-9700P RADEON	730	1355	1.68	\$435.92*
Radeon HD 7550M/7650M	728	1356	NA	NA
GRID K140Q	727	1357	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	720	1359	NA	NA
Mi Pad 5 Adreno 640 GPU	722	1362	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1360	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1361	NA	NA
GeForce 920M	721	1363	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1364	NA	NA
Mobility Radeon HD 4870	719	1365	NA	NA
Radeon HD 7540D + 6570 Dual	719	1366	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1368	NA	NA
Radeon R7 PRO A8-8650B	718	1367	NA	NA
Radeon HD 8470D + 6450 Dual	717	1369	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1371	NA	NA
Radeon R7 A10-7800	716	1370	NA	NA
Intel UHD Graphics 610	712	1372	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1373	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 615	709	1374	NA	NA
Radeon HD 3870 X2	708	1375	NA	NA
Radeon HD 6550A	707	1376	NA	NA
GeForce GT 640M LE	706	1378	0.83	\$849.99*
Radeon HD 7660G + HD 7670M Dual	706	1377	NA	NA
Radeon R7 FX-9800P RADEON	706	1379	1.33	\$530.00*
Radeon HD 7640G + 7600M Dual	705	1380	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1382	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1381	NA	NA
Radeon R7 PRO A12-9800B	702	1383	NA	NA
Radeon HD 7570M/HD 7670M	699	1385	NA	NA
TRINITY DEVASTATOR MOBILE	699	1384	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	698	1387	NA	NA
Radeon R5 A6-7480	698	1386	NA	NA
NVS 510	696	1388	6.22	\$111.99*
Radeon R5 PRO A10-8730B 4C+6G	695	1389	NA	NA
Radeon Athlon Silver 3050U	694	1390	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 7700M Dual	690	1392	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1394	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	689	1393	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1395	NA	NA
Intel HD 610	687	1396	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1397	NA	NA
Radeon HD 6630M	684	1398	NA	NA
GRID P40-3Q	681	1399	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1401	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1400	NA	NA
GeForce GTS 160M	678	1402	NA	NA
GeForce GT 630	677	1403	4.61	\$147.01*
Radeon HD 7640G + HD 8670M Dual	677	1404	NA	NA
Radeon Vega 3 Athlon 320GE	677	1405	NA	NA
Quadro FX 4700 X2	676	1407	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1406	NA	NA
Radeon R8 M535DX	670	1408	NA	NA
GeForce GT 740A	667	1409	NA	NA
Radeon R7 A8 PRO-7600B	666	1410	NA	NA
FirePro M7740	665	1414	NA	NA
GeForce GT 530	665	1413	13.58	\$49.00*
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1412	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	665	1411	NA	NA
Radeon HD 8550G + 8690M Dual	664	1415	NA	NA
FireGL V7700	660	1416	9.43	\$69.99*
Radeon HD 2900 XT	659	1417	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1418	NA	NA
GeForce GT 140	657	1419	NA	NA
GeForce 810A	655	1420	NA	NA
GeForce GT 555M	654	1425	3.69	\$177.20*
Radeon HD 7640G + 8750M Dual	654	1421	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + HD 8600/8700M Dual	654	1422	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M34U	654	1423	NA	NA
GeForce GTS 360M	653	1426	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1428	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1427	NA	NA
GRID K1	650	1429	1.65	\$395.00*
SUMO 9640	650	1430	NA	NA
GeForce GT 735M	648	1432	NA	NA
Radeon R5 M430	648	1431	NA	NA
FireStream 9170	647	1434	NA	NA
Radeon R8 M365DX	647	1433	NA	NA
Radeon HD 6670 + 6670 Dual	646	1435	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1436	NA	NA
Radeon HD 7640G + 7670M Dual	644	1437	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1438	NA	NA
GeForce 8800 Ultra	642	1439	1.04	\$619.99
Quadro K510M	641	1440	NA	NA
FirePro V3900	640	1441	2.69	\$238.44*
Radeon HD 7640G + 7400M Dual	637	1443	NA	NA
Radeon HD 8450G + 8750M Dual	637	1444	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1442	NA	NA
GeForce GTX 285M	636	1445	NA	NA
GeForce 9800 S	635	1446	NA	NA
Radeon HD 8650G + 8670M Dual	635	1447	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1448	NA	NA
Intel HD 515	633	1452	NA	NA
Intel HD P4600/P4700	633	1449	NA	NA
Radeon HD 5600/5700	633	1451	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1450	NA	NA
Radeon HD 7610M	632	1453	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1454	NA	NA
Radeon HD 7660G + 7470M Dual	630	1455	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1456	NA	NA
GeForce GT 710	628	1457	2.52	\$249.99*
GRID K160Q	628	1460	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A10-9700B	628	1459	NA	NA
Radeon HD 2900 PRO	627	1461	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1462	NA	NA
Radeon HD 8650G + 8500M Dual	626	1463	NA	NA
NVS 5400M	625	1464	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1465	NA	NA
Intel HD 510	622	1466	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1467	NA	NA
Radeon HD 8570 + 8670D Dual	620	1468	NA	NA
Intel HD 4600 manual-gen9_2015-134121	619	1469	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1470	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1471	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + 8600M Dual	617	1472	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1473	NA	NA
Radeon R6	616	1474	NA	NA
FireGL V7600	615	1475	NA	NA
GeForce 720A	614	1477	NA	NA
Intel UHD 630	614	1476	NA	NA
Radeon HD 8650G + 8600M Dual	613	1478	NA	NA
GeForce GT 720	612	1481	6.12	\$99.99*
Radeon HD 7570	612	1479	5.98	\$102.49*
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	612	1480	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1482	NA	NA
7900 MOD - Radeon HD 6520G	610	1483	NA	NA
Radeon HD 8610G + 8500M Dual	610	1484	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1486	NA	NA
Radeon R7 A360	607	1485	NA	NA
GeForce 9800 GTX/9800 GTX+	606	1487	6.74	\$89.99*
Radeon HD 8650G + HD 8600M Dual	606	1488	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1490	NA	NA
Radeon R6 M255DX	605	1489	NA	NA
Intel HD P4600	604	1491	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 910M	601	1493	NA	NA
GeForce GT 430	599	1495	4.28	\$139.99*
Radeon HD 8610G + 8670M Dual	599	1494	NA	NA
GeForce GTS 250	598	1496	6.95	\$86.06
Matrox C420 LP PCIe x16	597	1499	NA	NA
Radeon R7 PRO A12-8800B	597	1497	NA	NA
Radeon Vega 3 Athlon Gold 3150U	597	1498	NA	NA
Radeon HD 8510G + 8500M Dual	596	1500	NA	NA
Radeon HD 7640G + 7470M Dual	595	1502	NA	NA
Radeon R5 M330	595	1501	NA	NA
Qualcomm Adreno 7c+ Gen 3	594	1503	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1505	NA	NA
Radeon R7 PRO A12-8830B	593	1504	NA	NA
Surface Duo Adreno 640 GPU	592	1506	NA	NA
Radeon HD 7520G + 7600M Dual	591	1507	NA	NA
GeForce 8800 GTX	590	1509	4.92	\$119.99*
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1508	NA	NA
Intel HD 5500	589	1510	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1511	NA	NA
Radeon HD 7520G + 7610M Dual	588	1513	NA	NA
Radeon HD 7660G + 7400M Dual	588	1514	NA	NA
Radeon HD 8610G + 8600M Dual	588	1512	NA	NA
Radeon HD 7660G + 8670M Dual	587	1515	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1516	NA	NA
Radeon R5 A6-8500P	586	1517	NA	NA
Intel HD 5000	585	1521	0.94	\$625.00*
Quadro FX 3800M	585	1519	NA	NA
Radeon HD 7640G + 8500M Dual	585	1518	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + HD 8670M Dual	585	1520	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1522	NA	NA
Radeon HD 8550G + 8670M Dual	579	1523	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1524	NA	NA
Radeon HD 7620G + 8670M Dual	577	1526	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Skylake HD D1 G12	576	1527	NA	NA
Radeon R5 A240	576	1528	NA	NA
GeForce GTX 280M	575	1529	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1530	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1532	NA	NA
Radeon R5 420	574	1531	14.39	\$39.95*
GeForce GT 550M	573	1534	NA	NA
GeForce GT 720A	573	1533	NA	NA
Radeon R7 M360	571	1535	NA	NA
Quadro 500M	570	1536	2.07	\$275.14*
Radeon R6 + R7 M265DX Dual	570	1537	NA	NA
Quadro 1000M	569	1538	10.45	\$54.50*
Radeon HD 7650A	569	1539	2.17	\$262.00*
GeForce 8800 GTS 512	568	1543	NA	NA
Radeon HD 7560D + 6450 Dual	568	1541	NA	NA
Radeon HD 7660G + HD 7600M Dual	568	1542	NA	NA
Radeon Vega 3 3020e	568	1540	NA	NA
Radeon HD 8550D	566	1544	NA	NA
Radeon HD 6610M	565	1545	NA	NA
Radeon R7E	564	1546	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1547	NA	NA
GeForce GT 820M	562	1548	NA	NA
GeForce GT 635M	559	1549	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1550	NA	NA
Radeon HD 7640G + 8570M Dual	558	1553	NA	NA
Radeon HD 7640G + 8670M Dual	558	1552	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1551	NA	NA
GeForce GTS 240	556	1554	8.56	\$64.99*
GeForce 820A	555	1555	NA	NA
Radeon Athlon PRO 3045B	555	1556	NA	NA
Radeon HD 3870	555	1557	2.42	\$229.59*
GeForce 9800M GS	554	1558	NA	NA
GF117	554	1559	NA	NA
GeForce GTS 250M	553	1560	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
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Video Card

Radeon R7 7850A10-7850K	551	1562	NA	NA
FireGL V8650	550	1564	1.84	\$298.99*
Radeon HD 6570	550	1563	8.47	\$64.99*
Radeon R5 M335	548	1565	NA	NA
Mobility Radeon HD 3870	547	1567	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1566	NA	NA
FirePro 3D V5700	546	1568	1.71	\$319.99*
Radeon HD 8550G + HD 8670M Dual	546	1569	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 3D V7750	545	1572	1.56	\$350.00*
Radeon HD 8450G + 8600M Dual	545	1571	NA	NA
Radeon R7 M265	545	1570	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1573	NA	NA
Radeon R5 240	544	1574	6.41	\$85.00*
Quadro FX 2700	543	1576	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1575	NA	NA
Radeon HD 7520G + 7470M Dual	542	1577	NA	NA
Radeon Vega 2 Athlon Silver 3050U	542	1578	NA	NA
Radeon R6 A10-8700P	541	1579	NA	NA
GeForce GT 630M	539	1582	NA	NA
Qualcomm Adreno 675 GPU	539	1581	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	539	1580	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1583	NA	NA
GeForce GT 435M	535	1584	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1586	NA	NA
Radeon R5 M255	534	1585	NA	NA
GRID K180Q	533	1587	NA	NA
Quadro 600	532	1588	7.01	\$76.00*
Radeon HD 8550G + 8570M Dual	532	1589	NA	NA
RADEON HD6530D	531	1591	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1590	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1593	NA	NA
Radeon HD 8670D	529	1592	NA	NA
Mobility Radeon HD 5570	527	1594	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 6400M Dual	526	1595	NA	NA
Quadro FX 5600	525	1597	1.78	\$295.00*
Radeon 6600M	524	1599	NA	NA
Radeon HD 8650G	524	1598	NA	NA
Radeon HD 7520G + 7670M Dual	523	1601	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1600	NA	NA
GeForce GT 425M	522	1603	NA	NA
Intel HD 4400	522	1602	NA	NA
Radeon HD 8670M	520	1605	NA	NA
Radeon R5 330	520	1604	1.53	\$339.99*
Radeon HD 7640G + HD 7670M Dual	518	1606	NA	NA
Incredible HD 4000	517	1607	NA	NA
Intel HD P4000	516	1608	NA	NA
GeForce 615	514	1609	NA	NA
NVS 5200M	512	1610	NA	NA
Mobility Radeon HD 4830	511	1611	NA	NA
Radeon HD 7640G + 7610M Dual	510	1612	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1613	NA	NA
Radeon HD 7620G + 8600M Dual	508	1614	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1615	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1617	NA	NA
Radeon Vega 3 Athlon Silver 3050e	507	1616	NA	NA
GeForce GT 240	506	1619	3.15	\$160.97*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 5730	506	1618	NA	NA
Radeon Vega 2	506	1620	NA	NA
GeForce GTS 150M	504	1621	NA	NA
Radeon HD 7660D	503	1623	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1622	NA	NA
Radeon HD 8690A	500	1624	NA	NA
Radeon R7 M260	498	1626	0.62	\$799.00*
Radeon R7 M265DX	498	1625	NA	NA
TRINITY SCRAPPER MOBILE	498	1627	NA	NA
Radeon HD 7500G + 7550M Dual	497	1629	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ASUS EAH48/UX2	496	1630	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1631	NA	NA
GeForce 820M	494	1632	NA	NA
GeForce 9800 GTX+	494	1633	NA	NA
Radeon HD8530M	490	1634	NA	NA
GeForce 9600 GT	488	1636	7.51	\$64.99*
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1635	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1637	NA	NA
Radeon R4E	487	1638	NA	NA
Radeon HD 7520G + 7400M Dual	486	1639	NA	NA
Radeon R5 M420	486	1640	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1641	NA	NA
GeForce 8800 GT	478	1644	2.14	\$223.52
GeForce GT 540M	478	1645	5.44	\$87.95*
GeForce GT 625M	478	1643	NA	NA
Mobility Radeon HD 5000 Serisi	478	1642	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1646	NA	NA
Mobility Radeon HD 3870 X2	477	1647	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1648	NA	NA
GeForce 800A	476	1652	NA	NA
Radeon HD 5570	476	1650	2.51	\$189.74
Radeon HD 7600G + HD 7500M/7600M Dual	476	1651	NA	NA
Radeon HD 7660G	476	1649	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1655	NA	NA
Radeon HD 8450G + 8670M Dual	474	1654	NA	NA
Radeon R6 A8-8600P	474	1653	NA	NA
GeForce 710A	473	1657	NA	NA
Radeon R5 M315	473	1656	NA	NA
FirePro 3D V3800	472	1659	3.15	\$149.99*
Radeon HD 7670M	472	1658	0.75	\$629.99*
Radeon HD 8570D + R5 235 Dual	470	1660	NA	NA
Quadro FX 1800M	466	1662	NA	NA
Quadro FX 3600M	466	1661	NA	NA
Radeon 3020e	465	1665	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
SUMO 9644	465	1663	NA	NA
FirePro V5700	464	1667	2.47	\$188.06*
Radeon HD 7550M	464	1666	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4670	463	1668	NA	NA
GeForce 8800M GTX	462	1669	NA	NA
GeForce 9800 GT	461	1673	3.07	\$149.99
GeForce GT 320	461	1672	14.10	\$32.69*
Intel HD Family	461	1670	NA	NA
Radeon HD 7640G	461	1671	NA	NA
GeForce GT 525M	460	1674	NA	NA
GeForce GT 720M	460	1676	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1675	NA	NA
GeForce 710M	459	1677	NA	NA
Radeon HD 7560D	458	1678	NA	NA
GeForce 800M	457	1679	NA	NA
GeForce GT625M	457	1680	NA	NA
Quadro FX 3700M	456	1681	0.49	\$925.00*
GeForce 705M	455	1682	NA	NA
GeForce 9800M GTX	454	1684	1.38	\$328.50*
Radeon R5 M320	454	1683	NA	NA
Radeon HD 7520G + 7650M Dual	453	1685	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1686	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1687	NA	NA
Mobility Radeon HD 5650	449	1689	NA	NA
Radeon R5 M240	449	1688	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1690	NA	NA
PHDGD Ivy 5	445	1692	NA	NA
Radeon HD 7660G + 8600M Dual	445	1691	NA	NA
GeForce GT 710M	444	1693	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1694	NA	NA
Radeon HD 7650M	442	1695	NA	NA
Radeon HD 8570M	441	1696	NA	NA
Quadro 410	438	1697	3.40	\$129.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8410G	435	1699	NA	NA
GeForce GT 620M	434	1700	NA	NA
Radeon HD 3850 AGP	432	1701	NA	NA
Radeon HD 8570D	431	1702	NA	NA
Quadro FX 4600	430	1703	1.29	\$333.25*
Radeon HD 7570M	426	1704	NA	NA
FirePro M2000	425	1705	NA	NA
GeForce GT 420	424	1706	2.74	\$155.00*
Radeon HD 7600G + 7550M Dual	423	1708	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1707	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1710	NA	NA
RADEON HD6410D	422	1709	NA	NA
Radeon HD 8500M	420	1711	NA	NA
Intel 4th Generation Haswell HD	419	1712	NA	NA
GeForce 8800 GTS	415	1713	5.19	\$79.99*
Radeon HD 8610G	415	1714	NA	NA
Radeon R5 M230	414	1715	NA	NA
Quadro FX 2800M	413	1716	2.18	\$190.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 810M	411	1718	NA	NA
Radeon HD 8550G	411	1717	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1719	NA	NA
GeForce GTS 350M	407	1720	NA	NA
Radeon HD 7470M	407	1721	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1722	NA	NA
RADEON E4690	405	1724	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1723	NA	NA
Mobility Radeon HD 4650	401	1725	NA	NA
Quadro FX 1800	400	1726	2.97	\$135.00*
Radeon HD 6550D	400	1727	NA	NA
Intel HD 5300	398	1728	NA	NA
GeForce GT 420M	397	1729	NA	NA
Radeon HD 8650D	396	1730	NA	NA
GeForce GT 330	394	1731	9.87	\$39.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3850	392	1733	NA	NA
Incredible HD	389	1735	NA	NA
Radeon HD 7600G + 7450M Dual	389	1734	NA	NA
GeForce 7900 GTX	387	1736	NA	NA
GeForce 8800M GTS	382	1738	NA	NA
GeForce GT 335M	382	1737	NA	NA
GeForce 9800M GT	381	1739	NA	NA
GeForce GT 130	381	1740	2.52	\$151.34*
GeForce GTX 260M	379	1742	NA	NA
Radeon HD 4670	379	1741	2.66	\$142.96*
Quadro FX 3700	377	1743	1.77	\$213.27*
Radeon HD 6490M	377	1744	0.32	\$1,193.03*
GeForce 9800M GTS	376	1749	NA	NA
GeForce GT 620	376	1748	2.45	\$154.00*
Radeon HD 5550	376	1747	6.85	\$54.99*
Radeon HD 7520G + 8750M Dual	376	1745	NA	NA
Radeon HD 7600G + 6400M Dual	376	1746	NA	NA
PHDGD Ivy 4	374	1751	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1750	NA	NA
Radeon 3015e	372	1752	NA	NA
Intel UHD Graphics 605	369	1753	NA	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1754	NA	NA
Radeon HD 8470D	367	1755	NA	NA
Matrox Millennium P690 PCIe x16	366	1757	NA	NA
Quadro FX 2700M	366	1756	3.67	\$99.95*
Mobility Radeon HD 3850	365	1759	NA	NA
Radeon HD4670	365	1758	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1760	NA	NA
Radeon HD 7620G	363	1761	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1762	NA	NA
Intel HD 505	359	1763	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1764	NA	NA
Radeon HD 8510G	357	1765	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G1 b2b	353	1767	NA	NA
Mobility Radeon HD 565v	353	1769	NA	NA
Radeon HD 6480M	353	1768	NA	NA
ZX C-1080	351	1770	NA	NA
Radeon HD 7580D	350	1771	NA	NA
Radeon HD 8450G	349	1772	NA	NA
GeForce 7950 GT	347	1773	1.31	\$264.57*
Intel HD 4000	345	1774	0.22	\$1,592.95*
FireGL V5600	341	1777	1.52	\$225.00*
FirePro 3D V3750	341	1775	6.71	\$50.88*
Radeon HD 6620G	341	1776	NA	NA
Radeon HD 8310E	340	1778	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1779	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1780	NA	NA
Radeon HD 6530D	337	1781	NA	NA
Radeon R4	336	1782	0.85	\$396.99*
Radeon R5 235	336	1783	5.59	\$60.13*
FirePro RG220	335	1784	0.52	\$650.18*
Radeon HD 7600G + 8500M/8700M Dual	333	1785	NA	NA
Radeon HD 7540D	332	1786	NA	NA
Radeon R5 310	331	1787	0.66	\$499.00*
GeForce 8800 GS	330	1788	NA	NA
GeForce GT 705	330	1789	1.11	\$296.76*
GeForce 9600 GSO 512	329	1790	NA	NA
Radeon HD 7450M	329	1791	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1792	NA	NA
GeForce 9600 GSO	327	1793	3.05	\$107.39*
Radeon HD 7600G	327	1794	NA	NA
GeForce GT 120 / 9500 GT	324	1795	NA	NA
GeForce GT 230	323	1797	7.35	\$43.99*
Radeon E6460	323	1796	NA	NA
FirePro V3800	320	1799	2.57	\$124.99*
Intel UHD Graphics 600	320	1798	NA	NA
RADEON HD6370D	320	1800	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Mobility Radeon HD 560V	318	1802	NA	NA
GeForce 605	317	1803	2.32	\$136.83*
Radeon HD 7520G	316	1804	NA	NA
GeForce GT 520	311	1807	1.02	\$304.00*
GeForce GT 610	311	1806	2.22	\$139.99*
Radeon HD 7520G + 8600/8700M Dual	311	1808	NA	NA
Radeon HD 8370D	311	1805	NA	NA
Radeon HD 7420G	308	1809	NA	NA
Radeon HD 7500G	307	1810	NA	NA
Quadro FX 3500M	306	1812	3.06	\$99.99*
Radeon R3	306	1811	NA	NA
Radeon HD 8350G	304	1813	NA	NA
Radeon R1E	301	1814	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 315	300	1816	4.29	\$69.99*
Radeon R5E	300	1815	NA	NA
Radeon HD 6520G	299	1817	NA	NA
Intel HD 500	298	1818	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1820	NA	NA
GRID K120Q	293	1819	NA	NA
Radeon HD 2900 GT	292	1821	NA	NA
GeForce 610M	290	1823	NA	NA
GeForce 7800 GTX	290	1822	4.06	\$71.60*
Radeon HD 7470	289	1824	3.55	\$81.37*
Radeon HD 7450A	288	1825	NA	NA
GeForce 7950 Xtreme	287	1826	NA	NA
GeForce GT 415M	286	1827	NA	NA
GeForce GT 520MX	284	1829	NA	NA
Intel HD P3000	284	1828	NA	NA
Mobility Radeon HD 5165	284	1830	NA	NA
GeForce GT 520M	283	1831	9.46	\$29.95*
Qualcomm Adreno 630 GPU	282	1832	NA	NA
Radeon HD 2600 XT	282	1833	1.78	\$159.00*
GeForce 9600 GS	281	1834	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9700M G1S	278	1837	NA	NA
NVS 4200M	278	1836	0.70	\$399.00*
Radeon R5 235X	277	1838	NA	NA
Radeon HD 6370M	275	1839	NA	NA
Radeon HD 8400E	275	1840	NA	NA
GeForce 9650M GS	270	1842	NA	NA
GeForce Go 7900 GTX	270	1841	NA	NA
Radeon HD 8280G	269	1843	NA	NA
Radeon HD 5470	268	1844	NA	NA
Radeon HD 7400G	267	1845	NA	NA
Mobility Radeon HD 550v	266	1846	NA	NA
Radeon HD 8400	266	1847	NA	NA
Radeon HD 8330	264	1848	NA	NA
GeForce Go 7950 GTX	263	1849	NA	NA
Radeon HD 8490	263	1850	2.93	\$89.99*
Radeon HD 6450A	260	1852	NA	NA
Radeon HD 8280	260	1851	NA	NA
Quadro FX 3500	259	1853	3.77	\$68.98*
GeForce 7900 GT	258	1854	1.30	\$199.00*
GeForce 410M	256	1856	NA	NA
Radeon HD 6480G	256	1855	NA	NA
Radeon HD 8280E	256	1857	NA	NA
Intel HD 3000	255	1858	0.27	\$945.00*
Radeon HD 6370D	255	1859	NA	NA
GeForce 510	254	1860	3.64	\$69.99*
GeForce 7900 GS	253	1861	NA	NA
GeForce GT 415	251	1862	NA	NA
Radeon HD 8330E	251	1863	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8470	250	1864	NA	NA
Radeon HD 7640G + 8600M Dual	249	1865	NA	NA
NVS 310	248	1866	4.01	\$62.06*
Radeon R2	248	1867	NA	NA
GeForce 7900 GT/GTO	247	1868	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7800 G1	244	1870	3.05	\$80.00*
Quadro FX 5500	242	1871	0.12	\$1,999.00*
Radeon HD4650	239	1872	1.57	\$152.90*
Quadro NVS 510M	238	1874	NA	NA
Radeon HD 4650	238	1873	3.41	\$69.99*
Mobility Radeon HD 5470	236	1876	NA	NA
Quadro FX 4500 X2	236	1877	NA	NA
Radeon HD 6410D	236	1875	NA	NA
Mobile Intel HD	235	1878	0.49	\$479.98*
Radeon HD 4550	235	1879	1.51	\$156.00*
Mobility Radeon HD 3670	232	1881	NA	NA
Quadro FX 570	232	1880	2.02	\$115.00*
Radeon E6465	231	1882	NA	NA
Quadro NVS 290	228	1883	3.86	\$59.00*
Quadro FX 4500	227	1885	1.34	\$169.00*
Radeon HD 6470M	227	1884	0.40	\$569.99*
Quadro FX 880M	224	1887	NA	NA
Radeon HD 7450	224	1886	4.50	\$49.99*
Radeon R3E	224	1888	NA	NA
GT 430	223	1889	1.56	\$142.88*
Intel G965 Express	222	1890	NA	NA
Radeon HD 7340M	221	1892	NA	NA
Radeon R5 230	221	1891	2.74	\$81.10*
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1894	NA	NA
Quadro FX 770M	220	1893	0.42	\$527.00*
Mobility FireGL V5725	219	1895	NA	NA
GeForce GT 220	218	1896	5.47	\$39.99*
GeForce 7600 GT	217	1898	1.09	\$199.00*
Quadro FX 2500M	217	1897	12.45	\$17.50*
GeForce GT 330M	216	1900	NA	NA
Radeon HD 6320 Graphic	216	1899	NA	NA
Mobility Radeon. HD 5470	215	1901	NA	NA
Mobility Radeon HD 5450	214	1902	NA	NA
GeForce GT 240M	213	1903	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G1 230UM	212	1905	NA	NA
Radeon HD 8250	212	1907	NA	NA
Radeon R2E	212	1906	NA	NA
Radeon HD 2600 PRO	211	1908	1.12	\$188.44*
GeForce Go 7600 GT	210	1909	NA	NA
GeForce 320M	209	1910	NA	NA
GeForce Go 7800 GTX	209	1911	NA	NA
GeForce 9700M GT	208	1912	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 320M	208	1913	NA	NA
Radeon HD 4650 AGP	207	1914	NA	NA
Barco MXRT 1450	205	1915	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1916	NA	NA
GeForce 7950 GX2	201	1917	3.67	\$54.99*
Intel Q45/Q43 Express Chipset	201	1918	NA	NA
Radeon HD 6380G	200	1919	0.50	\$399.99*
Mobility Radeon HD 545v	199	1920	NA	NA
RADEON HD7450	199	1921	8.95	\$22.25*
Radeon HD 6320M	198	1922	NA	NA
Radeon HD 6450	197	1923	2.22	\$89.00*
Radeon HD 7340G	196	1924	NA	NA
Intel Infoshock HD	193	1925	NA	NA
Radeon HD 8210E	193	1926	NA	NA
Radeon HD 6430M	192	1927	NA	NA
GeForce 6800 GS	191	1929	NA	NA
Mobility Radeon HD 2600 XT	191	1928	NA	NA
Mobility Radeon HD 4550	191	1930	NA	NA
Radeon HD 8210	189	1931	NA	NA
Mobility Radeon HD 540v	188	1932	NA	NA
NVS 5100M	188	1933	NA	NA
GeForce 9500 GS	187	1934	NA	NA
RDPDD Chained DD	186	1935	NA	NA
GeForce G100	184	1936	9.24	\$19.99*
Mobility Radeon HD 5430	181	1938	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Barco MXKI / 10U	180	1940	NA	NA
Radeon HD 7310G	180	1939	NA	NA
FireGL V3600	179	1941	1.12	\$160.99*
Quadro FX 3450/4000 SDI	179	1942	NA	NA
Radeon HD 6230	179	1943	NA	NA
FirePro 3D V3700	178	1944	2.10	\$84.99*
GeForce 7800 GS	177	1945	NA	NA
GeForce Go 7900 GS	176	1946	NA	NA
Mobility Radeon HD 530v	174	1947	NA	NA
Radeon HD 7310 - Carte graphique	174	1948	NA	NA
Quadro FX 1700M	172	1949	NA	NA
Quadro FX 1500M	171	1950	NA	NA
FirePro 2460	170	1952	2.03	\$83.99*
Radeon HDG 4670	170	1951	NA	NA
GeForce 9200	169	1955	NA	NA
GeForce GT 325M	169	1953	NA	NA
Intel 2nd Generation SandyBridge HD	169	1956	NA	NA
Quadro FX 1500	169	1954	0.37	\$456.62
GeForce G102M	167	1958	NA	NA
Mobility Radeon HD 2600	167	1957	NA	NA
Radeon HD 7310M	166	1959	NA	NA
Intel HD manual-gen9_2015-133271	165	1960	NA	NA
Radeon HD 7350	165	1961	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9500 GT	163	1962	1.90	\$85.99*
Radeon HD 8350	162	1963	1.63	\$99.81*
Quadro FX 580	161	1964	1.24	\$130.00*
GeForce GT 120	160	1966	5.34	\$29.99*
Intel Q965/Q963 Express	160	1965	NA	NA
Radeon HD 3670	159	1967	NA	NA
GeForce 8600 GTS	158	1968	0.66	\$241.99*
GeForce 7600 GS	157	1970	1.28	\$122.29
Quadro FX 380	157	1969	2.17	\$72.50*
GeForce 315	156	1972	4.74	\$32.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8200	155	1973	NA	NA
GeForce 9400 GT	155	1974	2.32	\$67.21
Radeon HD 4300/4500 Serisi	155	1975	NA	NA
Radeon HD 7340	153	1976	0.28	\$552.69*
GeForce 8400 GS	152	1977	1.77	\$85.97*
Radeon X1950 CrossFire Edition	151	1978	NA	NA
GeForce 305M	150	1980	NA	NA
GeForce GT 120M	150	1979	NA	NA
Radeon HD 3650 AGP	150	1981	0.81	\$185.00*
Mobility Radeon HD 4350	148	1984	NA	NA
Quadro 400	148	1983	0.70	\$211.00*
Quadro FX 3450	148	1982	1.24	\$119.99*
GeForce Go 7700	147	1986	NA	NA
Radeon HD 6320	147	1987	0.27	\$554.99*
Radeon R5 220	147	1985	1.74	\$85.26*
ZX Chrome 645/640 GPU	147	1988	NA	NA
GeForce GT 130M	146	1990	NA	NA
S3 5400EW	146	1989	NA	NA
Radeon X1900 GT	145	1991	NA	NA
GeForce 6600 GT	143	1993	2.21	\$64.95*
GeForce 9200M GE	143	1994	NA	NA
Radeon HD 6300M	143	1992	NA	NA
FirePro 2270	142	1995	1.06	\$134.00*
GeForce 6800 GT	142	1997	NA	NA
Mobility Radeon HD 4570	142	1996	1.88	\$75.90*
Mobility Radeon HD 3650	140	2002	1.91	\$73.53*
nForce 760i SLI	140	2003	NA	NA
Radeon HD 4290	140	1999	NA	NA
Radeon HD 6290M	140	2001	NA	NA
RADEON HD 6350	140	1998	2.39	\$59.00*
Radeon X1800 GTO	140	2000	NA	NA
GeForce 8500 GT	139	2006	NA	NA
Intel Haswell HD - GT2	139	2005	NA	NA
NVS 2100M	139	2004	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel B43 Express Chipset	138	2009	NA	NA
Radeon HD 8180	138	2008	NA	NA
GeForce 9650M GT	137	2011	1.17	\$117.30*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6800 Ultra	137	2010	NA	NA
Radeon X1900 CrossFire Edition	137	2012	NA	NA
GeForce 7300 GT	136	2013	0.91	\$149.99*
GeForce G200	136	2015	NA	NA
Radeon HD 5450	136	2014	1.95	\$69.99
GeForce 9600M GT	135	2017	1.73	\$78.20*
Mobility Radeon HD 4330	135	2019	NA	NA
Quadro NVS 160M	135	2016	NA	NA
Radeon HD 4350	135	2018	2.65	\$50.99
EAH5450	134	2022	1.22	\$109.99*
GeForce 7650 GS	134	2024	NA	NA
GeForce 9500M GS	134	2023	NA	NA
GeForce 9800 GT 1024MB	134	2021	NA	NA
Mobility Radeon X1900	134	2020	NA	NA
VIA/S3G C-645/640 GPU	132	2025	NA	NA
Quadro FX 1600M	131	2026	0.87	\$149.90*
GeForce 9600M GS	130	2027	NA	NA
MOBILITY RADEON X1800	130	2028	NA	NA
RADEON X800 SE	129	2029	NA	NA
FireGL V7300	128	2031	0.11	\$1,189.99*
GeForce 9300 / nForce 730i	128	2030	NA	NA
Radeon HD 7310	128	2032	NA	NA
All-in-Wonder X1900	127	2034	NA	NA
GeForce 310	127	2035	1.17	\$108.35*
GeForce Go 7600	127	2033	NA	NA
GeForce 205	126	2039	NA	NA
GeForce 9300	126	2036	2.15	\$59.00*
Qualcomm Adreno 618 GPU	126	2038	NA	NA
Radeon HD 3300	126	2037	NA	NA
Intel G41 Express Chipset	125	2040	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1400	124	2043	0.51	\$245.01*
Seria Mobility Radeon HD 3400	124	2041	NA	NA
GeForce 6800 XT	123	2045	NA	NA
GeForce 8600 GT	123	2047	0.63	\$196.00*
Intel Haswell HD - GT1	123	2046	NA	NA
Radeon HD 7290M	123	2044	NA	NA
GeForce G105M	122	2048	NA	NA
Quadro FX 380 LP	122	2049	NA	NA
Radeon HD 4250	122	2050	NA	NA
Radeon HD 6310	122	2051	NA	NA
GeForce 9500M G	121	2054	NA	NA
GeForce GT 220M	121	2052	NA	NA
Intel G45/G43 Express Chipset	121	2055	NA	NA
NVS 300	121	2053	1.93	\$62.97*
Extreme AX850 PRO	120	2059	NA	NA
GeForce 405	120	2058	4.89	\$24.64*
Quadro FX 380M	120	2056	NA	NA
Radeon HD 2400	120	2057	1.37	\$88.20*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 505	118	2064	1.03	\$115.06*
Qualcomm Adreno 540 GPU	118	2063	NA	NA
Radeon HD 2400 XT	118	2060	NA	NA
Radeon HD 3470	118	2062	1.08	\$109.65*
RV530 PRO	118	2061	NA	NA
FireMV 2260	117	2065	1.33	\$88.08*
Mobile Intel 45 Express-Chipsatzfamilie	117	2066	NA	NA
FireGL V7200	116	2070	NA	NA
GeForce G210M	116	2069	NA	NA
PHDGD Quantic C3	116	2067	NA	NA
Radeon X1700 Targa Edition	116	2068	NA	NA
GeForce 310M	115	2071	NA	NA
GeForce 315M	115	2075	NA	NA
GeForce 8300 GS	115	2074	NA	NA
Radeon HD 4330	115	2073	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V5200	114	2080	0.86	\$133.40*
GeForce 210	114	2077	2.12	\$54.15*
GeForce Go 7800	114	2079	NA	NA
NVS 3100M	114	2078	NA	NA
Radeon HD 2400 Pro	114	2081	NA	NA
RADEON X800 GTO	114	2076	NA	NA
Quadro FX 560	113	2082	0.76	\$150.25*
FirePro 2260	112	2084	NA	NA
GeForce 6800	112	2085	0.20	\$559.29*
Intel HD Modded	112	2087	NA	NA
Radeon X1950 Pro	112	2083	NA	NA
Sapphire RADEON X800 GT	112	2086	NA	NA
GeForce 9200M GS	111	2090	NA	NA
Mobility Radeon HD 3400 Serisi	111	2091	NA	NA
Radeon HD 4200	111	2089	NA	NA
Radeon HD 7290	111	2088	NA	NA
FireGL V7350	110	2092	0.93	\$119.42*
GeForce G210	110	2093	0.90	\$122.12*
Radeon HD 2600 Pro AGP	110	2094	NA	NA
GeForce 6800 LE	109	2096	NA	NA
GeForce 8400M GS	109	2098	1.40	\$78.20*
Radeon HD 4270	109	2095	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2097	NA	NA
Intel Media Accelerator HD	108	2099	NA	NA
Quadro FX 370 LP	108	2100	NA	NA
GeForce Go 6800	106	2103	NA	NA
Radeon Infoshock 3000	106	2101	NA	NA
Radeon X1950 GT	106	2102	NA	NA
GeForce GT 320M	105	2105	NA	NA
GeForce9400M	105	2104	NA	NA
GeForce 9450	104	2106	NA	NA
M880G with Mobility Radeon HD 4250	104	2110	NA	NA
Mobility Radeon X1700	104	2107	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 5/UM	104	2111	NA	NA
Radeon HD 6290	104	2108	NA	NA
FireGL V3400	103	2113	NA	NA
GeForce 9500M	103	2112	1.02	\$101.20*
GeForce 6800 GS/XT	102	2116	NA	NA
GeForce 9300 GS	102	2118	1.71	\$59.95*
GeForce 9300M GS	102	2117	2.36	\$43.42*
Mobility Radeon HD 2400 XT	102	2119	NA	NA
Quadro FX 370 Low Profile	102	2114	NA	NA
Quadro NVS 420	102	2115	0.69	\$150.00*
GeForce 8300	101	2121	4.48	\$22.68*
GeForce 9400M	101	2122	NA	NA
Quadro FX 4000	101	2123	NA	NA
Quadro FX Go1400	101	2120	NA	NA
Matrox G200e WDDM 2.0	100	2124	NA	NA
GeForce 9400	98	2126	NA	NA
Mobility Radeon HD 3430	98	2129	NA	NA
Mobility Radeon HD 4250	98	2127	NA	NA
Radeon 3000	98	2128	0.31	\$319.00*
Radeon X1600 Pro	98	2125	NA	NA
GeForce 9300GE	97	2131	1.01	\$97.20*
ION LE	97	2130	NA	NA
Quadro NVS 130M	97	2133	NA	NA
RADEON X800 XT	97	2132	NA	NA
Mobility Radeon HD serie 4200	96	2134	NA	NA
GeForce 6700 XL	95	2136	NA	NA
Radeon HD 3000	95	2135	NA	NA
MEDION RADEON X740XL	94	2137	NA	NA
Quadro NVS 295	94	2138	1.49	\$63.00*
Mobility Radeon HD 3470	93	2141	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2139	NA	NA
Quadro FX 370M	93	2142	NA	NA
Radeon HD 6250	93	2140	NA	NA
FireGL V5100	92	2145	0.81	\$114.96*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4270	92	2143	NA	NA
Mobility Radeon X1600	92	2146	NA	NA
nForce 780a SLI	92	2147	NA	NA
GeForce 8600 GS	91	2148	NA	NA
GeForce G205M	91	2150	NA	NA
Mobility Radeon HD 3450	91	2151	NA	NA
RADEON X600XT	91	2149	NA	NA
Mobility Radeon HD 4200	90	2152	NA	NA
GeForce 7500 LE	89	2156	NA	NA
GeForce 8600M GT	89	2153	0.83	\$108.10*
Matrox G200eW3 WDDM 2.0	89	2155	NA	NA
Mobility Radeon HD 2400	89	2154	NA	NA
GeForce 6610 XL	88	2157	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6600	86	2159	0.33	\$264.00*
Quadro FX 360M	86	2158	NA	NA
Quadro FX 350	85	2160	NA	NA
ALL-IN-WONDER X800 GT	84	2164	NA	NA
FireGL V3200	84	2161	NA	NA
GeForce 9300M G	84	2163	NA	NA
ION	84	2166	0.37	\$229.99*
Radeon X1300 PRO	84	2165	NA	NA
Radeon X1650 Pro	84	2162	0.53	\$160.89*
RADEON X800 GT	84	2167	NA	NA
GeForce 999 GTX	83	2168	NA	NA
nForce 750a SLI	83	2170	NA	NA
Quadro FX 370	83	2169	0.67	\$125.00*
Radeon HD 3200	82	2171	NA	NA
GeForce 8400	81	2178	0.14	\$589.99*
GeForce 9100	81	2172	NA	NA
GeForce 9300 SE	81	2176	NA	NA
MOBILITY FireGL V5000	81	2175	NA	NA
Mobility Radeon 4100	81	2180	NA	NA
Mobility Radeon X2500	81	2174	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X800 X1 Platinum Edition	81	2179	NA	NA
RADEON X850 XT	81	2181	NA	NA
RADEON X850 XT Platinum Edition	81	2173	NA	NA
GeForce 7300 LE	80	2184	2.50	\$32.00*
GeForce 9300 GE	80	2183	3.50	\$22.99*
Quadro FX 540	80	2182	1.35	\$59.99*
GeForce 8100 / nForce 720a	79	2186	NA	NA
RADEON X800GT	79	2185	NA	NA
GeForce 7300 GS	78	2187	NA	NA
Quadro NVS 140M	78	2188	NA	NA
Intel Q35 Express	77	2189	NA	NA
Radeon HD 2350	76	2190	NA	NA
M860G with Mobility Radeon 4100	75	2192	NA	NA
RADEON X700 PRO	75	2191	NA	NA
GeForce 7350 LE	74	2194	NA	NA
Radeon X1650 GTO	74	2193	NA	NA
FireMV 2450	73	2195	NA	NA
Mobility Radeon HD 4300 Serisi	73	2198	NA	NA
Radeon 3100	73	2196	0.39	\$189.15*
RADEON X800 PRO/GTO	73	2197	NA	NA
RADEON X700	72	2200	NA	NA
RADEON X850 PRO	72	2199	NA	NA
FireGL V7100	71	2201	0.22	\$328.67*
M880G with Mobility Radeon HD 4225	71	2203	NA	NA
MEDION RADEON 9800 XXL	71	2202	NA	NA
Radeon X1650 SE	71	2205	NA	NA
RADEON X700 SE	71	2204	NA	NA
Diamond X1300-PCIE 256MB	70	2210	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireGL V3300	70	2207	NA	NA
GeForce 8600M GS	70	2208	NA	NA
Quadro NVS 150M	70	2209	NA	NA
Radeon X550XTX	70	2206	NA	NA
BASICDISPLAY	69	2211	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Quadro FX 3000	69	2215	0.41	\$166.61*
Radeon X1600 Pro / X1300XT	69	2214	NA	NA
RADEON X800 XL	69	2213	NA	NA
FireGL V3350	68	2216	NA	NA
GeForce 8400 SE	68	2217	NA	NA
GeForce 9100M G	68	2218	NA	NA
GeForce 9400M G	67	2221	NA	NA
Intel G45/G43/G41 Express Chipset	67	2219	NA	NA
Matrox G200eR WDDM 2.0	67	2220	NA	NA
RADEON X600 PRO	67	2222	0.42	\$160.49*
GeForce 8400M GT	66	2225	NA	NA
Mobility Radeon HD 4225	66	2227	NA	NA
MOBILITY RADEON X700	66	2224	NA	NA
Quadro NVS 450	66	2223	0.15	\$438.00*
Radeon X1550	66	2226	0.43	\$155.00*
GeForce Go 7400	65	2228	NA	NA
RADEON X800 PRO	64	2229	NA	NA
Quadro FX 550	63	2230	0.22	\$287.82*
GeForce G 103M	62	2234	NA	NA
GeForce G 105M	62	2231	NA	NA
Intel HD manual-15.28-1861	62	2233	NA	NA
MOBILITY FireGL V3200	62	2235	NA	NA
Mobility Radeon HD 3410	62	2232	NA	NA
SAPPHIRE Radeon X1550	61	2236	NA	NA
FireGL X1	59	2242	NA	NA
GeForce FX 5950 Ultra	59	2241	NA	NA
Matrox G200e WDDM 1.2	59	2240	NA	NA
MOBILITY RADEON X700 XL	59	2237	NA	NA
Radeon 2100	59	2238	0.31	\$190.99*
RADEON 9800 PRO	59	2239	NA	NA
GeForce 6800 XE	58	2243	NA	NA
GeForce 8200M G	58	2246	NA	NA
GeForce 8400M G	58	2244	NA	NA
Radeon X1300	58	2245	0.61	\$95.78*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel G41 Express-Chipsatz	57	2249	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2250	NA	NA
RADEON 9800	57	2248	0.18	\$325.00*
Intel - Express Chipset G41	56	2252	NA	NA
RADEON 9800 XT	56	2251	NA	NA
RADEON X550XT	56	2254	NA	NA
RADEON X600 256MB HyperMemory	56	2253	NA	NA
GeForce 6200 TurboCache	53	2256	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9700 PRO	53	2255	NA	NA
FireGL V3100	52	2257	NA	NA
GeForce Go 7300	52	2259	NA	NA
Radeon Xpress 1300	52	2258	NA	NA
FirePro 2450	51	2265	0.57	\$89.99*
GeForce 6600 LE	51	2263	NA	NA
GeForce 7100 GS	51	2264	NA	NA
GeForce FX Go5700	51	2262	NA	NA
Matrox G200eh WDDM 1.2	51	2260	NA	NA
RADEON E2400	51	2261	NA	NA
Matrox G200eW WDDM 1.2	50	2270	NA	NA
Mobility Radeon HD 2300	50	2267	NA	NA
MOBILITY RADEON X600	50	2269	NA	NA
Quadro NVS 135M	50	2268	NA	NA
RADEON X550	50	2266	NA	NA
MOBILITY RADEON X600 SE	49	2272	NA	NA
Radeon X1050	49	2273	NA	NA
Radeon X1600	49	2271	NA	NA
RADEON X600 SE	49	2274	0.87	\$56.18*
Mobility Radeon X2300	48	2276	NA	NA
Mobility Radeon X2300 HD	48	2275	NA	NA
GeForce 7300 SE/7200 GS	47	2277	NA	NA
Intel G33/G31 Express	47	2282	NA	NA
Mobile Intel 965 Express	47	2280	NA	NA
Quadro NVS 110M	47	2279	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
SAPPHIRE RADEON 9600 ATLANTIS	47	2281	NA	NA
Matrox G200eh WDDM 2.0	46	2284	NA	NA
MOBILITY RADEON 9800	46	2285	NA	NA
Quadro NVS 120M	46	2283	NA	NA
FireMV 2250	45	2286	0.44	\$104.00*
GeForce Go 7200	45	2288	NA	NA
Matrox G200eR WDDM 1.2	45	2287	NA	NA
GeForce Go 6600 TE/6200 TE	44	2290	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2293	NA	NA
Mobile Intel serie 4 Express	44	2292	NA	NA
MOBILITY FireGL V5200	44	2289	NA	NA
Quadro FX 350M	44	2291	NA	NA
Radeon 9700 TX w/TV-Out	44	2294	NA	NA
Mobile Intel 45 Express	43	2295	NA	NA
Matrox M9138 LP PCIe x16	42	2299	NA	NA
Mobility Radeon X1400	42	2296	NA	NA
Quadro NVS 285	42	2300	0.25	\$169.86*
RADEON 9600 PRO	42	2297	NA	NA
Radeon Xpress 1250	42	2298	NA	NA
GeForce 7050 / nForce 620i	41	2303	NA	NA
GeForce 7100 / nForce 630i	41	2301	NA	NA
GeForce FX 5900 Ultra	41	2304	NA	NA
RADEON 9500 PRO / 9700	41	2302	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5700	40	2305	NA	NA
GeForce FX 5900XT	40	2310	NA	NA
Matrox G200eh	40	2307	NA	NA
Matrox M9148 LP PCIe x16	40	2309	NA	NA
MOBILITY FIREGL T2	40	2306	NA	NA
Radeon Xpress 1300M	40	2308	NA	NA
GeForce 7300 SE	39	2316	NA	NA
Matrox G200eW	39	2312	NA	NA
MOBILITY RADEON 9600/9700	39	2315	NA	NA
Mobility Radeon X1300	39	2313	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
S3 Chrome 430 ULP	39	2314	NA	NA
GeForce 6500	38	2318	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2317	NA	NA
Quadro NVS 285 128MB	38	2319	0.70	\$55.00*
RADEON X300SE	38	2320	NA	NA
256MB DDR Radeon 9800 XT	37	2322	NA	NA
GeForce 6200	37	2324	0.71	\$53.17*
GeForce 6200SE TurboCache	37	2326	NA	NA
GeForce 7050 / nForce 630i	37	2321	NA	NA
Quadro NVS 440	37	2323	0.16	\$228.87*
Radeon X1250	37	2325	NA	NA
CONNECT 3D RADEON X300	36	2328	NA	NA
FireMV 2200 PCIe	36	2330	0.40	\$89.99*
Matrox G200eR	36	2327	NA	NA
MOBILITY RADEON 9600	36	2331	NA	NA
RADEON 9500	36	2329	0.90	\$40.50*
Quadro FX 1100	35	2332	0.17	\$212.99*
RADEON 9600 XT	35	2334	NA	NA
Radeon Xpress 1200	35	2333	NA	NA
GeForce FX 5700 Ultra	34	2340	NA	NA
GeForce FX 5900	34	2337	NA	NA
GeForce PCX 5750	34	2335	NA	NA
GeForce PCX 5900	34	2341	NA	NA
Quadro FX 1000	34	2339	NA	NA
Quadro FX 1300	34	2338	NA	NA
RADEON 9550	34	2336	0.12	\$291.74*
Radeon Xpress 1100	34	2342	NA	NA
GeForce 6150 LE	33	2346	NA	NA
GeForce 7150 / nForce 630i	33	2349	NA	NA
GeForce FX 5700VE	33	2348	NA	NA
MOBILITY FIREGL T2/T2e	33	2344	NA	NA
Mobility Radeon X1450	33	2347	NA	NA
MOBILITY RADEON X300	33	2343	NA	NA
S3 Chrome S27 DDR3	33	2345	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7025 / nForce 630a	32	2351	NA	NA
GeForce FX 5900ZT	32	2352	NA	NA
Intel Media Accelerator	32	2350	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1200	32	2353	NA	NA
GeForce 7050 PV / nForce 630a	31	2357	NA	NA
Matrox M9128 LP PCIe x16	31	2355	NA	NA
Radeon X1270	31	2358	NA	NA
Red Hat QXL controller	31	2356	NA	NA
All-in-Wonder X1800XL	30	2362	NA	NA
FireGL T2-128	30	2360	NA	NA
GeForce 6150SE nForce 430	30	2359	NA	NA
MOBILITY RADEON 9550	30	2361	NA	NA
Radeon 9550 / X1050	29	2365	NA	NA
Radeon Xpress 1150	29	2363	NA	NA
RADEON XPRESS 200	29	2364	NA	NA
GeForce 6100	27	2370	NA	NA
GeForce 6200 LE	27	2366	0.68	\$41.24*
MOBILITY FireGL V5250	27	2368	NA	NA
MOBILITY RADEON 9700	27	2367	NA	NA
MOBILITY RADEON XPRESS 200	27	2371	NA	NA
RADEON 9600SE	27	2369	NA	NA
GeForce 6100 nForce 405	26	2372	NA	NA
GeForce 7100 / nForce 620i	26	2375	NA	NA
RADEON 9600 PRO Family	26	2373	NA	NA
Radeon Xpress 1270	26	2374	NA	NA
GeForce 6100 nForce 400	25	2381	NA	NA
GeForce 6100 nForce 420	25	2380	NA	NA
GeForce 7050 / nForce 610i	25	2378	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2377	NA	NA
Matrox M9125 PCIe x16	25	2379	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2376	NA	NA
RADEON 9600 Family	25	2382	NA	NA
GeForce 6150SE	24	2384	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6400	24	2386	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2387	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2383	NA	NA
ALL-IN-WONDER 9800	23	2391	NA	NA
GeForce 6100 nForce 430	23	2393	NA	NA
GeForce 7200 GS	23	2392	NA	NA
Matrox M9140 LP PCIe x16	23	2390	NA	NA
Quadro NVS 210S	23	2388	NA	NA
RADEON 9800 SE	23	2389	NA	NA
RADEON A9800XT	22	2394	NA	NA
RADEON XPRESS 200M	22	2395	NA	NA
GeForce 6150	21	2396	0.07	\$329.00*
PHDGD Solo 2 x64	20	2398	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2397	NA	NA
GeForce Go 6150	19	2400	NA	NA
Matrox M9120 PCIe x16	19	2399	NA	NA
GeForce 7150M / nForce 630M	18	2404	NA	NA
Quadro FX 2000	18	2406	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
QXL KMDOD	18	2401	NA	NA
RADEON 9600 TX Family	18	2403	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2405	NA	NA
S3 Chrome S25 DDR2	18	2402	NA	NA
GeForce FX 5600 Ultra	17	2410	NA	NA
GeForce FX Go 5600	17	2408	NA	NA
GeForce Go 6100	17	2407	NA	NA
Mobile Intel965 Express	17	2409	NA	NA
GeForce FX Go5650	16	2411	NA	NA
GRID V100-8Q	16	2412	NA	NA
GeForce Go 6200	15	2414	NA	NA
NV44	15	2413	NA	NA
Quadro FX 500/600 PCI	14	2415	NA	NA
Radeon HD 2400 PCI	14	2416	NA	NA
GeForce 7000M	13	2417	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5200 Ultra	12	2421	NA	NA
GeForce FX 5600	12	2419	NA	NA
GeForce FX Go5300	12	2420	NA	NA
FireMV 2400 PCIe	11	2423	NA	NA
GeForce FX 5200SE	11	2422	NA	NA
Intel 82945G Express	11	2424	NA	NA
PHDGD Solo 1.2.0 x86	11	2426	NA	NA
RGH Drivers v3	11	2425	NA	NA
Master X3100 Driver	10	2427	NA	NA
MOBILITY IGP 9000/9100	10	2428	NA	NA
ASUS A7000	9	2431	NA	NA
GeForce FX 5600XT	9	2432	NA	NA
Matrox Parhelia 256MB	9	2429	NA	NA
VIA Chrome9 HD IGP	9	2430	NA	NA
GeCube RADEON 7000	8	2433	NA	NA
GeForce FX 5500	8	2436	0.05	\$153.97*
GeForce FX Go 5200	8	2434	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2439	NA	NA
Intel Q35 Embedded	8	2435	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2437	NA	NA
Quadro NVS 280 PCI	8	2438	0.06	\$130.00*
ASUS V9520-X V62.11	7	2442	NA	NA
GeForce FX 5100	7	2441	NA	NA
GeForce FX 5200	7	2444	0.06	\$129.00*
GeForce FX 5200LE	7	2447	0.16	\$42.99*
GeForce4 Ti 4400	7	2446	NA	NA
Intel US15 Embedded Media and Controller	7	2445	NA	NA
MOBILITY RADEON 9000 IGP	7	2440	NA	NA
Quadro FX 500/FX 600	7	2443	NA	NA
GeForce PCX 5300	6	2458	NA	NA
GeForce2 Ultra	6	2456	NA	NA
GeForce4 MX Integrated GPU	6	2453	NA	NA
GeForce4 Ti 4800 SE	6	2449	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Q33 Express	6	2454	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2450	NA	NA
MOBILITY RADEON 7000 IGP	6	2457	NA	NA
Quadro NVS 55/280 PCI	6	2460	NA	NA

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