

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.

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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	38463	1	17.86	\$2,153.94*
GeForce RTX 4080	34609	2	23.10	\$1,498.07*
RTX 5880 Ada Generation	34568	3	NA	NA
GeForce RTX 4080 SUPER	34226	4	34.23	\$999.99
GeForce RTX 4070 Ti	31779	5	36.11	\$879.99
GeForce RTX 4070 Ti SUPER	31765	6	24.19	\$1,312.97
Radeon RX 7900 XTX	31037	7	34.49	\$899.99
GeForce RTX 4070 SUPER	30063	8	50.11	\$599.99
RTX 5000 Ada Generation	29956	9	NA	NA
GeForce RTX 3090 Ti	29625	10	17.86	\$1,659.00*
Radeon PRO W7900	29154	11	NA	NA
Radeon RX 7900 XT	28926	12	41.92	\$689.99
GeForce RTX 4090 D	28686	13	NA	NA
Radeon PRO W	28439	14	NA	NA
RTX 4500 Ada Generation	28345	15	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX 6000 Ada Generation	28216	16	NA	NA
Radeon RX 6950 XT	28155	17	28.16	\$999.99*
RTX 5000 Ada Generation Embedded GPU	27774	18	NA	NA
GeForce RTX 4090 Laptop GPU	27746	19	NA	NA
GeForce RTX 3080 Ti	27059	20	23.03	\$1,174.96
GeForce RTX 4070	26941	21	50.83	\$529.99
Radeon RX 7900 GRE	26863	22	49.75	\$539.99*
Radeon RX 6900 XT	26740	23	17.71	\$1,509.67*
GeForce RTX 3090	26712	24	12.84	\$2,079.63
GeForce RTX 3080 12GB	26642	25	NA	NA
GeForce RTX 3080	25196	26	25.70	\$980.46
RTX 3500 Ada Generation Embedded GPU	25188	27	NA	NA
GeForce RTX 4080 Laptop GPU	25183	28	NA	NA
Radeon RX 6800 XT	25004	29	36.65	\$682.17*
RTX 4000 Ada Generation	24494	30	NA	NA
Radeon RX 7800 XT	24233	31	47.52	\$509.99
RTX 5000 Ada Generation Laptop GPU	24141	32	NA	NA
GeForce RTX 3070 Ti	23515	33	33.59	\$699.99
Radeon RX 7900M	22956	34	NA	NA
GeForce RTX 4060 Ti 16GB	22830	35	50.74	\$449.99
GeForce RTX 4060 Ti	22827	36	57.21	\$399.00
RTX A5000	22750	37	10.20	\$2,229.99*
Radeon PRO W7700	22747	38	NA	NA
RTX A6000	22535	39	5.48	\$4,109.99*
RTX 4000 Ada Generation Laptop GPU	22510	40	NA	NA
Radeon RX 7700 XT	22474	41	56.19	\$399.99
GeForce RTX 3070	22328	42	34.14	\$654.03
Radeon RX 6800	22136	43	56.18	\$393.99
NVIDIA A10	22064	44	NA	NA
GRID RTX6000-6Q	21986	45	NA	NA
RTX A5500	21854	46	10.07	\$2,169.99*
GeForce RTX 2080 Ti	21699	47	16.76	\$1,295.00
RTX A4500	21563	48	14.68	\$1,469.00*
Radeon RX 6750 XT	20796	49	62.08	\$334.99
RTX 4000 SFF Ada Generation	20741	50	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 RTX 3060 Ti	20442	51	42.22	\$484.19
TITAN V	20187	52	10.09	\$1,999.99*
TITAN RTX	20112	53	8.05	\$2,499.00*
Radeon RX 6700 XT	19855	54	25.22	\$787.16
Radeon PRO W6800	19832	55	10.72	\$1,849.99*
Quadro GV100	19824	56	2.20	\$8,999.00*
GeForce RTX 4060	19810	57	66.25	\$299.00
RTX 3500 Ada Generation Laptop GPU	19611	58	NA	NA
GeForce RTX 4070 Laptop GPU	19602	59	NA	NA
GeForce RTX 2080 SUPER	19554	60	28.55	\$684.86*
GeForce RTX 3080 Ti Laptop GPU	19546	61	NA	NA
Radeon RX 6750 GRE 12GB	19499	62	NA	NA
RTX A4000	19464	63	25.95	\$749.99*
Quadro RTX 8000	19385	64	4.52	\$4,290.00*
Radeon RX 6700	19267	65	NA	NA
TITAN Xp COLLECTORS EDITION	19122	66	NA	NA
L40S	18881	67	NA	NA
NVIDIA A10G	18773	68	NA	NA
GeForce RTX 2080	18765	69	23.44	\$800.61*
NVIDIA TITAN Xp	18749	70	11.40	\$1,645.00*
Quadro RTX 6000	18684	71	2.97	\$6,300.00*
GeForce GTX 1080 Ti	18572	72	38.39	\$483.82*
GeForce RTX 2070 SUPER	18218	73	33.74	\$539.99*
Radeon RX 6750 GRE 10GB	17895	74	NA	NA
GeForce RTX 3070 Ti Laptop GPU	17881	75	NA	NA
GeForce RTX 4060 Laptop GPU	17612	76	NA	NA
RTX 2000 Ada Generation	17515	77	NA	NA
RTX A5500 Laptop GPU	17443	78	NA	NA
Radeon RX 6850M XT	17369	79	NA	NA
RTX A4500 Laptop GPU	17292	80	NA	NA
Radeon RX 7600 XT	17248	81	54.76	\$314.99
Radeon RX 6650 XT	17212	82	67.50	\$254.99
Radeon RX 6650M XT	17070	83	NA	NA
RTX 2000 Ada Generation Embedded GPU	16990	84	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
TITAN V CEO Edition	16987	85	NA	NA
GeForce RTX 3060 12GB	16935	86	59.43	\$284.99
Radeon 8050S	16662	87	NA	NA
Radeon RX 7600	16608	88	68.35	\$242.99
Radeon VII	16591	89	8.73	\$1,899.95*
Radeon RX 5700 XT 50th Anniversary	16538	90	NA	NA
Radeon RX 6600 XT	16520	91	37.55	\$439.99
GeForce RTX 2060 SUPER	16507	92	40.26	\$409.99
Radeon RX 5700 XT	16497	93	33.78	\$488.33*
GeForce RTX 3080 Laptop GPU	16470	94	NA	NA
Radeon 8060S	16453	95	NA	NA
RTX A5000 Laptop GPU	16161	96	NA	NA
GeForce RTX 2070	16129	97	41.41	\$389.46*
RTX 3000 Ada Generation Laptop GPU	16024	98	NA	NA
GeForce RTX 2060 12GB	15905	99	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 5000	15871	100	NA	NA
Quadro GP100	15714	101	NA	NA
Radeon RX 6600 LE	15700	102	NA	NA
Intel Arc B580	15597	103	NA	NA
Radeon Pro Vega II	15596	104	NA	NA
Radeon RX 6800S	15592	105	NA	NA
GeForce GTX 1080	15555	106	35.13	\$442.79*
Radeon PRO W6600	15430	107	NA	NA
GeForce RTX 3070 Laptop GPU	15412	108	NA	NA
Radeon RX 7700S	15380	109	NA	NA
Quadro P6000	15377	110	4.73	\$3,250.00*
GeForce RTX 3060 8GB	15373	111	NA	NA
Quadro RTX 4000	15275	112	16.99	\$899.00*
RTX 2000 Ada Generation Laptop GPU	15249	113	NA	NA
RTX A4000 Laptop GPU	15217	114	NA	NA
Radeon RX 6600	15143	115	75.72	\$199.99
GeForce RTX 2080 (Mobile)	15107	116	NA	NA
Radeon RX 6650M	15004	117	NA	NA
Radeon RX 6700S	14996	118	49.99	\$299.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 610M Ryzen 9 7845HX	14990	119	NA	NA
Radeon RX 7600S	14899	120	NA	NA
Quadro RTX 5000 (Mobile)	14832	121	NA	NA
Radeon Pro W5700	14803	122	22.78	\$649.99*
GeForce GTX 1070 Ti	14687	123	25.77	\$569.99*
NVIDIA A40	14664	124	NA	NA
GeForce RTX 4050 Laptop GPU	14433	125	NA	NA
Radeon RX 5700	14392	126	46.43	\$309.99*
Radeon RX Vega 64	14245	127	18.99	\$749.99*
Radeon PRO W7600	14240	128	NA	NA
GeForce RTX 2060	14139	129	43.59	\$324.40
Radeon Pro Vega II Duo	14018	130	NA	NA
RTX A3000 12GB Laptop GPU	14002	131	NA	NA
Radeon PRO W7500	13998	132	NA	NA
RTX 1000 Ada Generation Laptop GPU	13958	133	NA	NA
Radeon RX 6600M	13856	134	69.29	\$199.99*
RadeonT RX 6850M XT	13847	135	NA	NA
GeForce GTX 980 Ti	13797	136	21.40	\$644.61*
GeForce RTX 2080 Super with Max-Q Design	13755	137	NA	NA
RTX A2000 12GB	13695	138	NA	NA
NVIDIA TITAN X	13659	139	22.46	\$608.10*
GeForce RTX 2070 Super with Max-Q Design	13657	140	NA	NA
RTX A2000	13656	141	31.44	\$434.33*
Radeon RX 6700M	13589	142	50.33	\$269.99*
Radeon RX 5600 XT	13568	143	24.90	\$545.00*
GeForce GTX 1070	13508	144	25.49	\$529.99*
Radeon Pro Vega 64X	13369	145	NA	NA
GeForce RTX 3060 Laptop GPU	13321	146	42.98	\$309.99*
Radeon RX 6800M	13306	147	NA	NA
Radeon RX 7600M XT	13286	148	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 8200	13224	149	8.27	\$1,599.39*
Quadro RTX 5000 with Max-Q Design	13185	150	NA	NA
Radeon RX Vega 56	13174	151	17.50	\$752.99*
Intel Arc A770	13121	152	43.74	\$299.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon PRO W6600X	13113	153	NA	NA
Radeon Vega Frontier Edition	13026	154	7.75	\$1,679.99*
GeForce RTX 2080 with Max-Q Design	12987	155	6.18	\$2,099.99*
GeForce GTX TITAN X	12946	156	11.80	\$1,096.99*
Radeon Pro Vega 64	12920	157	NA	NA
GeForce GTX 1660 Ti	12904	158	41.93	\$307.79
Radeon Pro VII	12890	159	NA	NA
GeForce RTX 3050 8GB	12753	160	60.73	\$209.99
GeForce GTX 1660 SUPER	12738	161	53.20	\$239.47
Tesla T10	12650	162	NA	NA
Quadro P5000	12609	163	6.75	\$1,868.99*
Radeon Pro 5700 XT	12570	164	NA	NA
Quadro P5200 with Max-Q Design	12568	165	NA	NA
RTX A3000 Laptop GPU	12513	166	NA	NA
Quadro RTX 4000 with Max-Q Design	12503	167	NA	NA
Radeon RX 6600S	12444	168	NA	NA
GeForce RTX 2070 (Mobile)	12354	169	NA	NA
Radeon Pro Vega 56	12353	170	NA	NA
Radeon Pro WX 9100	12345	171	NA	NA
Tesla V100-PCIE-16GB	12328	172	NA	NA
Radeon RX 5600 OEM	12280	173	NA	NA
Radeon RX 6850M	12274	174	NA	NA
Radeon Pro V520 MxGPU	12257	175	NA	NA
Quadro RTX 4000 (Mobile)	12237	176	NA	NA
Intel Arc A750	12167	177	60.84	\$199.99
Quadro P5200	12077	178	NA	NA
Tesla P40	12030	179	NA	NA
GeForce RTX 3050 OEM	11958	180	36.55	\$327.15
Intel Arc A580	11875	181	69.86	\$169.99*
Quadro M6000 24GB	11871	182	NA	NA
Intel Arc A770M	11859	183	NA	NA
Radeon Pro 5700	11844	184	NA	NA
Quadro M6000	11770	185	2.39	\$4,914.90*
GeForce GTX 1660	11664	186	34.32	\$339.90*
Quadro P4000	11612	187	20.88	\$556.19*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070 with Max-Q Design	11607	188	NA	NA
Quadro P4200 with Max-Q Design	11544	189	NA	NA
Radeon RX 5600	11524	190	NA	NA
GeForce GTX 1080 with Max-Q Design	11451	191	NA	NA
RTX A1000 Embedded GPU	11368	192	NA	NA
GeForce RTX 2060 (Mobile)	11354	193	NA	NA
Radeon Pro Vega 48	11299	194	NA	NA
GeForce RTX 3050 A Laptop GPU	11210	195	NA	NA
GeForce GTX 980	11108	196	44.91	\$247.35*
Quadro RTX 3000	11043	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX 500 Ada Generation Laptop GPU	11006	198	NA	NA
Radeon Pro SSG	10971	199	4.55	\$2,410.15*
A10-12Q	10955	200	NA	NA
RTX A4500 Embedded GPU	10916	201	NA	NA
RTX A2000 8GB Laptop GPU	10886	202	NA	NA
RTX A1000	10835	203	NA	NA
Tesla T4	10744	204	2.43	\$4,420.46*
GeForce RTX 3050 6GB	10675	205	62.80	\$169.99
Quadro P4200	10543	206	NA	NA
Intel Arc A730M	10487	207	NA	NA
GeForce GTX 1070 (Mobile)	10465	208	NA	NA
Tesla M40	10448	209	17.41	\$600.00*
Tesla M40 24GB	10417	210	NA	NA
SuperDisplay Virtual Adapter	10390	211	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10298	212	NA	NA
GeForce GTX 1660 Ti (Mobile)	10166	213	NA	NA
GeForce GTX 1650 SUPER	10166	214	45.78	\$222.06*
GeForce RTX 3050 Ti Laptop GPU	10131	215	NA	NA
GeForce GTX 1060	10084	216	29.66	\$339.99
RTX A1000 6GB Laptop GPU	10051	217	NA	NA
GeForce GTX 1070 with Max-Q Design	9911	218	NA	NA
RTX A2000 Laptop GPU	9895	219	NA	NA
GRID P40-2B	9842	220	NA	NA
GeForce GTX 1060 3GB	9773	221	41.51	\$235.47*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2060 with Max-Q Design	9756	222	NA	NA
Radeon R9 Fury + Fury X	9741	223	21.65	\$449.99*
GeForce GTX 970	9634	224	40.48	\$237.99*
Radeon RX 6550M	9608	225	NA	NA
Radeon R9 Fury X	9576	226	NA	NA
Radeon RX 6500 XT	9565	227	56.27	\$169.99
Radeon R9 Fury	9558	228	21.57	\$443.10*
RTX A1000 Laptop GPU	9541	229	NA	NA
Radeon PRO W6600M	9521	230	NA	NA
GeForce GTX 780 Ti	9512	231	27.98	\$339.99*
GeForce RTX 3050 Laptop GPU	9468	232	35.07	\$269.99*
Radeon R9 390X	9406	233	NA	NA
Radeon RX 590	9389	234	17.07	\$549.99*
Quadro M5000	9380	235	18.80	\$499.00*
Quadro P2200	9342	236	20.32	\$459.80*
Intel Arc Pro A60	9300	237	NA	NA
Radeon Pro 5600M	9232	238	NA	NA
Radeon RX 5500 XT	9121	239	50.31	\$181.29*
Radeon Pro W5500	9112	240	22.23	\$409.99*
Quadro P4000 with Max-Q Design	9082	241	NA	NA
GeForce GTX 1060 5GB	9075	242	18.60	\$487.99*
Quadro P3200 with Max-Q Design	9066	243	NA	NA
Tesla P4	8963	244	NA	NA
GeForce GTX TITAN Black	8951	245	6.71	\$1,333.67
GeForce GTX TITAN Z	8904	246	5.88	\$1,515.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 390	8901	247	NA	NA
Radeon RX 580	8848	248	49.16	\$179.99*
Radeon RX 5600M	8795	249	NA	NA
Quadro P3200	8779	250	22.55	\$389.30*
Radeon RX 5500	8778	251	NA	NA
GRID P40-24Q	8719	252	NA	NA
Radeon RX590 GME	8605	253	NA	NA
Radeon RX 480	8604	254	25.31	\$339.99*
Radeon R9 290X	8599	255	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 1660 Ti with Max-Q Design	8590	256	NA	NA
Radeon R9 295X2	8573	257	17.18	\$499.10*
GRID RTX6000-1B	8473	258	NA	NA
Radeon R9 290X / 390X	8389	259	26.22	\$319.99*
Quadro RTX 3000 with Max-Q Design	8372	260	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	261	NA	NA
Radeon 890M	8329	262	NA	NA
CMP 40HX	8301	263	NA	NA
Radeon R9 290	8265	264	NA	NA
Radeon Pro 5500 XT	8231	265	NA	NA
GeForce GTX Titan	8220	266	11.03	\$745.00*
Radeon Pro Duo	8183	267	2.06	\$3,970.36*
GeForce GTX 1060 (Mobile)	8160	268	NA	NA
Radeon R9 290 / 390	8150	269	21.45	\$380.00*
CMP 30HX	8135	270	NA	NA
Radeon PRO W6400	8089	271	NA	NA
Quadro K6000	8033	272	38.13	\$210.66*
GeForce GTX 780	8009	273	28.61	\$279.99*
Ryzen 9 6900HS	8005	274	NA	NA
Radeon RX 470/570	7989	275	20.54	\$388.99*
Quadro M5500	7915	276	NA	NA
GeForce GTX 1650	7875	277	42.81	\$183.99
GeForce GTX 1060 with Max-Q Design	7844	278	NA	NA
Radeon Pro WX 7100	7823	279	7.46	\$1,047.99*
Radeon RX 6500M	7785	280	NA	NA
T1200 Laptop GPU	7770	281	NA	NA
Radeon Pro 580	7753	282	NA	NA
GeForce RTX 2050	7724	283	NA	NA
Radeon 880M	7717	284	NA	NA
Radeon RX 6500	7704	285	NA	NA
Radeon RX 580 2048SP	7674	286	NA	NA
Radeon RX 780	7657	287	NA	NA
T1000	7634	288	25.12	\$303.99*
Radeon RX 6400	7634	289	48.01	\$159.00
T1000 8GB	7624	290	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5300	7587	291	NA	NA
FirePro W9100	7580	292	4.38	\$1,729.99*
Tesla M60	7551	293	9.58	\$787.90*
Radeon Pro 580X	7540	294	NA	NA
GeForce GTX 1650 Ti	7536	295	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P40-8Q	7432	296	NA	NA
Ryzen 9 4900HS with Radeon Graphics	7418	297	NA	NA
GeForce GTX 980M	7353	298	25.36	\$289.99*
Radeon Pro W5500X	7350	299	NA	NA
FirePro W8100	7332	300	10.42	\$704.00*
Tesla P100-PCIE-16GB	7225	301	1.27	\$5,699.00*
Quadro T2000	7215	302	13.66	\$528.35*
Radeon Pro 5300	7143	303	NA	NA
RadeonT 780M	7100	304	NA	NA
T600 Laptop GPU	7051	305	NA	NA
A10-8Q	7041	306	NA	NA
Radeon 780M	7036	307	NA	NA
Quadro M5000M	7014	308	12.83	\$546.92*
Radeon Ryzen 9 6900HS	6983	309	NA	NA
Intel Arc A530M	6979	310	NA	NA
GeForce GTX 1650 (Mobile)	6968	311	NA	NA
AMD Ryzen Z1 Extreme	6936	312	NA	NA
Quadro P2000	6935	313	15.78	\$439.60*
Intel Arc 140T GPU	6930	314	NA	NA
Quadro T2000 with Max-Q Design	6893	315	NA	NA
GRID P4-4Q	6843	316	NA	NA
GeForce RTX 3050 4GB Laptop GPU	6836	317	NA	NA
Radeon Pro 5500M	6781	318	NA	NA
RTX A500 Laptop GPU	6760	319	NA	NA
GRID P4-8Q	6733	320	NA	NA
Quadro T1000 with Max-Q Design	6718	321	NA	NA
Radeon Pro WX 7130	6715	322	NA	NA
GeForce GTX 970XM FORCE	6706	323	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6677	324	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M4000	6674	325	18.44	\$362.00*
Radeon RX Vega M GH	6572	326	NA	NA
P106-100	6541	327	NA	NA
Quadro P3000	6486	328	NA	NA
T600	6480	329	27.00	\$239.99*
Quadro T1000	6460	330	17.46	\$369.99*
Radeon RX 580X	6458	331	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6446	332	NA	NA
Radeon RX 6300M	6398	333	NA	NA
Radeon Pro 570	6336	334	NA	NA
GeForce GTX 1050 Ti	6320	335	13.29	\$475.64
Intel Arc A380	6217	336	51.81	\$119.99
GeForce GTX 1650 with Max-Q Design	6190	337	NA	NA
Radeon R9 380X	6180	338	17.66	\$349.99*
Tesla M6	6171	339	31.01	\$199.00*
Radeon R9 280X	6160	340	NA	NA
Quadro M4000M	6148	341	24.12	\$254.91*
FirePro W9000	6138	342	7.26	\$845.00*
GeForce MX570 A	6131	343	NA	NA
Radeon R9 380	6113	344	67.94	\$89.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 6800HS	6104	345	NA	NA
Quadro K5200	6099	346	14.70	\$415.00*
Ryzen 9 6900HS with Radeon Graphics	6097	347	NA	NA
GeForce GTX 960	6093	348	35.43	\$172.00*
Radeon Ryzen 9 PRO 6950H	6007	349	NA	NA
Radeon Pro 5300M	5989	350	NA	NA
GRID P100-16Q	5944	351	NA	NA
Radeon Ryzen 7 6810U	5937	352	NA	NA
Radeon Ryzen 7 7736U	5928	353	NA	NA
GeForce GTX 1050 Ti (Mobile)	5918	354	NA	NA
GeForce GTX 770	5918	355	23.77	\$249.00*
Tesla K80	5852	356	9.85	\$593.95*
Matrox LUMA A380P	5805	357	NA	NA
Ryzen 9 PRO 6950H	5758	358	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX570	5729	359	NA	NA
Intel Arc Pro	5713	360	NA	NA
Radeon 760M	5713	361	NA	NA
GeForce GTX 970M	5711	362	27.20	\$209.99*
Radeon PRO Ryzen 7 PRO 6850U	5710	363	NA	NA
Radeon Ryzen 7 PRO 6850H	5684	364	NA	NA
Parsec Virtual Display Adapter	5681	365	NA	NA
GRID T4-8Q	5680	366	NA	NA
Radeon TM	5666	367	NA	NA
RadeonT 680M Ryzen 7 7735HS	5650	368	NA	NA
Quadro M3000M	5637	369	35.25	\$159.95*
Ryzen 9 5900HS with Radeon Graphics	5623	370	NA	NA
Radeon RX 6300	5607	371	NA	NA
Radeon RX 5500M	5603	372	NA	NA
Ryzen 7 PRO 6850U	5580	373	NA	NA
GeForce GTX 680	5574	374	13.97	\$399.00*
Radeon HD 7990	5565	375	13.91	\$399.99*
Radeon R9 280	5559	376	NA	NA
Radeon PRO W6300	5559	377	NA	NA
Radeon Pro WX 5100	5558	378	15.44	\$359.99*
Radeon R9 285 / 380	5549	379	11.44	\$485.00*
GRID M60-8A	5523	380	NA	NA
GeForce GTX 690	5515	381	19.63	\$280.99*
Radeon Eng Sample: 100-000000534-40_Y	5511	382	NA	NA
Intel Arc A310	5509	383	55.10	\$99.99*
Meta Virtual Monitor	5506	384	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5432	385	NA	NA
Radeon 680M Ryzen 7 7735HS	5432	386	NA	NA
GeForce GTX 760 Ti OEM	5427	387	NA	NA
Radeon Ryzen 7 6800H	5396	388	NA	NA
Ryzen 7 6800HS Creator Edition	5382	389	NA	NA
GRID P40-4Q	5364	390	NA	NA
Intel Arc	5363	391	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5343	392	NA	NA
GeForce GTX 950	5337	393	37.59	\$141.99*

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 GTX 670	5327	394	27.46	\$193.98*
Ryzen 9 6900HX with Radeon Graphics	5312	395	NA	NA
GeForce GTX 760 Ti	5295	396	17.80	\$297.50*
RTX A400	5280	397	NA	NA
Quadro P2000 with Max-Q Design	5280	398	NA	NA
Intel Arc 140T	5262	399	NA	NA
FirePro W7100	5251	400	13.49	\$389.30*
Radeon HD 7970 / R9 280X	5247	401	21.25	\$246.99*
Ryzen 7 6800H	5247	402	NA	NA
Radeon 860M	5245	403	NA	NA
Radeon Ryzen 7 7735H	5238	404	NA	NA
Ryzen 7 6800HS	5237	405	NA	NA
A16	5235	406	NA	NA
Radeon Ryzen 7 7735HS	5218	407	NA	NA
Ryzen 7 7735U with Radeon Graphics	5215	408	NA	NA
Radeon HD 8990	5214	409	NA	NA
GRID M60-2Q	5203	410	NA	NA
Radeon R9 M395X	5194	411	NA	NA
Q12U-1	5164	412	NA	NA
Radeon Ryzen 9 6900HS Creator Edition	5155	413	NA	NA
Radeon R9 M295X	5150	414	3.55	\$1,449.00*
Intel Arc 140V GPU	5143	415	NA	NA
Radeon Ryzen 7 PRO 6850U	5137	416	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5127	417	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5115	418	NA	NA
Intel Arc A370M	5115	419	NA	NA
Radeon Ryzen 7 PRO 6850HS	5089	420	NA	NA
GeForce GTX 1050 3GB	5089	421	NA	NA
Ryzen 7 PRO 6860Z	5076	422	NA	NA
FirePro S9000	5059	423	NA	NA
Radeon Ryzen 7 7735U	5054	424	NA	NA
EIZO Quadro MED-XN51LP	5048	425	NA	NA
GeForce GTX 1050	5031	426	21.05	\$239.00*
Radeon Pro Vega 20	5019	427	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 6800U	5006	428	NA	NA
GeForce GTX 1630	4993	429	26.28	\$189.99*
Radeon Instinct MI25 MxGPU	4978	430	NA	NA
L4-4Q	4945	431	NA	NA
Barco MXRT 7600	4943	432	8.20	\$602.59*
Radeon R9 M395	4911	433	NA	NA
FirePro S9050	4901	434	NA	NA
Radeon R9 270X	4876	435	14.94	\$326.50*
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	436	NA	NA
Radeon Eng Sample: 100-000000560-40_Y	4849	437	NA	NA
Radeon RX 5300M	4847	438	NA	NA
GRID P40-2Q	4843	439	NA	NA
Ryzen 7 6800U with Radeon Graphics	4829	440	NA	NA
T550 Laptop GPU	4815	441	NA	NA
Radeon Pro Vega 16	4809	442	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 6800H with Radeon Graphics	4801	443	NA	NA
GeForce GTX 760	4796	444	32.19	\$149.00*
Intel Arc A310 LP	4795	445	NA	NA
GRID RTX6000P-6Q	4777	446	NA	NA
Radeon Pro WX Vega M GL	4768	447	NA	NA
FirePro S10000	4768	448	NA	NA
L4-24Q	4767	449	NA	NA
Radeon HD 7950 / R9 280	4764	450	19.78	\$240.83*
Radeon R9 370	4722	451	29.51	\$159.99*
Radeon Sky 500	4709	452	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	453	NA	NA
Radeon HD 7870	4621	454	26.26	\$176.00*
GeForce GTX 580	4613	455	9.44	\$488.59*
Radeon Ryzen 7 PRO 6860Z	4594	456	NA	NA
Radeon Ryzen 7 6800U	4588	457	NA	NA
B8DKMDAP	4557	458	NA	NA
Radeon Pro 465	4537	459	NA	NA
FirePro S7000	4523	460	18.35	\$246.54*
GeForce MX550	4520	461	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 370	4502	462	NA	NA
Tesla K40c	4494	463	NA	NA
Quadro P1000	4474	464	15.43	\$289.99*
Radeon HD 7870 XT	4469	465	NA	NA
Intel Arc 130V GPU	4464	466	NA	NA
GeForce GTX 1050 (Mobile)	4461	467	NA	NA
GRID M60-1B	4456	468	NA	NA
Tesla K20m	4432	469	NA	NA
GRID P6-4Q	4429	470	NA	NA
GeForce GTX 660 Ti	4420	471	30.70	\$144.00*
FirePro W7000 Adapter	4359	472	NA	NA
GRID GTX P40-6	4340	473	NA	NA
Quadro K4200	4327	474	17.38	\$249.00*
Radeon R9 270	4306	475	NA	NA
Radeon R9 270 / R7 370	4259	476	19.98	\$213.16*
FirePro W7000	4252	477	15.30	\$278.05*
Radeon Ryzen 9 PRO 6950HS	4250	478	NA	NA
Quadro M2200	4245	479	16.98	\$249.99*
NVIDIA A40-8Q	4220	480	NA	NA
A16-4Q	4165	481	NA	NA
GRID V100D-8Q	4155	482	NA	NA
FirePro W8000	4148	483	7.24	\$573.00*
Radeon Eng Sample: 100-000000561-40_Y	4141	484	NA	NA
GeForce GTX 680MX	4138	485	NA	NA
GeForce GTX 480	4108	486	24.17	\$169.99*
Radeon RX 460	4102	487	24.59	\$166.81*
Radeon PRO Ryzen 5 PRO 6650U	4066	488	NA	NA
GeForce GTX 1050 with Max-Q Design	4059	489	NA	NA
RadeonT 660M Ryzen 5 7535HS	4051	490	NA	NA
Radeon HD 7800-serie	4029	491	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 660	4009	492	23.88	\$167.95*
Quadro K5000	3995	493	16.05	\$249.00*
Quadro M2000	3989	494	15.10	\$264.24*
Radeon Ryzen 7 Pro 7735U	3986	495	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P6-2Q	3925	496	NA	NA
Video Card ▼				
GeForce GTX 570	3924	497	26.17	\$149.99*
GeForce GTX 750 Ti	3899	498	44.26	\$88.11*
GRID M60-8Q	3883	499	NA	NA
Radeon HD 8970M	3876	500	27.69	\$139.99*
Matrox LUMA A310F	3873	501	NA	NA
Radeon RX Vega M GL	3871	502	NA	NA
Radeon HD 7850	3869	503	23.33	\$165.86
GRID M60-4Q	3831	504	NA	NA
GeForce GTX 880M	3829	505	NA	NA
GeForce GTX 780M	3811	506	7.64	\$499.00*
GeForce GTX 965M	3805	507	NA	NA
T400 4GB	3778	508	NA	NA
FirePro S7150	3770	509	2.22	\$1,697.99*
Radeon Ryzen 5 6600HS Creator Edition	3768	510	NA	NA
Barco MXRT 7500	3753	511	12.55	\$299.00*
GeForce MX450	3742	512	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	513	NA	NA
Radeon Ryzen 9 7950X 16-Core	3736	514	NA	NA
GRID M60-1Q	3694	515	NA	NA
Radeon Ryzen 5 PRO 6650U	3694	516	NA	NA
Matrox LUMA A310	3690	517	NA	NA
Radeon Pro 560X	3677	518	NA	NA
Ryzen 5 6600HS Creator Edition	3671	519	NA	NA
T500	3661	520	NA	NA
Radeon R9 M485X	3660	521	NA	NA
Radeon RX 560	3648	522	19.93	\$183.03
Quadro P620	3647	523	6.35	\$574.55*
Radeon Pro WX 4100	3642	524	7.29	\$499.99*
GeForce GTX 775M	3634	525	NA	NA
Radeon Ryzen 5 6600H	3630	526	NA	NA
P104-100	3628	527	12.09	\$299.99*
T400	3622	528	22.64	\$159.99
Radeon R9 M390X	3597	529	NA	NA
GeForce GTX 680M KY_Bullet Edition	3568	530	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7970M	3568	531	NA	NA
Video Card ▼				
GRID M6-8Q	3568	532	NA	NA
Quadro K2200	3562	533	13.28	\$268.30*
Radeon Ryzen 7 4800HS	3554	534	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	535	NA	NA
Ryzen 5 6600H with Radeon Graphics	3525	536	NA	NA
Ryzen 5 PRO 6650U	3519	537	NA	NA
GRID K520	3516	538	23.44	\$149.99*
Ryzen 5 PRO 6650U with Radeon Graphics	3515	539	NA	NA
Quadro 7000	3505	540	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Eng Sample: 100-000000261-50_Y	3490	541	NA	NA
Radeon Pro 560	3475	542	NA	NA
Radeon Pro W5500M	3469	543	NA	NA
GeForce GTX 960A	3464	544	NA	NA
GeForce GTX 870M	3462	545	NA	NA
Quadro K2200M	3456	546	27.66	\$124.95*
Radeon Pro 460	3452	547	NA	NA
GRID T4-2Q	3450	548	NA	NA
Quadro M2000M	3447	549	16.17	\$213.16*
Tesla C2050 / C2070	3428	550	NA	NA
Radeon Ryzen 7 4800H	3427	551	NA	NA
NVIDIA A10-4Q	3424	552	NA	NA
Radeon Ryzen 5 6600U	3381	553	NA	NA
NVIDIA A40-12Q	3370	554	NA	NA
GeForce GTX 960M	3370	555	2.88	\$1,169.00*
Radeon HD8970M	3368	556	NA	NA
Radeon E8870PCIe	3368	557	NA	NA
GeForce GTX 650 Ti BOOST	3361	558	NA	NA
GRID M10-1Q	3351	559	NA	NA
GeForce GTX 750	3341	560	25.07	\$133.28
GeForce GTX 590	3341	561	7.68	\$435.00*
A40-24Q	3317	562	NA	NA
Quadro P600	3312	563	15.73	\$210.58*
GRID T4-1Q	3302	564	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M290X	3282	565	NA	NA
Video Card ▼				
GRID P100-8Q	3267	566	NA	NA
Radeon Ryzen 5 7535U	3267	567	NA	NA
GRID T4-4Q	3260	568	NA	NA
GeForce GTX 680M	3251	569	23.91	\$135.99*
Radeon Ryzen 5 7535HS	3250	570	NA	NA
Quadro M1200	3247	571	NA	NA
GeForce 770M	3245	572	18.34	\$176.99*
Snapdragon X Elite - X1E001DE - Qualcomm Adreno GP	3245	573	NA	NA
Radeon R9 M470X	3244	574	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	575	NA	NA
Intel Graphics	3227	576	NA	NA
Custom GPU 0932	3223	577	NA	NA
Radeon Ryzen 5 Pro 7535U	3221	578	NA	NA
GRID P4-8A	3206	579	NA	NA
Quadro K5100M	3205	580	2.89	\$1,108.84*
Radeon 660M Ryzen 5 7535HS	3196	581	NA	NA
Radeon R7 260X	3196	582	22.83	\$139.99*
Radeon 740M	3182	583	NA	NA
Radeon R9 260	3181	584	NA	NA
Tesla C2050	3175	585	11.76	\$269.99*
Tesla M10	3171	586	1.18	\$2,695.00*
Radeon RX 560X	3168	587	NA	NA
FirePro V7000	3161	588	NA	NA
FirePro W7170M	3161	589	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla K40m	3143	590	NA	NA
Radeon Pro 555	3140	591	2.99	\$1,049.00*
Radeon R7 360	3124	592	21.40	\$145.99*
Tesla C2070	3120	593	5.17	\$604.00*
Radeon Pro 455	3112	594	6.93	\$449.00*
GeForce GTX 470	3105	595	51.77	\$59.99*
Radeon HD 7790	3090	596	22.07	\$139.99*
GeForce GTX 560 Ti	3062	597	23.56	\$129.99*
GeForce GTX 860M	3042	598	26.69	\$114.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 360	3031	599	22.64	\$133.89*
Video Card ▼				
Tesla C2075	3016	600	4.67	\$646.00*
Radeon HD 6990	3013	601	6.05	\$498.49*
GRID T4-1B	3009	602	NA	NA
FirePro W5100	2989	603	23.73	\$125.99*
FirePro W5000	2988	604	16.24	\$184.00*
Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP	2981	605	NA	NA
Radeon Ryzen 7 PRO 5800H	2980	606	NA	NA
GRID M10-4Q	2976	607	NA	NA
Radeon Ryzen 9 5900H	2960	608	NA	NA
GRID K260Q	2949	609	NA	NA
Quadro K1200	2945	610	10.32	\$285.29*
Tesla K20Xm	2917	611	0.38	\$7,699.00*
Ryzen 7 5800HS with Radeon Graphics	2917	612	NA	NA
Ryzen 9 5900HX with Radeon Graphics	2910	613	NA	NA
Radeon R7 260	2891	614	32.13	\$89.99*
FirePro M6100 FireGL V	2875	615	NA	NA
Custom GPU 0405	2871	616	NA	NA
Eng Sample: 100-000000261-50_Y	2859	617	NA	NA
Radeon Pro V340 MxGPU	2853	618	NA	NA
Quadro M1000M	2845	619	33.09	\$85.99*
GRID K280Q	2839	620	NA	NA
Radeon HD 6970	2836	621	18.91	\$149.99*
Radeon Ryzen 7 5800H	2822	622	NA	NA
FirePro W4300	2814	623	11.73	\$239.99*
GeForce MX350	2813	624	NA	NA
FirePro 3D V9800	2811	625	1.13	\$2,499.00*
Quadro K5000M	2806	626	5.51	\$508.91*
Quadro M620	2800	627	NA	NA
GeForce GTX 770M	2794	628	20.25	\$138.00*
Radeon HD 8950	2793	629	NA	NA
Ryzen 7 5700G with Radeon Graphics	2790	630	NA	NA
Qualcomm Adreno X1-85 GPU	2784	631	NA	NA
Radeon R9 M380	2773	632	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2762	633	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 560	2758	634	13.46	\$205.00*
Video Card ▼				
Quadro K4100M	2755	635	10.55	\$261.29*
Ryzen 7 5800H with Radeon Graphics	2740	636	NA	NA
GRID K2	2736	637	2.05	\$1,331.97*
FirePro V9800	2726	638	5.75	\$474.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 550	2724	639	15.54	\$175.33
Radeon Pro 450	2722	640	NA	NA
Quadro K4000	2722	641	10.08	\$270.00*
Radeon Eng Sample: 100-000000300-30_Y	2717	642	NA	NA
GeForce GTX 675MX	2716	643	NA	NA
Barco MXRT 5500	2701	644	9.04	\$299.00*
GRID M10-2Q	2691	645	NA	NA
Intel Iris Xe	2687	646	NA	NA
Quadro 6000	2685	647	0.66	\$4,092.38*
Ryzen 7 Pro 4750G with Radeon Graphics	2681	648	NA	NA
Radeon Eng Sample: 100-000000300-40_Y	2670	649	NA	NA
Radeon Pro WX 4150	2658	650	4.36	\$610.04*
GeForce GTX 465	2650	651	13.59	\$195.00*
Radeon 660M	2647	652	NA	NA
FirePro R5000	2646	653	24.06	\$109.99*
MONSTER GeForce GTX 675M	2637	654	NA	NA
Radeon Ryzen 7 4700G	2611	655	NA	NA
Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP	2610	656	NA	NA
Radeon Ryzen 9 4900H	2608	657	NA	NA
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU	2604	658	NA	NA
Radeon HD 6950	2602	659	18.59	\$139.99*
Ryzen 5 5600GE with Radeon Graphics	2601	660	NA	NA
GRID T4-2B	2601	661	NA	NA
Radeon Ryzen 7 4700GE	2595	662	NA	NA
Radeon Eng Sample: 100-000000371-40_42/18_Y	2590	663	NA	NA
Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP	2587	664	NA	NA
Radeon Ryzen 5 5600GE	2584	665	NA	NA
Ryzen 5 5600G with Radeon Graphics	2582	666	NA	NA
GeForce GTX 950M	2579	667	4.55	\$567.00*

[Radeon Ryzen 7 PRO 4750G](#)**Video Card** ▼[Radeon Pro WX 3100](#)[GeForce GTX 950A](#)[Radeon Ryzen 9 7900X 12-Core](#)[Ryzen 7 PRO 4750GE with Radeon Graphics](#)[Ryzen 7 PRO 7730U with Radeon Graphics](#)[Radeon Ryzen 5 5600GT](#)[GRID K240Q](#)[Radeon HD 6850 X2](#)[Radeon Ryzen 5 5500GT](#)[FireStream 9370](#)[GeForce GTX 650 Ti](#)[N18E-Q1](#)[Ryzen 7 PRO 5750GE with Radeon Graphics](#)[GeForce GTX 850M](#)[Radeon Ryzen 7 5800HS](#)[Ryzen 5 PRO 5650G with Radeon Graphics](#)[Ryzen 7 4700GE with Radeon Graphics](#)[Ryzen 7 7730U with Radeon Graphics](#)[Radeon Ryzen 7 7730U](#)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Barco MXRT 5600	2465	688	3.50	\$704.00*
GeForce GT 1030	2453	689	22.72	\$107.99
P106-090	2447	690	NA	NA
FirePro 3D V8800	2437	691	5.74	\$424.99*
Ryzen 5 PRO 5650GE with Radeon Graphics	2435	692	NA	NA
GeForce MX330	2429	693	NA	NA
Radeon Eng Sample: 100-000000262-30_Y	2415	694	NA	NA
Radeon Pro WX 3200	2414	695	11.41	\$211.71*
Radeon Ryzen 5 5600H	2413	696	NA	NA
Radeon Ryzen 7 5800U	2409	697	NA	NA
Radeon Pro	2407	698	5.61	\$429.00
Ryzen 7 PRO 5750G with Radeon Graphics	2405	699	NA	NA
Radeon Ryzen 7 5825U	2404	700	NA	NA
Radeon RX Vega 11 PRD	2401	701	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX250	2401	702	NA	NA
Video Card ▼				
Ryzen 5 Pro 4650G with Radeon Graphics	2399	703	NA	NA
Radeon Ryzen 7 PRO 4750GE	2382	704	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	705	NA	NA
Radeon Ryzen 5 PRO 5650GE	2370	706	NA	NA
GRID M10-2B	2363	707	NA	NA
Ryzen 7 5800U with Radeon Graphics	2361	708	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	709	NA	NA
GeForce GTX 485M	2359	710	NA	NA
Ryzen 5 4600G with Radeon Graphics	2359	711	NA	NA
FirePro W6150M	2358	712	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2352	713	NA	NA
Radeon Ryzen 7 PRO 7730U	2344	714	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	715	NA	NA
Ryzen 7 5825U with Radeon Graphics	2342	716	NA	NA
Ryzen 5 5600H with Radeon Graphics	2336	717	NA	NA
Radeon R9 M470	2330	718	NA	NA
Radeon RX Vega Ryzen 3 5300U	2329	719	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2325	720	NA	NA
Radeon RX 550X	2323	721	NA	NA
Radeon Ryzen 7 4800U	2314	722	NA	NA
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	723	NA	NA
GRID M10-1B	2309	724	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	725	NA	NA
Radeon Ryzen 7 5700U	2305	726	NA	NA
FirePro V7900	2304	727	12.13	\$190.00*
Radeon Ryzen 5 PRO 5650G	2301	728	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2292	729	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2286	730	NA	NA
FirePro V8800	2280	731	11.52	\$198.00*
Radeon Ryzen 7 Microsoft Surface Edition	2276	732	NA	NA
Radeon Pro WX 4130	2271	733	NA	NA
Radeon HD 6970M	2270	734	10.51	\$215.99*
GeForce MX150	2269	735	38.29	\$59.29*
Ryzen 5 7530U with Radeon Graphics	2269	736	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 250X	2268	737	11.70	\$194.00*
Quadro K3100M	2267	738	5.67	\$399.95*
Radeon Eng Sample: 100-000000285-40_Y	2267	739	NA	NA
GeForce GTX 460	2265	740	25.18	\$89.99*
Intel HD 5600	2263	741	NA	NA
Radeon HD 5970	2263	742	3.14	\$721.20*
Ryzen 7 5700U with Radeon Graphics	2246	743	NA	NA
Ryzen 7 Extreme Edition	2239	744	NA	NA
Radeon Ryzen 5 7530U	2238	745	NA	NA
Intel Iris Pro P580	2231	746	NA	NA
Quadro K620	2230	747	1.10	\$2,029.99*
GRID P100-1B	2223	748	NA	NA
Radeon HD 5870	2215	749	5.15	\$429.99
Radeon HD 6870	2213	750	7.83	\$282.64
Radeon Ryzen 5 7430U	2202	751	NA	NA
FirePro M6100	2194	752	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	753	NA	NA
Ryzen 5 5600U with Radeon Graphics	2178	754	NA	NA
Ryzen 5 4600H with Radeon Graphics	2175	755	NA	NA
Radeon HD 7770	2174	756	7.25	\$300.00*
Radeon RX Vega 11 Ryzen 5 3400G	2173	757	NA	NA
Quadro M600M	2171	758	8.62	\$251.99*
GRID P4-1B	2151	759	NA	NA
Radeon Ryzen 3 7335U	2147	760	NA	NA
Radeon Ryzen 5 5625U	2144	761	NA	NA
Intel UHD Graphics P630	2140	762	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2140	763	NA	NA
GeForce GTX 745	2137	764	7.50	\$284.95*
Radeon Ryzen 9 7900 12-Core	2133	765	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2119	766	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	767	NA	NA
Radeon Ryzen 5 5600U	2111	768	NA	NA
Radeon RX Vega 11	2109	769	2.11	\$1,002.00*
GeForce 945M	2108	770	NA	NA

**Video Card** ▼

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 550	2103	771	23.37	\$89.99
FirePro M5100	2102	772	NA	NA
Intel G35 Express	2097	773	NA	NA
Quadro P520	2081	774	1.39	\$1,499.00*
Radeon Ryzen 5 5500U	2079	775	NA	NA
GeForce GTX 580M	2074	776	8.34	\$248.68*
Ryzen 5 5560U with Radeon Graphics	2073	777	NA	NA
Radeon RX 640	2071	778	NA	NA
GRID M6-1Q	2069	779	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	780	NA	NA
Radeon Ryzen 7 7700X 8-Core	2067	781	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2066	782	NA	NA
Radeon R9 M385	2060	783	NA	NA
Radeon TM R9 A360	2060	784	NA	NA
Quadro 5000M	2059	785	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 5560U	2042	786	NA	NA
Radeon Ryzen 7 4700U	2041	787	NA	NA
Radeon Ryzen 7 PRO 4750U	2038	788	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2038	789	NA	NA
Radeon Ryzen 3 PRO 7335U	2034	790	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	791	NA	NA
Ryzen 3 4300G with Radeon Graphics	2032	792	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	793	NA	NA
FirePro V7800	2028	794	10.68	\$190.00*
Radeon Ryzen 7 PRO 5875U	2008	795	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	796	NA	NA
Ryzen 5 5600GT with Radeon Graphics	2006	797	NA	NA
GeForce GT 645	2005	798	NA	NA
GeForce GTX 765M	2004	799	10.76	\$186.30*
Radeon R9 350	2002	800	6.70	\$299.00*
Radeon Ryzen Embedded V2718	1998	801	NA	NA
Intel Iris Pro 580	1995	802	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1994	803	NA	NA
Radeon R9 M385X	1993	804	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 5500U with Radeon Graphics	1991	805	NA	NA
Video Card ▼				
Ryzen 5 5625U with Radeon Graphics	1989	806	NA	NA
GeForce GTX 460 SE	1986	807	12.42	\$159.99*
Ryzen 3 PRO 7330U with Radeon Graphics	1984	808	NA	NA
Radeon R7 + R7 350 Dual	1982	809	NA	NA
Intel Iris Xe MAX	1971	810	NA	NA
Radeon HD 5850	1970	811	6.82	\$288.99*
GeForce GTX 670MX	1970	812	NA	NA
Radeon HD 6850	1965	813	9.56	\$205.73
Radeon R7 + HD 7700 Dual	1962	814	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	815	NA	NA
Qualcomm Adreno 8cx Gen 3	1955	816	NA	NA
GeForce GTX 470M	1953	817	NA	NA
Quadro K4000M	1947	818	7.67	\$254.00*
Radeon Ryzen 5 7600X3D 6-Core	1940	819	NA	NA
Quadro 5000	1937	820	0.89	\$2,184.43
Ryzen 3 5300G with Radeon Graphics	1930	821	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1929	822	NA	NA
GeForce GTX 675M	1927	823	NA	NA
Intel Iris Xe MAX 100	1927	824	NA	NA
Radeon RX 570X	1923	825	12.57	\$153.01*
Radeon Ryzen 5 PRO 5675U	1921	826	NA	NA
Radeon HD 7560D + 7700 Dual	1919	827	NA	NA
Ryzen 3 5300GE with Radeon Graphics	1917	828	NA	NA
GeForce GTX 560 SE	1914	829	21.27	\$89.99*
Intel UHD Graphics 770	1910	830	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1908	831	NA	NA
Radeon R7 450	1907	832	6.38	\$299.00*
Radeon Vega 8 Ryzen 3 3200G	1904	833	NA	NA
Matrox C680 PCIe x16	1903	834	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7700-serie	1899	835	NA	NA
Ryzen 5 4600U with Radeon Graphics	1898	836	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1896	837	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1896	838	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + HD 7700 Dual	1892	839	NA	NA
Video Card ▼				
Citrix Indirect Display Adapter	1888	840	NA	NA
GeForce GTX 645	1886	841	NA	NA
Quadro M520	1881	842	NA	NA
Radeon RX 540	1876	843	NA	NA
Radeon RX 7500	1873	844	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1872	845	NA	NA
FirePro 3D V7800	1867	846	3.11	\$599.99*
Radeon RX Vega 11 Ryzen 5 3400GE	1866	847	NA	NA
GeForce GTX 460 v2	1865	848	9.33	\$199.99*
Radeon Ryzen Embedded R2544	1864	849	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1864	850	NA	NA
GeForce GTX 570M	1863	851	NA	NA
Radeon Eng Sample: 100-000000287-40_Y	1861	852	NA	NA
Radeon Ryzen 3 PRO 7330U	1854	853	NA	NA
GeForce 945A	1852	854	NA	NA
Radeon RX Vega 11 Processor	1848	855	NA	NA
Radeon Ryzen Embedded V2748	1842	856	NA	NA
Radeon Pro WX 2100	1841	857	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1840	858	NA	NA
FirePro M5100 FireGL V	1839	859	NA	NA
Radeon Vega 11	1838	860	NA	NA
GRID M60-0B	1838	861	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1835	862	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	863	NA	NA
GeForce MX130	1829	864	NA	NA
GeForce MX230	1829	865	NA	NA
FirePro M6000	1820	866	5.58	\$325.99*
Ryzen 5 4500U with Radeon Graphics	1816	867	NA	NA
Intel Iris Plus	1814	868	NA	NA
Radeon R9 M360	1813	869	NA	NA
Matrox C900 PCIe x16	1812	870	NA	NA
Firepro W5170M	1808	871	NA	NA
Radeon R9 M375X	1807	872	NA	NA
Radeon Ryzen 5 7600 6-Core	1803	873	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 5350GE with Radeon Graphics	1801	874	NA	NA
Video Card ▼				
Radeon HD 8870M / R9 M270X / M370X	1799	875	NA	NA
Radeon HD 8670D + 7700 Dual	1788	876	NA	NA
Embedded Radeon E9173	1787	877	NA	NA
Radeon R7 M465X	1780	878	NA	NA
Radeon Ryzen 3 PRO 5450U	1777	879	NA	NA
Radeon EPYC 4564P 16-Core	1767	880	NA	NA
GRID M10-8Q	1755	881	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1755	882	NA	NA
GeForce GTX 650	1751	883	12.18	\$143.80*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 670M	1750	884	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	885	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1744	886	NA	NA
Radeon Ryzen 5 3550H	1733	887	NA	NA
Radeon Ryzen 5 7600X 6-Core	1733	888	NA	NA
Radeon HD 5830	1732	889	6.69	\$258.99*
Intel Iris Plus 655	1732	890	NA	NA
Intel UHD Graphics 750	1730	891	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1725	892	NA	NA
GeForce GTX 760M	1724	893	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	894	NA	NA
Intel Iris Plus 645	1716	895	NA	NA
FirePro M6000 Mobility Pro	1712	896	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1711	897	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1702	898	NA	NA
Radeon HD 6900M	1701	899	NA	NA
Radeon Ryzen 7 7700 8-Core	1699	900	NA	NA
Radeon Ryzen 3 7330U	1693	901	NA	NA
GeForce GT 755M	1693	902	NA	NA
Quadro 5010M	1691	903	7.17	\$235.95*
Radeon HD 7750	1691	904	12.57	\$134.59
Radeon E8860	1686	905	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1679	906	NA	NA
FirePro W600	1671	907	4.03	\$414.99*

[Intel UHD Graphics P750](#)**Video Card** ▼[Radeon Vega 8 Ryzen 5 3550H](#)[Radeon R7 M380](#)[Ryzen 3 5425U with Radeon Graphics](#)[Radeon EPYC 4364P 8-Core](#)[Radeon EPYC 4584PX 16-Core](#)[PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3
Ryzen](#)[Radeon HD HD7850M](#)[Ryzen 3 7330U with Radeon Graphics](#)[Virtual Display Device](#)[Quadro P400](#)[Quadro K3000M](#)[PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7
Ryzen](#)[Radeon HD 8870M](#)[Radeon EPYC 4344P 8-Core](#)[Quadro P500](#)[Radeon RX Vega 10](#)[FirePro M4000 Mobility Pro](#)[Radeon Vega 10 Ryzen 7 PRO 3700U w/](#)[Radeon 610M Ryzen 9 7940HX](#)[RadeonT RX Vega 11](#)[Radeon Ryzen 7 PRO 7745 8-Core](#)[Radeon EPYC 4484PX 12-Core](#)[Qualcomm Adreno X1-45 GPU](#)[Ryzen 7 2700U with Radeon Vega](#)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 480M	1617	933	NA	NA
Radeon R9 M275X	1615	934	NA	NA
Radeon Ryzen 3 5300U	1615	935	NA	NA
Radeon EPYC 4124P 4-Core	1614	936	NA	NA
Radeon EPYC 4464P 12-Core	1613	937	NA	NA
Radeon RX Vega11	1605	938	NA	NA
Seria Radeon HD 7700	1603	939	NA	NA
Intel Iris Plus 650	1601	940	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	941	NA	NA
Video Card ▼				
Radeon HD 6790	1595	942	5.43	\$294.00*
FirePro M4000	1595	943	21.91	\$72.83*
Ryzen 3 5400U with Radeon Graphics	1593	944	NA	NA
Intel Iris Pro P6300	1592	945	NA	NA
Intel UHD Graphics 730	1591	946	NA	NA
Radeon Vega 9	1587	947	NA	NA
Quadro K2000D	1586	948	4.67	\$339.99*
Quadro K2000	1582	949	5.38	\$294.00*
Radeon Vega 8	1581	950	12.47	\$126.86*
Radeon 610M Ryzen 9 7945HX	1580	951	NA	NA
Radeon R9 M275X / M375	1574	952	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	953	NA	NA
GeForce GTX 555	1571	954	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1571	955	NA	NA
Radeon R9 M370X	1559	956	1.75	\$889.00*
Radeon Vega 10	1555	957	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	958	NA	NA
GeForce GTX 550 Ti	1554	959	15.55	\$99.99*
Radeon Ryzen 5 PRO 7645 6-Core	1552	960	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	961	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	962	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1541	963	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	964	NA	NA
FirePro V8700	1538	965	9.75	\$157.88*
Ryzen 3 PRO 4450U with Radeon Graphics	1536	966	NA	NA
Radeon HD 4890	1532	967	17.03	\$89.99*
Radeon Ryzen 3 5425U	1530	968	NA	NA
Ryzen 3 5300U with Radeon Graphics	1527	969	NA	NA
Radeon Ryzen Embedded V2516	1527	970	NA	NA
Radeon Vega 10 Mobile	1526	971	NA	NA
GeForce 845M	1524	972	NA	NA
Radeon Eng Sample: 100-000000375-40_39/21_Y	1520	973	NA	NA
FirePro W4100	1520	974	8.26	\$184.00*
GeForce 940MX	1516	975	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 10 Ryzen 7 3700U	1509	976	NA	NA
GeForce GTX 285	1509	977	12.58	\$119.99*
Radeon HD 7870M	1507	978	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	979	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1496	980	NA	NA
Radeon RX Vega 8	1493	981	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6670 + 7660D Dual	1492	982	NA	NA
Intel UHD Graphics	1489	983	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	984	NA	NA
Radeon R9 M365X	1481	985	NA	NA
GeForce GT 740	1477	986	6.23	\$236.99*
Quadro 4000	1476	987	2.98	\$495.00
Intel Iris Pro Graphics 6200	1471	988	NA	NA
Radeon R7 FX-9830P RADEON	1464	989	NA	NA
Radeon Ryzen 5 PRO 5655GE	1462	990	NA	NA
GeForce GTX 660M	1457	991	18.45	\$78.99*
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1456	992	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1453	993	NA	NA
Radeon Ryzen Embedded R2514	1444	994	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	995	NA	NA
Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	996	NA	NA
Radeon 540X	1437	997	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	998	NA	NA
Radeon 630	1434	999	NA	NA
Intel Iris 650	1432	1000	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	1001	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	1002	NA	NA
GeForce MX110	1430	1003	NA	NA
Intel Iris 550	1430	1004	NA	NA
Radeon HD 7560D + 7670 Dual	1426	1005	NA	NA
Radeon Vega 8 Mobile	1424	1006	NA	NA
Radeon EPYC 4244P 6-Core	1424	1007	NA	NA
Radeon R9 255	1420	1008	4.13	\$344.16*
Radeon R7 M370	1417	1009	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro W5130M	1409	1010	NA	NA
Radeon Pro WX 4170	1409	1011	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	1012	NA	NA
Radeon 550X	1398	1013	NA	NA
GeForce GTX 275	1384	1014	3.21	\$431.72*
Radeon 540	1383	1015	NA	NA
Radeon Ryzen 7 3700U	1381	1016	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	1017	NA	NA
Radeon HD 4870	1380	1018	9.20	\$149.99
Radeon Vega 8 Ryzen 5 3500U	1379	1019	NA	NA
Radeon HD 7850M	1372	1020	NA	NA
FirePro M40003	1364	1021	NA	NA
Radeon HD 8670D + 6670 Dual	1361	1022	NA	NA
Ryzen 3 4300U with Radeon Graphics	1361	1023	NA	NA
Quadro K2100M	1359	1024	3.27	\$415.99*
Intel Iris Plus 640	1355	1025	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	1026	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1345	1027	NA	NA
Radeon HD 5770	1342	1028	7.07	\$189.99*
FireStream 9270	1341	1029	NA	NA
GeForce GT 750M	1334	1030	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + HD 7600 Dual	1317	1031	NA	NA
GeForce GTS 450	1315	1032	9.80	\$134.23*
FirePro M5950	1314	1033	NA	NA
Radeon R7 PRO A8-8670E	1309	1034	NA	NA
Radeon HD 4870 X2	1309	1035	NA	NA
Tesla M2070-Q	1305	1036	NA	NA
Radeon HD 8790M	1305	1037	NA	NA
Radeon Vega 6	1304	1038	0.72	\$1,799.99*
TENSOR 1.0 Driver Intel HD 630	1299	1039	NA	NA
GeForce GTX 280	1285	1040	2.46	\$522.78*
GeForce 930MX	1282	1041	NA	NA
MxGPU	1282	1042	NA	NA
Radeon R7 A370	1281	1043	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 4000M	1278	1044	5.51	\$232.06*
FirePro 3D V8750	1271	1045	1.03	\$1,230.99*
Radeon Vega 6 Ryzen 3 3300U	1269	1046	NA	NA
GeForce 930A	1267	1047	NA	NA
GeForce GTX 560M	1266	1048	NA	NA
FirePro V5900	1264	1049	14.71	\$86.00*
Radeon HD 8570D + HD 6670 Dual	1260	1050	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	1051	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1256	1052	NA	NA
Intel Iris 540	1256	1053	NA	NA
Radeon HD 6770	1250	1054	4.72	\$264.99*
Quadro 2000 D	1239	1055	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1056	NA	NA
Intel UHD Graphics 630	1238	1057	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1058	NA	NA
GeForce GT 745A	1237	1059	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1060	NA	NA
Radeon R7 + R5 340 Dual	1234	1061	NA	NA
Radeon R7 + R7 250 Dual	1232	1062	NA	NA
FirePro 3D V5800	1231	1063	6.04	\$204.00*
GeForce GTX 760A	1226	1064	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	1065	NA	NA
Quadro FX 5800	1221	1066	4.46	\$274.00*
GeForce GTX 260	1217	1067	4.26	\$285.78*
GeForce GTX 460M	1213	1068	NA	NA
Radeon HD 8790M / R9 M290X	1210	1069	NA	NA
Radeon HD 7730	1207	1070	5.19	\$232.70*
FirePro 3D V8700	1206	1071	7.09	\$170.07*
GeForce GTX 295	1206	1072	7.54	\$159.99*
N16P-GX	1204	1073	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1074	NA	NA
Radeon R9 M270X	1204	1075	NA	NA
FirePro M4170	1202	1076	NA	NA
GeForce GT 650M	1201	1077	NA	NA
Intel HD P630	1199	1078	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7750M	1191	1079	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 +8G	1190	1080	NA	NA
NVS 810	1190	1081	1.90	\$624.99*
GeForce 830A	1187	1082	NA	NA
Intel Iris Pro 5200	1184	1083	NA	NA
GeForce GPU	1181	1084	NA	NA
GeForce GT 640	1176	1085	10.70	\$109.99*
FirePro V5800	1175	1086	22.18	\$53.00*
Radeon R7 Opteron X3421	1168	1087	NA	NA
Radeon R7 M350	1166	1088	NA	NA
Radeon HD 5750	1165	1089	9.04	\$128.99
Quadro K620M	1165	1090	NA	NA
FireStream 9250	1164	1091	NA	NA
Intel HD P530	1161	1092	NA	NA
Barco MXRT 5400	1161	1093	5.72	\$203.00*
Quadro M500M	1160	1094	NA	NA
Intel Coffee Lake UHD	1158	1095	NA	NA
Radeon R9 M265X	1155	1096	NA	NA
Firepro W4190M	1150	1097	NA	NA
Radeon HD 8850M / R9 M265X	1139	1098	NA	NA
Radeon Ryzen 5 3450U	1139	1099	NA	NA
Radeon R7 M465	1134	1100	NA	NA
Radeon HD 4850 X2	1132	1101	NA	NA
Radeon HD 7560D + 6670 Dual	1130	1102	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1103	NA	NA
GeForce 940M	1125	1104	NA	NA
GeForce 840A	1123	1105	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1106	NA	NA
Radeon R9 M275	1114	1107	1.59	\$699.99*
RadeonT 610M	1111	1108	NA	NA
Radeon 610M	1111	1109	NA	NA
Intel HD 630	1110	1110	NA	NA
GeForce 940A	1106	1111	NA	NA
GeForce GT 545	1104	1112	19.87	\$55.59*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-7870K	1102	1113	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1114	NA	NA
Quadro 2100M	1100	1115	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1116	NA	NA
GeForce 840M	1095	1117	NA	NA
GeForce GT 745M	1095	1118	NA	NA
Mobility Radeon HD 5870	1092	1119	NA	NA
GeForce GTX 850M - MODDED	1091	1120	NA	NA
Radeon R7 A12-9800 RADEON	1090	1121	NA	NA
Radeon Vega 3 Athlon Gold 3150G	1088	1122	NA	NA
Quadro K1100M	1088	1123	3.37	\$322.99*
Intel UHD Graphics 710	1083	1124	NA	NA
Radeon 625	1082	1125	NA	NA
MIRRORV3	1080	1126	NA	NA
Radeon R7 430	1079	1127	7.17	\$150.58*
Barco MXRT 5450	1079	1128	5.40	\$199.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 920MX	1077	1129	NA	NA
Radeon R7 + R7 200 Dual	1077	1130	NA	NA
Radeon 535	1076	1131	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1132	NA	NA
Radeon R7 M460	1064	1133	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1134	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1135	NA	NA
Firepro M4100	1059	1136	NA	NA
OPAL XT/GL	1053	1137	NA	NA
Radeon HD 7670A	1050	1138	NA	NA
GeForce GTX 850A	1049	1139	NA	NA
Qualcomm Adreno 690 GPU	1049	1140	NA	NA
Radeon R7 250	1048	1141	10.49	\$99.99*
FirePro W4170M	1046	1142	NA	NA
Radeon HD 6750	1046	1143	13.08	\$79.99*
Radeon R7 + R7 240 Dual	1045	1144	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1145	NA	NA
Intel UHD Graphics 620	1043	1146	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8570D + 6670 Dual	1039	1147	NA	NA
Radeon Vega 3 Mobile	1034	1148	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1149	NA	NA
Radeon HD 8600/8700M	1029	1150	NA	NA
Radeon R7 + R5 330 Dual	1028	1151	NA	NA
Radeon 530	1026	1152	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1153	NA	NA
Radeon HD 6700M	1016	1154	NA	NA
Radeon R7 A12-9730P RADEON	1014	1155	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1156	NA	NA
Radeon HD 8750M	1012	1157	NA	NA
GeForce 930M	1012	1158	NA	NA
Quadro K2000M	1010	1159	7.02	\$144.04*
Radeon HD 7690M XT	1009	1160	NA	NA
Glenfly Arise-GT-10C0	1007	1161	NA	NA
GeForce 830M	1006	1162	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1163	NA	NA
Radeon R7 340	1000	1164	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1165	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1166	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1167	NA	NA
Intel HD 530	996	1168	NA	NA
Quadro 3000M	995	1169	14.22	\$69.99*
Radeon R7 A265	993	1170	NA	NA
FirePro V4900	990	1171	6.60	\$149.99*
Radeon R7 M260X	987	1172	NA	NA
Quadro FX 4800	986	1173	0.60	\$1,656.14
Radeon HD 7560D + 7570 Dual	985	1174	NA	NA
Radeon R5 PRO A6-8570 R5. 8 COMPUTE CORES 2C+6G	984	1175	NA	NA
Radeon HD 8690M	984	1176	NA	NA
Radeon HD 7560D + 7560D Dual	982	1177	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M4150	979	1178	NA	NA
Radeon R5 A10-9630P 4C+6G	977	1179	NA	NA
Radeon Vega 3 Athlon 3000G	976	1180	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 2000D	976	1181	1.72	\$569.06
Qualcomm Adreno 685 GPU	976	1182	NA	NA
Radeon R7 A10-7890K	975	1183	NA	NA
Radeon HD 8670D + 8570 Dual	974	1184	NA	NA
Radeon R9 M375	973	1185	NA	NA
Radeon HD 8850M	973	1186	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1187	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1188	NA	NA
Radeon HD 6770M	964	1189	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1190	NA	NA
Radeon R6 Opteron X3418	955	1191	NA	NA
Radeon R7 PRO A12-9800E	954	1192	NA	NA
Radeon R7 A10-7850K	950	1193	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1194	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1195	NA	NA
Quadro CX	947	1196	6.32	\$149.95*
Quadro 2000	946	1197	4.44	\$213.23*
Radeon HD 6670/7670	945	1198	NA	NA
Radeon HD 7640G + 7690M Dual	945	1199	NA	NA
Radeon R7 PRO A10-8850B	945	1200	NA	NA
Radeon R7 M445	944	1201	1.27	\$744.00*
Radeon HD 8570	943	1202	9.56	\$98.68*
Radeon HD 7660D + R7 240 Dual	941	1203	NA	NA
Radeon R7 PRO A12-8870	941	1204	NA	NA
Radeon HD 6750M	937	1205	NA	NA
Radeon HD 4850	936	1206	6.69	\$139.99*
Radeon HD 7560D + HD 8570 Dual	935	1207	NA	NA
Radeon R5 340	935	1208	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1209	NA	NA
GeForce GT 645M	932	1210	NA	NA
Radeon HD 7660G + 7730M Dual	931	1211	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1212	NA	NA
Radeon R7 PRO A10-9700E	929	1213	1.76	\$529.00*
Radeon R5 A6-! <u>RADEON R5. 8 COMPUTE CORES 2C+6G</u>	928	1214	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Iris Pro 6100	925	1215	NA	NA
Intel HD Graphics 620	925	1216	NA	NA
GeForce GT 640M	924	1217	NA	NA
Radeon R7 A10-7860K	922	1218	NA	NA
Radeon R7 240 + HD 8570D Dual	917	1219	NA	NA
Radeon R7 PRO A10-8770	917	1220	NA	NA
Radeon R7 A12-9800E RADEON	913	1221	6.56	\$139.19*
Radeon R7 A10-9700 RADEON	912	1222	NA	NA
Radeon R7 A8-8650	912	1223	NA	NA
GRID K220Q	912	1224	NA	NA
GRID M6-0B	911	1225	NA	NA
Radeon 6750M	911	1226	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7690M	909	1227	NA	NA
Radeon R5 430	907	1228	15.39	\$59.00*
Radeon 620	907	1229	NA	NA
Radeon RX Vega 6 Ryzen 3 3200U	906	1230	NA	NA
Radeon R7 PRO A12-8870E	905	1231	NA	NA
Radeon HD 8550G + 7600M Dual	901	1232	NA	NA
Barco MXRT 7400	900	1233	9.10	\$99.00*
Barco MXRT 2600	900	1234	4.52	\$199.00*
Radeon R7 M440	898	1235	NA	NA
Radeon R7 240	898	1236	10.62	\$84.56*
Radeon R7 + R5 Dual	897	1237	NA	NA
Intel Iris 6100	897	1238	NA	NA
Radeon R7 PRO A8-9600	893	1239	NA	NA
Radeon HD 4770	893	1240	7.15	\$124.86*
7900 MOD - Radeon HD 6550D	892	1241	NA	NA
Radeon Vega 3	888	1242	0.33	\$2,677.99*
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1243	NA	NA
Radeon HD 8650G + 7670M Dual	883	1244	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1245	NA	NA
Radeon R7 PRO A12-9800	877	1246	NA	NA
Radeon E6760	876	1247	3.65	\$239.99*
Radeon R7 A8-7500	875	1248	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 6000	874	1249	NA	NA
GRID M10-0B	870	1250	NA	NA
Radeon R7 G	869	1251	NA	NA
Intel UHD Graphics 617	869	1252	NA	NA
Radeon HD 4830	868	1253	14.48	\$59.99*
Radeon HD 8570D + HD 6570 Dual	868	1254	NA	NA
Intel HD 520	866	1255	NA	NA
Mobility Radeon HD 4850	866	1256	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1257	NA	NA
Radeon 520	862	1258	9.59	\$89.99*
FirePro W2100	858	1259	14.56	\$59.00*
Radeon R7 A10-9700E RADEON	857	1260	NA	NA
Radeon R7 A10-8750	856	1261	NA	NA
Radeon Vega 3 Ryzen 3 3200U	855	1262	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1263	NA	NA
Qualcomm Adreno 680 GPU	854	1264	NA	NA
FirePro 3D V4800	853	1265	5.33	\$159.99*
Radeon R5 A6-9500 2C+6G	853	1266	NA	NA
Radeon R7 A8-7500 4C+6G	853	1267	NA	NA
Radeon HD 8500M/8700M	852	1268	NA	NA
Radeon Vega 3 Athlon 300U	851	1269	NA	NA
Radeon R5 435	850	1270	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1271	NA	NA
Radeon R7 A8-7670K	846	1272	NA	NA
FireGL V8600	838	1273	NA	NA
Radeon HD 8470D + 6570 Dual	837	1274	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1275	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 920A	836	1276	NA	NA
Radeon HD 6650A	835	1277	NA	NA
Radeon HD 7560D + 6570 Dual	833	1278	NA	NA
GeForce GT 730	832	1279	7.57	\$109.99*
Radeon HD 7520G + HD 7500/7600 Dual	832	1280	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1281	NA	NA
Radeon HD 7660				NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 5200	830	1283	NA	NA
Radeon R7 FX-8800P	829	1284	NA	NA
Radeon R7 A8-9600 RADEON	827	1285	NA	NA
GRID M60-0Q	827	1286	NA	NA
GeForce GT 635	825	1287	12.33	\$66.94*
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1288	NA	NA
Quadro FX 3800	823	1289	3.18	\$259.13*
Radeon R7 A8-7680	823	1290	NA	NA
Radeon R7 A10 PRO-7850B	822	1291	NA	NA
Radeon HD 3850 X2	822	1292	NA	NA
Radeon R7 A10 Extreme Edition	821	1293	NA	NA
Radeon R5 M435	821	1294	NA	NA
Radeon HD 7540D + 7500 Dual	821	1295	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1296	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1297	NA	NA
Radeon R7 PRO A10-8770E	818	1298	NA	NA
Radeon R7 M260DX	816	1299	NA	NA
Radeon R9 M280X	813	1300	NA	NA
GeForce GT 730M	813	1301	NA	NA
Radeon HD 8670D + 7000 Dual	811	1302	NA	NA
GeForce GT 445M	811	1303	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1304	NA	NA
Radeon HD 5670	802	1305	8.28	\$96.95
Radeon HD 7670	800	1306	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1307	NA	NA
GeForce 9800 GX2	797	1308	4.09	\$195.00*
GeForce GT 740M	797	1309	NA	NA
Radeon Vega 3 Ryzen 3 3250U	796	1310	NA	NA
Radeon R8 M445DX	796	1311	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1312	NA	NA
Radeon HD 8550G + 8750M Dual	795	1313	NA	NA
GRID M10-0Q	795	1314	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	793	1315	NA	NA
Radeon HD 873	793	1316	NA	NA
Radeon R7 PRO A10-9700	792	1317	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + 8750M Dual	786	1318	NA	NA
Radeon R7 M365X	785	1319	NA	NA
Radeon R7 A8-7600	784	1320	NA	NA
Radeon HD 6800M	782	1321	NA	NA
GeForce 825M	782	1322	NA	NA
Radeon Ryzen 3 3250U	781	1323	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1324	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A365	781	1325	NA	NA
Quadro 2000M	778	1326	3.39	\$229.74*
Radeon HD 7730M	777	1327	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1328	NA	NA
Quadro K1000M	776	1329	11.10	\$69.95*
Radeon HD 7640G + 7500M/7600M Dual	775	1330	NA	NA
Radeon 535DX	773	1331	NA	NA
Radeon HD 7600M + 7600M Dual	773	1332	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1333	NA	NA
Mobility Radeon HD 5000	773	1334	NA	NA
Radeon R7 A10-8850	773	1335	NA	NA
Radeon R7 PRO A10-8750B	770	1336	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1337	NA	NA
GeForce 730A	770	1338	NA	NA
Radeon R7 A10-7700K	770	1339	NA	NA
Radeon HD 4810	769	1340	NA	NA
GeForce 9800 GTX	769	1341	10.26	\$74.99*
GeForce GT 440	768	1342	3.42	\$225.00*
Radeon Athlon Gold 3150U	767	1343	NA	NA
Radeon R7 M270	766	1344	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1345	NA	NA
Mobility Radeon HD 5850	763	1346	NA	NA
Radeon HD 6450 + 8470D Dual	762	1347	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1348	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1349	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1350	NA	NA
Radeon HD 7660G + 7700M Dual	757	1351	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 1100M	755	1352	NA	NA
Radeon R7 A10 PRO-7800B	754	1353	NA	NA
Radeon HD 7640G + 7450M Dual	754	1354	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1355	NA	NA
Radeon HD 6650M	750	1356	NA	NA
Incredibile HD 4600	749	1357	NA	NA
Radeon M535DX	749	1358	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1359	NA	NA
Radeon HD 7640G + 7650M Dual	747	1360	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1361	NA	NA
Intel Iris 5100	746	1362	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1363	NA	NA
Radeon HD 7660G + 7610M Dual	745	1364	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1365	NA	NA
Radeon HD 7660G + 7670M Dual	743	1366	NA	NA
GeForce GT 730A	742	1367	NA	NA
Radeon HD 8650G + 7600M Dual	741	1368	NA	NA
Quadro K420	740	1369	2.75	\$269.00*
Intel Poison Ivy	738	1370	NA	NA
GeForce GT 340	738	1371	13.93	\$52.99*
Radeon HD 7670M + 7670M Dual	738	1372	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1373	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 A10-9630P RADEON R5. 10 COMPUTE CORES 4C	734	1374	NA	NA
Radeon R7 A8-7650K	733	1375	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	732	1376	NA	NA
Radeon R5 A10-9620P 4C+6G	731	1377	NA	NA
Quadro K600	730	1378	12.13	\$60.24*
Intel UHD Graphics 615	730	1379	NA	NA
Radeon R7 A12-9720P RADEON	729	1380	2.00	\$365.48*
Radeon HD 7550M/7650M	728	1381	NA	NA
GRID K140Q	727	1382	NA	NA
Radeon R7 A10-7800	725	1383	NA	NA
Radeon HD 667	724	1384	10.50	\$68.99*
Radeon R7 FX-9800P RADEON	723	1385	1.37	\$530.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1386	NA	NA
Radeon R7 PRO A8-8650B	722	1387	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1388	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1389	NA	NA
Mobility Radeon HD 4870	719	1390	NA	NA
Radeon HD 7540D + 6570 Dual	719	1391	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1392	NA	NA
Quadro K610M	718	1393	2.99	\$240.00*
Radeon HD 8470D + 6450 Dual	717	1394	NA	NA
GeForce 920M	717	1395	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1396	NA	NA
Radeon R7 A12-9700P RADEON	712	1397	1.63	\$435.92*
Radeon HD 7660G + HD 8670M Dual	711	1398	NA	NA
Intel UHD Graphics 610	710	1399	NA	NA
Radeon HD 3870 X2	708	1400	NA	NA
Mi Pad 5 Adreno 640 GPU	707	1401	NA	NA
Radeon HD 6550A	707	1402	NA	NA
Radeon R5 A6-7480	707	1403	NA	NA
GeForce GT 640M LE	707	1404	0.83	\$849.99*
Intel HD 615	707	1405	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1406	NA	NA
Radeon HD 7640G + 7600M Dual	705	1407	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1408	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1409	NA	NA
Intel HD 610	700	1410	NA	NA
Radeon R5 A10-9600P RADEON R5. 10 COMPUTE CORES 4C	699	1411	NA	NA
TRINITY DEVASTATOR MOBILE	699	1412	NA	NA
Radeon HD 7570M/HD 7670M	699	1413	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1414	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1415	NA	NA
Radeon R5 A6-9500E RADEON R5. 6 COMPUTE CORES 2C+4	692	1416	NA	NA
Radeon HD 7640G + 7700M Dual	690	1417	NA	NA
NVS 510	690	1418	6.16	\$111.99*
Radeon R5 PRO A6-8530B 2C+4G	689	1419	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	1420	NA	NA
Video Card ▼				
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1421	NA	NA
<u>Radeon HD 6630M</u>	684	1422	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GRID P40-3Q</u>	681	1423	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	1424	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7670M Dual</u>	679	1425	NA	NA
<u>GeForce GTS 160M</u>	678	1426	NA	NA
<u>Radeon HD 7640G + HD 8670M Dual</u>	677	1427	NA	NA
<u>Radeon Vega 3 Athlon 320GE</u>	677	1428	NA	NA
<u>GeForce GT 630</u>	676	1429	4.60	\$147.01*
<u>Radeon Athlon Silver 3050U</u>	676	1430	NA	NA
<u>Radeon HD 8610G + R5 M200 Dual</u>	676	1431	NA	NA
<u>Quadro FX 4700 X2</u>	676	1432	NA	NA
<u>Radeon R5 A10-9620P RADEON R5. 10 COMPUTE CORES 4C</u>	673	1433	NA	NA
<u>GeForce GT 530</u>	670	1434	13.69	\$49.00*
<u>Radeon R8 M535DX</u>	670	1435	NA	NA
<u>Radeon R7 A8 PRO-7600B</u>	669	1436	NA	NA
<u>GeForce GT 740A</u>	667	1437	NA	NA
<u>Radeon HD 7640G + HD 8500M N HD 8500M Dual</u>	665	1438	NA	NA
<u>FirePro M7740</u>	665	1439	NA	NA
<u>Radeon HD 8550G + 8690M Dual</u>	664	1440	NA	NA
<u>FireGL V7700</u>	660	1441	9.43	\$69.99*
<u>Radeon HD 2900 XT</u>	659	1442	NA	NA
<u>Radeon R5 PRO A8-9600B 4C+6G</u>	658	1443	NA	NA
<u>GeForce GT 140</u>	657	1444	NA	NA
<u>Radeon R7 PRO A12-9800B</u>	657	1445	NA	NA
<u>GRID RTX6000-2Q</u>	655	1446	NA	NA
<u>Radeon R7 M340</u>	655	1447	NA	NA
<u>GeForce 810A</u>	655	1448	NA	NA
<u>Radeon HD 7640G + 8750M Dual</u>	654	1449	NA	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	1450	NA	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	1451	NA	NA
<u>GeForce GT 555M</u>	654	1452	3.69	\$177.20*



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 735M	652	1453	NA	NA
Video Card ▼				
Radeon HD 8650G + HD 8750M Dual	651	1454	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1455	NA	NA
GRID K1	650	1456	1.65	\$395.00*
SUMO 9640	650	1457	NA	NA
Radeon R5 M430	648	1458	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	648	1459	NA	NA
Radeon R8 M365DX	647	1460	NA	NA
FireStream 9170	647	1461	NA	NA
Radeon HD 6670 + 6670 Dual	646	1462	NA	NA
GeForce GTS 360M	646	1463	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1464	NA	NA
Radeon HD 7640G + 7670M Dual	644	1465	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1466	NA	NA
GeForce 8800 Ultra	642	1467	1.04	\$619.99
Quadro K510M	641	1468	NA	NA
Radeon Vega 3 Athlon Gold 3150U	640	1469	NA	NA
FirePro V3900	640	1470	2.68	\$238.44*
Radeon R5 PRO A6-8570E 2C+4G	637	1471	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 7400M Dual	637	1472	NA	NA
Radeon HD 8450G + 8750M Dual	637	1473	NA	NA
Intel HD 515	636	1474	NA	NA
GeForce GTX 285M	636	1475	NA	NA
GeForce 9800 S	635	1476	NA	NA
Radeon HD 8650G + 8670M Dual	635	1477	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1478	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1479	NA	NA
Radeon HD 5600/5700	633	1480	NA	NA
Intel HD P4600/P4700	633	1481	NA	NA
Radeon HD 7610M	632	1482	NA	NA
Radeon R7 PRO A12-8800B	631	1483	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1484	NA	NA
Radeon HD 7660 + 7470M Dual	630	1485	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1486	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	1487	NA	NA
GRID K160Q	628	1488	NA	NA
Radeon HD 2900 PRO	627	1489	NA	NA
Intel HD 4600	627	1490	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1491	NA	NA
Radeon HD 8650G + 8500M Dual	626	1492	NA	NA
GeForce GT 710	626	1493	2.51	\$249.99*
NVS 5400M	624	1494	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1495	NA	NA
Intel HD 510	621	1496	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1497	NA	NA
Radeon HD 8570 + 8670D Dual	620	1498	NA	NA
Intel HD 4600 manual-gen9_2015-134121	619	1499	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1500	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1501	NA	NA
Radeon R6	618	1502	NA	NA
Radeon HD 8550G + 8600M Dual	617	1503	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1504	NA	NA
GeForce GT 720	616	1505	6.16	\$99.99*
FireGL V7600	615	1506	NA	NA
Intel UHD 630	614	1507	NA	NA
GeForce 720A	614	1508	NA	NA
Radeon HD 8650G + 8600M Dual	613	1509	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1510	NA	NA
Radeon HD 7570	610	1511	5.96	\$102.49*
7900 MOD - Radeon HD 6520G	610	1512	NA	NA
Radeon HD 8610G + 8500M Dual	610	1513	NA	NA
Radeon R7 A360	607	1514	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1515	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1516	NA	NA
Radeon R6 M255DX	605	1517	NA	NA
Radeon R5 A6-9400 RADEON R5. 6 COMPUTE CORES 2C+4G	605	1518	NA	NA
GeForce 9800 GTX/9800 GTX+	605	1519	6.72	\$89.99*
Intel HD P4600	604	1520	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)
Radeon HD 8550G + 8500M Dual	602	1521	NA	NA
GeForce GT 430	601	1522	4.29	\$139.99*
Radeon HD 8610G + 8670M Dual	599	1523	NA	NA
Matrox C420 LP PCIe x16	597	1524	NA	NA
Radeon HD 8510G + 8500M Dual	596	1525	NA	NA
Radeon R5 M330	595	1526	NA	NA
Radeon HD 7640G + 7470M Dual	595	1527	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1528	NA	NA
GeForce GTS 250	592	1529	6.89	\$86.06*
Surface Duo Adreno 640 GPU	592	1530	NA	NA
Intel HD 5500	591	1531	NA	NA
Radeon HD 7520G + 7600M Dual	591	1532	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1533	NA	NA
GeForce 910M	589	1534	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1535	NA	NA
Radeon HD 8610G + 8600M Dual	588	1536	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	588	1537	NA	NA
Radeon HD 7520G + 7610M Dual	588	1538	NA	NA
Radeon HD 7660G + 7400M Dual	588	1539	NA	NA
Radeon HD 7660G + 8670M Dual	587	1540	NA	NA
Intel HD 5000	587	1541	0.94	\$625.00*
Radeon HD 7640G + HD 8600/8700M Dual	586	1542	NA	NA
Radeon R5 A6-8500P	586	1543	NA	NA
Radeon HD 7640G + 8500M Dual	585	1544	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1545	NA	NA
GeForce 8800 GTX	584	1546	4.87	\$119.99*
Radeon HD 7520G + 7500/7600 Dual	582	1547	NA	NA
Quadro FX 3800M	580	1548	NA	NA
Radeon R7 PRO A12-8830B	579	1549	NA	NA
Radeon HD 8550G + 8670M Dual	579	1550	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	579	1551	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1552	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1553	NA	NA
Radeon HD 7620G + 8670M Dual	577	1554	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Skylake HD DT GT2	576	1555	NA	NA
Radeon R5 A240	576	1556	NA	NA
Radeon R7 M360	576	1557	NA	NA
GeForce GTX 280M	575	1558	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1559	NA	NA
Radeon R5 420	574	1560	14.39	\$39.95*
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1561	NA	NA
GeForce GT 720A	573	1562	NA	NA
Quadro 500M	570	1563	2.07	\$275.14*
Radeon R6 + R7 M265DX Dual	570	1564	NA	NA
Radeon HD 7650A	569	1565	2.17	\$262.00*
Radeon HD 7560D + 6450 Dual	568	1566	NA	NA
Radeon HD 7660G + HD 7600M Dual	568	1567	NA	NA
Radeon HD 8550D	566	1568	NA	NA
Radeon HD 6610M	565	1569	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 1000M	565	1570	10.37	\$54.50*
Radeon R7E	564	1571	NA	NA
GeForce 8800 GTS 512	564	1572	NA	NA
Qualcomm Adreno 7c+ Gen 3	563	1573	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1574	NA	NA
GeForce GT 550M	562	1575	NA	NA
GeForce GT 820M	559	1576	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1577	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1578	NA	NA
Radeon HD 7640G + 8670M Dual	558	1579	NA	NA
Radeon HD 7640G + 8570M Dual	558	1580	NA	NA
Radeon Vega 3 3020e	557	1581	NA	NA
GeForce GT 635M	556	1582	NA	NA
GeForce GTS 240	556	1583	8.56	\$64.99*
GeForce 820A	555	1584	NA	NA
Radeon Athlon PRO 3045B	555	1585	NA	NA
Radeon HD 3870	555	1586	2.22	\$250.00
GeForce 9800M GS	554	1587	NA	NA
GF117	554	1588	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 250M	553	1589	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	553	1590	NA	NA
Radeon R7 7850A10-7850K	551	1591	NA	NA
Radeon HD 6570	550	1592	8.46	\$64.99*
FireGL V8650	550	1593	1.84	\$298.99*
Radeon R5 M335	548	1594	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1595	NA	NA
Mobility Radeon HD 3870	547	1596	NA	NA
FirePro 3D V5700	546	1597	1.71	\$319.99*
Radeon HD 8550G + HD 8670M Dual	546	1598	NA	NA
Radeon R7 M265	545	1599	NA	NA
Radeon HD 8450G + 8600M Dual	545	1600	NA	NA
FirePro 3D V7750	545	1601	1.56	\$350.00*
Radeon HD 7520G + HD 7400M Dual	544	1602	NA	NA
Radeon R5 240	544	1603	6.41	\$85.00*
Radeon HD 7600G + HD 8670M Dual	543	1604	NA	NA
Radeon R6 A10-8700P	543	1605	NA	NA
Quadro FX 2700	543	1606	NA	NA
Radeon HD 7520G + 7470M Dual	542	1607	NA	NA
Radeon R5 M255	542	1608	NA	NA
Radeon Vega 2 Athlon Silver 3050U	542	1609	NA	NA
Qualcomm Adreno 675 GPU	539	1610	NA	NA
GeForce GT 630M	538	1611	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1612	NA	NA
GeForce GT 435M	535	1613	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1614	NA	NA
GRID K180Q	533	1615	NA	NA
Radeon HD 8550G + 8570M Dual	532	1616	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	532	1617	NA	NA
Quadro 600	531	1618	7.00	\$76.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 PRO A8-8600B 4C+6G	531	1619	NA	NA
RADEON HD6530D	531	1620	NA	NA
Radeon HD 867	529	1621	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1622	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 5570	527	1623	NA	NA
Radeon 6600M	527	1624	NA	NA
Radeon HD 7640G + 6400M Dual	526	1625	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1626	NA	NA
Radeon HD 8650G	525	1627	NA	NA
Quadro FX 5600	525	1628	1.78	\$295.00*
Radeon HD 7660D + R5 235 Dual	523	1629	NA	NA
Radeon HD 7520G + 7670M Dual	523	1630	NA	NA
Intel HD 4400	522	1631	NA	NA
GeForce GT 425M	522	1632	NA	NA
Radeon R5 330	520	1633	1.53	\$339.99*
Radeon HD 8670M	520	1634	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1635	NA	NA
Incredible HD 4000	517	1636	NA	NA
Intel HD P4000	516	1637	NA	NA
GeForce 615	514	1638	NA	NA
Mobility Radeon HD 4830	511	1639	NA	NA
NVS 5200M	511	1640	NA	NA
Radeon HD 7640G + 7610M Dual	510	1641	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1642	NA	NA
Radeon HD 7620G + 8600M Dual	508	1643	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1644	NA	NA
Radeon HD 7660D	507	1645	NA	NA
Mobility Radeon HD 5730	507	1646	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1647	NA	NA
Radeon R7 M260	506	1648	0.63	\$799.00*
Radeon Vega 2	506	1649	NA	NA
GeForce GTS 150M	504	1650	NA	NA
Radeon HD 8690A	503	1651	NA	NA
GeForce GT 240	503	1652	3.13	\$160.97*
Radeon HD 8450G + HD 8750M Dual	503	1653	NA	NA
Radeon Vega 3 Athlon Silver 3050e	500	1654	NA	NA
Radeon R7 M265DX	498	1655	NA	NA
TRINITY SCRAPPER MOBILE	498	1656	NA	NA
SUMO 964A	497	1657	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7500G + 7550M Dual	497	1658	NA	NA
ASUS EAH4870x2	496	1659	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1660	NA	NA
GeForce 9800 GTX+	494	1661	NA	NA
GeForce 820M	492	1662	NA	NA
Radeon HD8530M	490	1663	NA	NA
Radeon R5 M420	489	1664	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1665	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1666	NA	NA
Radeon R4E	487	1667	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7400M Dual	486	1668	NA	NA
Radeon 3020e	484	1669	NA	NA
GeForce 9600 GT	481	1670	7.40	\$64.99*
Radeon HD 8610G + HD 8600M Dual	480	1671	NA	NA
Mobility Radeon HD 5000 Serisi	478	1672	NA	NA
GeForce GT 625M	478	1673	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1674	NA	NA
Mobility Radeon HD 3870 X2	477	1675	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1676	NA	NA
GeForce GT 540M	477	1677	5.43	\$87.95*
Radeon HD 7600G + HD 7500M/7600M Dual	476	1678	NA	NA
GeForce 800A	476	1679	NA	NA
Radeon HD 7660G	476	1680	NA	NA
Radeon HD 5570	475	1681	2.93	\$162.35*
Radeon R6 A8-8600P	474	1682	NA	NA
Radeon HD 8450G + 8670M Dual	474	1683	NA	NA
Radeon HD 7640G + HD 8570M Dual	474	1684	NA	NA
Radeon R5 M315	473	1685	NA	NA
GeForce 710A	473	1686	NA	NA
Radeon HD 7670M	472	1687	0.75	\$629.99*
FirePro 3D V3800	472	1688	3.15	\$149.99*
Radeon HD 8570D + R5 235 Dual	470	1689	NA	NA
GeForce 8800 GT	469	1690	2.20	\$213.54*
Quadro FX 3600M	466	1691	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1800M	466	1692	NA	NA
SUMO 9644	465	1693	NA	NA
Radeon HD 7660D + 7470 Dual	465	1694	NA	NA
Radeon HD 7550M	464	1695	NA	NA
FirePro V5700	464	1696	2.47	\$188.06*
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	463	1697	NA	NA
Mobility Radeon HD 4670	463	1698	NA	NA
Intel HD Family	462	1699	NA	NA
GeForce 8800M GTX	462	1700	NA	NA
GeForce GT 320	461	1701	14.10	\$32.69*
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1702	NA	NA
GeForce 710M	458	1703	NA	NA
GeForce 9800 GT	458	1704	3.06	\$149.99
Radeon HD 7640G	458	1705	NA	NA
GeForce GT 720M	458	1706	NA	NA
GeForce 800M	457	1707	NA	NA
Radeon HD 7560D	457	1708	NA	NA
GeForce GT 525M	456	1709	NA	NA
Quadro FX 3700M	456	1710	0.49	\$925.00*
GeForce 705M	455	1711	NA	NA
Radeon R5 M320	454	1712	NA	NA
GeForce 9800M GTX	454	1713	1.38	\$328.50*
Radeon HD 7520G + 7650M Dual	453	1714	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1715	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1716	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT625M	451	1717	NA	NA
Radeon R5 M240	450	1718	NA	NA
Mobility Radeon HD 5650	449	1719	NA	NA
Radeon HD 8570M	448	1720	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1721	NA	NA
Radeon HD 7660G + 8600M Dual	445	1722	NA	NA
PHDGD Ivy 5	445	1723	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1724	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 710M	441	1725	NA	NA
Quadro 410	438	1726	3.40	\$129.00*
GeForce GT 620M	437	1727	NA	NA
Radeon HD 7650M	437	1728	NA	NA
Radeon HD 8570D	436	1729	NA	NA
Radeon HD 7600G + HD Dual	435	1730	NA	NA
Radeon HD 8410G	435	1731	NA	NA
Radeon HD 3850 AGP	432	1732	NA	NA
Radeon HD 7570M	427	1733	NA	NA
Quadro FX 4600	425	1734	1.28	\$333.25*
Radeon HD 8500M	425	1735	NA	NA
FirePro M2000	425	1736	NA	NA
GeForce GT 420	425	1737	2.74	\$155.00*
Radeon HD 7640G + HD 7500/7600 Dual	423	1738	NA	NA
Radeon HD 7600G + 7550M Dual	423	1739	NA	NA
RADEON HD6410D	422	1740	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1741	NA	NA
Intel 4th Generation Haswell HD	419	1742	NA	NA
Radeon R5 M230	415	1743	NA	NA
Radeon HD 8610G	415	1744	NA	NA
Quadro FX 2800M	415	1745	2.19	\$190.00*
GeForce 810M	413	1746	NA	NA
GeForce 8800 GTS	412	1747	5.15	\$79.99*
Radeon HD 8550G	411	1748	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1749	NA	NA
GeForce GTS 350M	407	1750	NA	NA
Radeon HD 7470M	407	1751	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1752	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1753	NA	NA
RADEON E4690	405	1754	NA	NA
Mobility Radeon HD 4650	401	1755	NA	NA
Intel HD 5300	400	1756	NA	NA
Radeon HD 6550D	400	1757	NA	NA
Quadro FX 180	397	1758	2.95	\$135.00*
Radeon HD 8650D	396	1759	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 420M	396	1760	NA	NA
Radeon R5 Opteron X3216	394	1761	NA	NA
Radeon HD 3850	392	1762	NA	NA
Radeon HD 7600G + 7450M Dual	389	1763	NA	NA
IncredibIE HD	389	1764	NA	NA
GeForce GT 330	389	1765	9.73	\$39.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7900 GTX	387	1766	NA	NA
GeForce 8800M GTS	382	1767	NA	NA
GeForce 9800M GT	381	1768	NA	NA
GeForce GT 130	381	1769	2.52	\$151.34*
Radeon 3015e	379	1770	NA	NA
Radeon HD 4670	379	1771	2.65	\$142.96*
GeForce GTX 260M	379	1772	NA	NA
GeForce GT 620	379	1773	2.46	\$154.00*
GeForce GT 335M	378	1774	NA	NA
Quadro FX 3700	377	1775	1.77	\$213.27*
Radeon HD 6490M	377	1776	0.32	\$1,193.03*
Radeon HD 7520G + 8750M Dual	376	1777	NA	NA
Radeon HD 7600G + 6400M Dual	376	1778	NA	NA
Radeon HD 5550	376	1779	6.85	\$54.99*
GeForce 9800M GTS	376	1780	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1781	NA	NA
PHDGD Ivy 4	374	1782	NA	NA
Radeon HD 8470D	373	1783	NA	NA
Intel UHD Graphics 605	370	1784	NA	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1785	NA	NA
Quadro FX 2700M	366	1786	3.67	\$99.95*
Matrox Millennium P690 PCIe x16	366	1787	NA	NA
Radeon HD4670	365	1788	NA	NA
Mobility Radeon HD 3850	365	1789	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1790	NA	NA
Radeon HD 7620G	363	1791	NA	NA
Radeon HD 766 HD 8600M Dual	363	1792	NA	NA
Intel HD 505	361	1793	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7500G + HD 7500M/7600M Dual	355	1794	NA	NA
Radeon HD 8510G	354	1795	NA	NA
Radeon HD 6480M	353	1796	NA	NA
Mobility Radeon HD 565v	353	1797	NA	NA
GeForce GT 625	352	1798	NA	NA
Radeon HD 7580D	350	1799	NA	NA
GeForce 7950 GT	347	1800	1.36	\$254.80*
Intel HD 4000	347	1801	0.22	\$1,592.95*
Radeon HD 8450G	341	1802	NA	NA
FirePro 3D V3750	341	1803	6.71	\$50.88*
Radeon HD 6620G	341	1804	NA	NA
FireGL V5600	341	1805	1.52	\$225.00*
Radeon HD 8310E	340	1806	NA	NA
GeForce GT 705	340	1807	1.15	\$296.76*
Radeon HD 7660D + HD 7400 Dual	339	1808	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1809	NA	NA
Radeon HD 6530D	337	1810	NA	NA
Radeon R4	336	1811	0.85	\$396.99*
Radeon R5 235	336	1812	5.59	\$60.13*
FirePro RG220	335	1813	0.52	\$650.18*
Radeon HD 7600G + 8500M/8700M Dual	333	1814	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7540D	332	1815	NA	NA
Radeon R5 310	331	1816	0.66	\$499.00*
GeForce 8800 GS	330	1817	NA	NA
GeForce 9600 GSO 512	329	1818	NA	NA
ZX C-1080	329	1819	NA	NA
Radeon HD 7450M	329	1820	NA	NA
Radeon HD 7600G	328	1821	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1822	NA	NA
GeForce 9600 GSO	327	1823	3.05	\$107.39*
GeForce GT 120 / 9500 GT	324	1824	NA	NA
Radeon E6460	323	1825	NA	NA
GeForce GT 230	323	1826	7.35	\$43.99*
Radeon HD 7500G	321	1827	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro V3800	320	1828	2.57	\$124.99*
RADEON HD6370D	320	1829	NA	NA
GeForce 240M GT	319	1830	NA	NA
Intel UHD Graphics 600	319	1831	NA	NA
GeForce 605	318	1832	2.33	\$136.83*
Mobility Radeon HD 560v	318	1833	NA	NA
NVS 315	317	1834	4.54	\$69.99*
GeForce GT 520	315	1835	1.04	\$304.00*
GeForce GT 610	314	1836	2.25	\$139.99*
Radeon HD 7520G	313	1837	NA	NA
Radeon HD 8370D	312	1838	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1839	NA	NA
Radeon R5E	309	1840	NA	NA
Radeon HD 7420G	308	1841	NA	NA
Radeon R3	307	1842	NA	NA
Quadro FX 3500M	306	1843	3.06	\$99.99*
Radeon HD 8350G	304	1844	NA	NA
Radeon R1E	301	1845	NA	NA
Radeon HD 6520G	299	1846	NA	NA
Intel HD 500	298	1847	NA	NA
GRID K120Q	293	1848	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1849	NA	NA
Radeon HD 2900 GT	292	1850	NA	NA
GeForce 610M	290	1851	NA	NA
GeForce 7800 GTX	290	1852	4.06	\$71.60*
NVS 4200M	289	1853	0.72	\$399.00*
Radeon HD 7470	289	1854	3.55	\$81.37*
Radeon HD 7450A	288	1855	NA	NA
GeForce 7950 Xtreme	287	1856	NA	NA
GeForce GT 415M	286	1857	NA	NA
GeForce GT 520M	285	1858	9.54	\$29.95*
Intel HD P3000	284	1859	NA	NA
Mobility Radeon HD 5165	284	1860	NA	NA
Qualcomm Adreno 630 GPU	282	1861	NA	NA
Radeon HD 2600 XT	282	1862	1.78	\$159.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600 GS	281	1863	NA	NA
GeForce GT 520MX	281	1864	NA	NA
RDPDD Chained DD	281	1865	NA	NA
Radeon HD 7480D	278	1866	NA	NA
GeForce 9700M GTS	278	1867	NA	NA
Radeon R5 235X	277	1868	NA	NA
Radeon HD 6370M	275	1869	NA	NA
Radeon HD 8400E	275	1870	NA	NA
GeForce Go 7900 GTX	270	1871	NA	NA
GeForce 9650M GS	270	1872	NA	NA
Radeon HD 8280G	269	1873	NA	NA
Radeon HD 5470	268	1874	NA	NA
Radeon HD 7400G	267	1875	NA	NA
Mobility Radeon HD 550v	266	1876	NA	NA
Radeon HD 8330	265	1877	NA	NA
Radeon HD 8400	265	1878	NA	NA
GeForce Go 7950 GTX	263	1879	NA	NA
Radeon HD 8490	263	1880	2.93	\$89.99*
GeForce 410M	262	1881	NA	NA
Radeon HD 8330E	262	1882	NA	NA
Radeon HD 8280	260	1883	NA	NA
Radeon HD 6450A	260	1884	NA	NA
Quadro FX 3500	259	1885	3.77	\$68.98*
Intel HD 3000	259	1886	0.27	\$945.00*
GeForce 7900 GT	258	1887	1.30	\$199.00*
Radeon HD 6480G	256	1888	NA	NA
Radeon HD 8280E	256	1889	NA	NA
Radeon HD 6370D	255	1890	NA	NA
GeForce 510	254	1891	3.64	\$69.99*
GeForce 7900 GS	253	1892	NA	NA
NVS 310	251	1893	4.05	\$62.06*
GeForce GT 415	251	1894	NA	NA
Radeon HD 7640G + 8600M Dual	249	1895	NA	NA
Radeon R2	248	1896	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7900 GT/GTO	247	1897	NA	NA
Radeon HD 8470	246	1898	NA	NA
Radeon HD 8240	246	1899	NA	NA
Mobile Intel HD	244	1900	0.51	\$479.98*
GeForce 7800 GT	244	1901	3.05	\$80.00*
Radeon HD 4650	243	1902	3.48	\$69.99*
Quadro FX 5500	242	1903	0.12	\$1,999.00*
Radeon HD4650	239	1904	1.57	\$152.90*
Quadro NVS 510M	238	1905	NA	NA
Radeon HD 6410D	236	1906	NA	NA
Mobility Radeon HD 5470	236	1907	NA	NA
Quadro FX 4500 X2	236	1908	NA	NA
Radeon HD 4550	235	1909	1.51	\$156.00*
Mobility Radeon HD 3670	232	1910	NA	NA
Radeon E6465	231	1911	NA	NA
Quadro NVS 290	228	1912	3.86	\$59.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4500	227	1913	1.34	\$169.00*
Radeon HD 6470M	226	1914	0.40	\$569.99*
GeForce 7600 GT	224	1915	1.13	\$199.00*
Radeon HD 7450	224	1916	4.50	\$49.99*
Radeon R3E	224	1917	NA	NA
Quadro FX 880M	223	1918	NA	NA
GT 430	223	1919	1.56	\$142.88*
Intel G965 Express	222	1920	NA	NA
Radeon R5 230	221	1921	2.74	\$81.10*
Radeon HD 7340M	221	1922	NA	NA
Quadro FX 770M	220	1923	0.42	\$527.00*
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1924	NA	NA
Quadro FX 570	220	1925	1.92	\$115.00*
GeForce GT 220	219	1926	5.48	\$39.99*
Mobility FireGL V5725	219	1927	NA	NA
Quadro FX 2500M	217	1928	12.45	\$17.50*
GeForce GT 230M	217	1929	NA	NA
Radeon HD 6320 Graphic	216	1930	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 330M	216	1931	NA	NA
GeForce 9500 GS	215	1932	NA	NA
Mobility Radeon. HD 5470	215	1933	NA	NA
Mobility Radeon HD 5450	214	1934	NA	NA
GeForce GT 240M	213	1935	NA	NA
Intel HD 2000	213	1936	NA	NA
Radeon HD 8250	212	1937	NA	NA
Radeon HD 2600 PRO	211	1938	1.12	\$188.44*
GeForce Go 7600 GT	210	1939	NA	NA
GeForce 320M	209	1940	NA	NA
GeForce Go 7800 GTX	209	1941	NA	NA
Radeon R2E	208	1942	NA	NA
GeForce 9700M GT	208	1943	NA	NA
Quadro NVS 320M	208	1944	NA	NA
Radeon HD 4650 AGP	207	1945	NA	NA
Barco MXRT 1450	205	1946	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1947	NA	NA
Intel Q45/Q43 Express Chipset	203	1948	NA	NA
GeForce 7950 GX2	201	1949	3.67	\$54.99*
Radeon HD 6380G	200	1950	0.50	\$399.99*
NVS 5100M	199	1951	NA	NA
Mobility Radeon HD 545v	199	1952	NA	NA
RADEON HD7450	199	1953	8.95	\$22.25*
Radeon HD 6320M	198	1954	NA	NA
Radeon HD 6450	197	1955	2.22	\$89.00*
Radeon HD 7340G	196	1956	NA	NA
Intel Infoshock HD	193	1957	NA	NA
Radeon HD 8210E	193	1958	NA	NA
Radeon HD 6430M	192	1959	NA	NA
Mobility Radeon HD 2600 XT	191	1960	NA	NA
GeForce 6800 GS	191	1961	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 1700	191	1962	0.55	\$350.14*
Mobility Radeon HD 4550	191	1963	NA	NA
Radeon HD 8210	190	1964	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 540v	188	1965	NA	NA
GeForce G100	184	1966	9.24	\$19.99*
Mobility Radeon HD 5430	181	1967	NA	NA
Radeon HD 7310G	180	1968	NA	NA
Barco MXRT 7100	180	1969	NA	NA
FireGL V3600	179	1970	1.12	\$160.99*
Quadro FX 3450/4000 SDI	179	1971	NA	NA
Radeon HD 6230	179	1972	NA	NA
FirePro 3D V3700	178	1973	2.10	\$84.99*
GeForce 7800 GS	177	1974	NA	NA
GeForce Go 7900 GS	176	1975	NA	NA
GeForce 315	176	1976	5.34	\$32.99*
Mobility Radeon HD 530v	174	1977	NA	NA
Radeon HD 7310 - Carte graphique	174	1978	NA	NA
Quadro FX 1700M	172	1979	NA	NA
Quadro FX 1500M	171	1980	NA	NA
Radeon HDG 4670	170	1981	NA	NA
FirePro 2460	170	1982	2.03	\$83.99*
GeForce GT 325M	169	1983	NA	NA
Quadro FX 1500	169	1984	0.36	\$465.71
GeForce 9400 GT	169	1985	2.62	\$64.62
GeForce 9200	169	1986	NA	NA
Intel 2nd Generation SandyBridge HD	169	1987	NA	NA
Radeon HD 3670	168	1988	NA	NA
Mobility Radeon HD 2600	167	1989	NA	NA
GeForce G102M	167	1990	NA	NA
Radeon HD 7310M	166	1991	NA	NA
GeForce GT 120	165	1992	5.53	\$29.99*
Intel HD manual-gen9_2015-133271	165	1993	NA	NA
Radeon HD 7350	165	1994	NA	NA
GeForce 9500 GT	165	1995	1.92	\$85.99*
Radeon HD 8350	162	1996	1.63	\$99.81*
Quadro FX 580	161	1997	1.24	\$130.00*
GeForce 8600 GTS	158	1998	0.66	\$241.99*
GeForce 7600 GS	158	1999	1.34	\$118.62

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 380	157	2000	2.17	\$72.50*
GeForce 8200	155	2001	NA	NA
Radeon HD 4300/4500 Serisi	155	2002	NA	NA
Radeon HD 3450	155	2003	1.75	\$89.00*
GeForce 8400 GS	155	2004	1.80	\$85.97*
Radeon HD 7340	153	2005	0.28	\$552.69*
Radeon X1950 CrossFire Edition	151	2006	NA	NA
GeForce GT 120M	150	2007	NA	NA
GeForce 305M	150	2008	NA	NA
Intel Q965/Q963 Express	150	2009	NA	NA
Radeon HD 3650 AGP	150	2010	0.81	\$185.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8500 GT	149	2011	NA	NA
Quadro FX 3450	148	2012	1.24	\$119.99*
Quadro 400	148	2013	0.70	\$211.00*
Mobility Radeon HD 4350	148	2014	NA	NA
Radeon R5 220	147	2015	1.73	\$85.26*
GeForce Go 7700	147	2016	NA	NA
Radeon HD 6320	147	2017	0.27	\$554.99*
ZX Chrome 645/640 GPU	147	2018	NA	NA
S3 5400EW	146	2019	NA	NA
GeForce GT 130M	146	2020	NA	NA
Radeon X1900 GT	145	2021	NA	NA
Radeon HD 6300M	144	2022	NA	NA
GeForce 9200M GE	143	2023	NA	NA
Radeon HD 4350	143	2024	2.81	\$50.99*
GeForce 6600 GT	142	2025	2.20	\$64.95*
Mobility Radeon HD 4570	142	2026	1.88	\$75.90*
FirePro 2270	142	2027	1.06	\$134.00*
GeForce 6800 GT	142	2028	NA	NA
RADEON HD 6350	140	2029	2.39	\$59.00*
Radeon HD 4290	140	2030	NA	NA
Radeon X1800 GTO	140	2031	NA	NA
Radeon HD 6290M	140	2032	NA	NA
nForce 760i SLI	140	2033	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 310	140	2034	1.29	\$108.35*
NVS 2100M	139	2035	NA	NA
Mobility Radeon HD 3650	139	2036	1.90	\$73.53*
GeForce 9600M GT	139	2037	1.79	\$78.20*
Intel Haswell HD - GT2	139	2038	NA	NA
GeForce 6800 Ultra	138	2039	NA	NA
Radeon HD 8180	138	2040	NA	NA
Intel B43 Express Chipset	138	2041	NA	NA
GeForce 7300 GT	138	2042	0.92	\$149.99*
GeForce Go 6800 Ultra	137	2043	NA	NA
GeForce 9650M GT	137	2044	1.17	\$117.30*
Radeon X1900 CrossFire Edition	137	2045	NA	NA
Radeon HD 5450	136	2046	1.95	\$69.98
GeForce G200	136	2047	NA	NA
Quadro NVS 160M	135	2048	NA	NA
Mobility Radeon HD 4330	135	2049	NA	NA
Mobility Radeon X1900	134	2050	NA	NA
GeForce 9800 GT 1024MB	134	2051	NA	NA
EAH5450	134	2052	1.22	\$109.99*
GeForce 9500M GS	134	2053	NA	NA
GeForce 7650 GS	134	2054	NA	NA
GeForce G105M	133	2055	NA	NA
Intel G41 Express Chipset	132	2056	NA	NA
VIA/S3G C-645/640 GPU	132	2057	NA	NA
Quadro FX 1600M	131	2058	0.87	\$149.90*
GeForce 9600M GS	130	2059	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY RADEON X1800	130	2060	NA	NA
RADEON X800 SE	129	2061	NA	NA
GeForce 9200M GS	129	2062	NA	NA
GeForce 9300 / nForce 730i	128	2063	NA	NA
FireGL V7300	128	2064	0.11	\$1,189.99*
Radeon HD 7310	128	2065	NA	NA
GeForce Go 7600	127	2066	NA	NA
All-in-Wonder X1900	127	2067	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9300	126	2068	2.15	\$59.00*
Radeon HD 3300	126	2069	NA	NA
Qualcomm Adreno 618 GPU	126	2070	NA	NA
GeForce 205	126	2071	NA	NA
Intel G45/G43 Express Chipset	125	2072	NA	NA
Seria Mobility Radeon HD 3400	124	2073	NA	NA
GeForce 8700M GT	124	2074	NA	NA
Quadro FX 1400	124	2075	0.51	\$245.01*
GeForce 8600 GT	123	2076	0.63	\$196.00*
Radeon HD 7290M	123	2077	NA	NA
GeForce 6800 XT	123	2078	NA	NA
Intel Haswell HD - GT1	123	2079	NA	NA
Quadro FX 380 LP	122	2080	NA	NA
Radeon HD 4250	122	2081	NA	NA
Radeon HD 6310	122	2082	NA	NA
GeForce GT 220M	121	2083	NA	NA
GeForce 9500M G	121	2084	NA	NA
Quadro FX 380M	120	2085	NA	NA
Radeon HD 2400	120	2086	1.37	\$88.20*
NVS 300	120	2087	1.92	\$62.97*
Quadro NVS 420	120	2088	0.80	\$150.00*
Extreme AX850 PRO	120	2089	NA	NA
GeForce 405	119	2090	4.85	\$24.64*
GeForce G210	119	2091	0.98	\$122.12*
Radeon HD 2400 XT	118	2092	NA	NA
GeForce 210	118	2093	2.19	\$54.15*
RV530 PRO	118	2094	NA	NA
Qualcomm Adreno 540 GPU	118	2095	NA	NA
GeForce 310M	118	2096	NA	NA
GeForce 505	118	2097	1.03	\$115.06*
FireMV 2260	117	2098	1.33	\$88.08*
Mobile Intel 45 Express-Chipsatzfamilie	117	2099	NA	NA
PHDGD Quantic C3	116	2100	NA	NA
Radeon X1700 Targa Edition	116	2101	NA	NA
GeForce G210M	116	2102	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVS 3100M	116	2103	NA	NA
FireGL V7200	116	2104	NA	NA
Radeon HD 3470	115	2105	1.06	\$109.65*
Radeon X1600 XT	115	2106	NA	NA
Radeon HD 4330	115	2107	NA	NA
GeForce 8300 GS	115	2108	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 315M	115	2109	NA	NA
RADEON X800 GTO	114	2110	NA	NA
GeForce Go 7800	114	2111	NA	NA
FireGL V5200	114	2112	0.86	\$133.40*
Radeon HD 2400 Pro	114	2113	NA	NA
Quadro FX 560	113	2114	0.76	\$150.25*
Radeon X1950 Pro	112	2115	NA	NA
FirePro 2260	112	2116	NA	NA
GeForce 8600M GT	112	2117	1.04	\$108.10*
GeForce 6800	112	2118	0.20	\$559.29*
Sapphire RADEON X800 GT	112	2119	NA	NA
Intel HD Modded	112	2120	NA	NA
Radeon HD 7290	111	2121	NA	NA
Radeon HD 4200	111	2122	NA	NA
Mobility Radeon HD 3400 Serisi	111	2123	NA	NA
FireGL V7350	110	2124	0.93	\$119.42*
Radeon HD 2600 Pro AGP	110	2125	NA	NA
Radeon HD 4270	109	2126	NA	NA
GeForce 6800 LE	109	2127	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2128	NA	NA
Quadro FX 370 LP	108	2129	NA	NA
Radeon Infoshock 3000	106	2130	NA	NA
Intel Media Accelerator HD	106	2131	NA	NA
Radeon X1950 GT	106	2132	NA	NA
GeForce Go 6800	106	2133	NA	NA
GeForce9400M	105	2134	NA	NA
GeForce GT 320M	105	2135	NA	NA
GeForce 8400M G	105	2136	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9450	104	2137	NA	NA
Mobility Radeon X1700	104	2138	NA	NA
Radeon HD 6290	104	2139	NA	NA
Quadro FX 3400/4400	104	2140	NA	NA
M880G with Mobility Radeon HD 4250	104	2141	NA	NA
Quadro FX 570M	104	2142	NA	NA
GeForce 9500M	103	2143	1.02	\$101.20*
FireGL V3400	103	2144	NA	NA
Quadro FX 370 Low Profile	102	2145	NA	NA
GeForce 6800 GS/XT	102	2146	NA	NA
GeForce 9300 GS	102	2147	1.71	\$59.95*
Mobility Radeon HD 2400 XT	102	2148	NA	NA
Quadro FX Go1400	101	2149	NA	NA
GeForce 8300	101	2150	4.48	\$22.68*
GeForce 9400M	101	2151	NA	NA
Quadro FX 4000	101	2152	NA	NA
GeForce 8400M GS	100	2153	1.29	\$78.20*
Matrox G200e WDDM 2.0	100	2154	NA	NA
GeForce 9300M GS	100	2155	2.30	\$43.42*
Radeon X1600 Pro	98	2156	NA	NA
GeForce 9400	98	2157	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4250	98	2158	NA	NA
Radeon 3000	98	2159	0.31	\$319.00*
Mobility Radeon HD 3430	98	2160	NA	NA
ION LE	97	2161	NA	NA
GeForce 9300GE	97	2162	1.01	\$97.20*
RADEON X800 XT	97	2163	NA	NA
Quadro NVS 130M	97	2164	NA	NA
Mobility Radeon HD serie 4200	96	2165	NA	NA
Radeon HD 3000	95	2166	NA	NA
GeForce 6700 XL	95	2167	NA	NA
MEDION RADEON X740XL	94	2168	NA	NA
Radeon HD 6250	93	2169	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2170	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 295 ▼	93	2171	1.48	\$63.00*
Mobility Radeon HD 3470	93	2172	NA	NA
Quadro FX 370M	93	2173	NA	NA
Mobility Radeon HD 4270	92	2174	NA	NA
M880G with Mobility Radeon HD 4200	92	2175	NA	NA
FireGL V5100	92	2176	0.81	\$114.96*
Mobility Radeon X1600	92	2177	NA	NA
nForce 780a SLI	92	2178	NA	NA
GeForce 8600 GS	91	2179	NA	NA
RADEON X600XT	91	2180	NA	NA
GeForce G205M	91	2181	NA	NA
Mobility Radeon HD 3450	91	2182	NA	NA
Mobility Radeon HD 4200	90	2183	NA	NA
Mobility Radeon HD 2400	89	2184	NA	NA
Matrox G200eW3 WDDM 2.0	89	2185	NA	NA
GeForce 6610 XL	88	2186	NA	NA
Quadro FX 360M	86	2187	NA	NA
GeForce 9300 GE	86	2188	3.77	\$22.99*
GeForce 6600	86	2189	0.33	\$264.00*
Quadro FX 350	85	2190	NA	NA
FireGL V3200	84	2191	NA	NA
Radeon X1650 Pro	84	2192	0.53	\$160.89*
GeForce 9300M G	84	2193	NA	NA
ALL-IN-WONDER X800 GT	84	2194	NA	NA
Radeon X1300 PRO	84	2195	NA	NA
ION	84	2196	0.37	\$229.99*
RADEON X800 GT	84	2197	NA	NA
GeForce 999 GTX	83	2198	NA	NA
Quadro FX 370	83	2199	0.67	\$125.00*
nForce 750a SLI	83	2200	NA	NA
GeForce 7500 LE	82	2201	NA	NA
Radeon HD 3200	82	2202	NA	NA
GeForce 9100	81	2203	NA	NA
RADEON X850 XT Platinum Edition	81	2204	NA	NA
Mobility Radeon X2500	81	2205	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY FireGL V5000	81	2206	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9300 SE	81	2207	NA	NA
nForce 980a/780a SLI	81	2208	NA	NA
GeForce 8400	81	2209	0.14	\$589.99*
RADEON X800 XT Platinum Edition	81	2210	NA	NA
Mobility Radeon 4100	81	2211	NA	NA
RADEON X850 XT	81	2212	NA	NA
Quadro FX 540	80	2213	1.35	\$59.99*
RADEON X800GT	79	2214	NA	NA
GeForce 8100 / nForce 720a	79	2215	NA	NA
GeForce 7300 GS	78	2216	NA	NA
GeForce 7300 LE	78	2217	2.46	\$32.00*
Quadro NVS 140M	78	2218	NA	NA
Radeon HD 2350	76	2219	NA	NA
RADEON X700 PRO	75	2220	NA	NA
M860G with Mobility Radeon 4100	75	2221	NA	NA
Radeon X1650 GTO	74	2222	NA	NA
GeForce 7350 LE	74	2223	NA	NA
FireMV 2450	73	2224	NA	NA
Intel Q35 Express	73	2225	NA	NA
Radeon 3100	73	2226	0.39	\$189.15*
RADEON X800 PRO/GTO	73	2227	NA	NA
Mobility Radeon HD 4300 Serisi	73	2228	NA	NA
RADEON X850 PRO	72	2229	NA	NA
RADEON X700	72	2230	NA	NA
FireGL V7100	71	2231	0.22	\$328.67*
MEDION RADEON 9800 XXL	71	2232	NA	NA
M880G with Mobility Radeon HD 4225	71	2233	NA	NA
RADEON X700 SE	71	2234	NA	NA
Radeon X1650 SE	71	2235	NA	NA
Radeon X550XTX	70	2236	NA	NA
FireGL V3300	70	2237	NA	NA
GeForce 8600M GS	70	2238	NA	NA
Quadro NVS 150M	70	2239	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Diamond X1300-PCIE 256MB	70	2240	NA	NA
BASICDISPLAY	69	2241	NA	NA
GeForce Go 6600	69	2242	NA	NA
RADEON X800 XL	69	2243	NA	NA
Radeon X1600 Pro / X1300XT	69	2244	NA	NA
Quadro FX 3000	69	2245	0.41	\$166.61*
FireGL V3350	68	2246	NA	NA
GeForce 8400 SE	68	2247	NA	NA
GeForce 9100M G	68	2248	NA	NA
Intel G45/G43/G41 Express Chipset	67	2249	NA	NA
Matrox G200eR WDDM 2.0	67	2250	NA	NA
GeForce 9400M G	67	2251	NA	NA
RADEON X600 PRO	67	2252	0.42	\$160.49*
Quadro NVS 450	66	2253	0.15	\$435.71
MOBILITY RADEON X700	66	2254	NA	NA
GeForce 8400M GT	66	2255	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1550	66	2256	0.43	\$155.00*
Mobility Radeon HD 4225	66	2257	NA	NA
GeForce Go 7400	65	2258	NA	NA
RADEON X800 PRO	64	2259	NA	NA
Quadro FX 550	63	2260	0.22	\$287.82*
GeForce G 105M	62	2261	NA	NA
Mobility Radeon HD 3410	62	2262	NA	NA
Intel HD manual-15.28-1861	62	2263	NA	NA
GeForce G 103M	62	2264	NA	NA
MOBILITY FireGL V3200	62	2265	NA	NA
SAPPHIRE Radeon X1550	61	2266	NA	NA
MOBILITY RADEON X700 XL	59	2267	NA	NA
Radeon 2100	59	2268	0.31	\$190.99*
RADEON 9800 PRO	59	2269	NA	NA
Matrox G200e WDDM 1.2	59	2270	NA	NA
GeForce FX 5950 Ultra	59	2271	NA	NA
FireGL X1	59	2272	NA	NA
GeForce 6800 XE	58	2273	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1300	58	2274	0.61	\$95.78*
GeForce 8200M G	58	2275	NA	NA
Intel - Express Chipset Q45/Q43	57	2276	NA	NA
RADEON 9800	57	2277	0.18	\$325.00*
Intel G41 Express-Chipsatz	57	2278	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2279	NA	NA
RADEON 9800 XT	56	2280	NA	NA
Intel - Express Chipset G41	56	2281	NA	NA
RADEON X600 256MB HyperMemory	56	2282	NA	NA
RADEON X550XT	56	2283	NA	NA
RADEON 9700 PRO	53	2284	NA	NA
GeForce 6200 TurboCache	53	2285	NA	NA
FireGL V3100	52	2286	NA	NA
Radeon Xpress 1300	52	2287	NA	NA
GeForce Go 7300	52	2288	NA	NA
Matrox G200eh WDDM 1.2	51	2289	NA	NA
RADEON E2400	51	2290	NA	NA
GeForce FX Go5700	51	2291	NA	NA
GeForce 6600 LE	51	2292	NA	NA
GeForce 7100 GS	51	2293	NA	NA
FirePro 2450	51	2294	0.57	\$89.99*
RADEON X550	50	2295	NA	NA
Mobility Radeon HD 2300	50	2296	NA	NA
Quadro NVS 135M	50	2297	NA	NA
MOBILITY RADEON X600	50	2298	NA	NA
Matrox G200eW WDDM 1.2	50	2299	NA	NA
Radeon X1600	49	2300	NA	NA
MOBILITY RADEON X600 SE	49	2301	NA	NA
Radeon X1050	49	2302	NA	NA
RADEON X600 SE	49	2303	0.87	\$56.18*
Mobility Radeon X2300 HD	48	2304	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon X2300	48	2305	NA	NA
Radeon X1550 64-bit	47	2306	NA	NA
Quadro NVS 110M	47	2307	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7300 SE/7200 GS	47	2308	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2309	NA	NA
Quadro NVS 120M	46	2310	NA	NA
Mobile Intel 965 Express	46	2311	NA	NA
Matrox G200eh WDDM 2.0	46	2312	NA	NA
MOBILITY RADEON 9800	46	2313	NA	NA
FireMV 2250	45	2314	0.44	\$104.00*
Matrox G200eR WDDM 1.2	45	2315	NA	NA
GeForce Go 7200	45	2316	NA	NA
MOBILITY FireGL V5200	44	2317	NA	NA
GeForce Go 6600 TE/6200 TE	44	2318	NA	NA
Quadro FX 350M	44	2319	NA	NA
Mobile Intel serie 4 Express	44	2320	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2321	NA	NA
Radeon 9700 TX w/TV-Out	44	2322	NA	NA
Intel G33/G31 Express	43	2323	NA	NA
Mobility Radeon X1400	42	2324	NA	NA
RADEON 9600 PRO	42	2325	NA	NA
Radeon Xpress 1250	42	2326	NA	NA
Matrox M9138 LP PCIe x16	42	2327	NA	NA
Quadro NVS 285	42	2328	0.25	\$169.86*
GeForce 7100 / nForce 630i	41	2329	NA	NA
RADEON 9500 PRO / 9700	41	2330	NA	NA
Mobile Intel 45 Express	41	2331	NA	NA
GeForce 7050 / nForce 620i	41	2332	NA	NA
GeForce FX 5900 Ultra	41	2333	NA	NA
GeForce FX 5700	40	2334	NA	NA
MOBILITY FIREGL T2	40	2335	NA	NA
Matrox G200eh	40	2336	NA	NA
Radeon Xpress 1300M	40	2337	NA	NA
Matrox M9148 LP PCIe x16	40	2338	NA	NA
GeForce FX 5900XT	40	2339	NA	NA
Mobility Radeon X1350	39	2340	NA	NA
Matrox G200eW	39	2341	NA	NA
Mobility Radeon X1300	39	2342	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	2343	NA	NA
MOBILITY RADEON 9600/9700	39	2344	NA	NA
GeForce 7300 SE	39	2345	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2346	NA	NA
GeForce 6500	38	2347	NA	NA
Quadro NVS 285 128MB	38	2348	0.70	\$55.00*
RADEON X300SE	38	2349	NA	NA
GeForce 7050 / nForce 630i	37	2350	NA	NA
256MB DDR Radeon 9800 XT	37	2351	NA	NA
Quadro NVS 440	37	2352	0.16	\$228.87*
GeForce 6200	37	2353	0.71	\$53.17*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1250	37	2354	NA	NA
GeForce 6200SE TurboCache	37	2355	NA	NA
Matrox G200eR	36	2356	NA	NA
CONNECT 3D RADEON X300	36	2357	NA	NA
RADEON 9500	36	2358	0.90	\$40.50*
FireMV 2200 PCIe	36	2359	0.40	\$89.99*
MOBILITY RADEON 9600	36	2360	NA	NA
Quadro FX 1100	35	2361	0.17	\$212.99*
Radeon Xpress 1200	35	2362	NA	NA
RADEON 9600 XT	35	2363	NA	NA
GeForce PCX 5750	34	2364	NA	NA
RADEON 9550	34	2365	0.12	\$291.74*
GeForce FX 5900	34	2366	NA	NA
Quadro FX 1300	34	2367	NA	NA
Quadro FX 1000	34	2368	NA	NA
GeForce FX 5700 Ultra	34	2369	NA	NA
GeForce PCX 5900	34	2370	NA	NA
Radeon Xpress 1100	34	2371	NA	NA
MOBILITY RADEON X300	33	2372	NA	NA
MOBILITY FIREGL T2/T2e	33	2373	NA	NA
S3 Chrome S27 DDR3	33	2374	NA	NA
GeForce 6150 LE	33	2375	NA	NA
Mobility Radeon X1450	33	2376	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5700VE	33	2377	NA	NA
GeForce 7150 / nForce 630i	33	2378	NA	NA
Intel Media Accelerator	32	2379	NA	NA
GeForce 6200 LE	32	2380	0.80	\$41.24*
GeForce 7025 / nForce 630a	32	2381	NA	NA
GeForce FX 5900ZT	32	2382	NA	NA
Radeon X1200	32	2383	NA	NA
GeForce 6200 A-LE	32	2384	NA	NA
Matrox M9128 LP PCIe x16	31	2385	NA	NA
Red Hat QXL controller	31	2386	NA	NA
GeForce 7050 PV / nForce 630a	31	2387	NA	NA
Radeon X1270	31	2388	NA	NA
GeForce 6150SE nForce 430	30	2389	NA	NA
FireGL T2-128	30	2390	NA	NA
MOBILITY RADEON 9550	30	2391	NA	NA
All-in-Wonder X1800XL	30	2392	NA	NA
Radeon Xpress 1150	29	2393	NA	NA
RADEON XPRESS 200	29	2394	NA	NA
Radeon 9550 / X1050	29	2395	NA	NA
MOBILITY RADEON 9700	27	2396	NA	NA
MOBILITY FireGL V5250	27	2397	NA	NA
RADEON 9600SE	27	2398	NA	NA
GeForce 6100	27	2399	NA	NA
MOBILITY RADEON XPRESS 200	27	2400	NA	NA
GeForce 6100 nForce 405	26	2401	NA	NA
RADEON 9600 PRO Family	26	2402	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Xpress 1270	26	2403	NA	NA
GeForce 7100 / nForce 620i	26	2404	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2405	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2406	NA	NA
GeForce 7050 / nForce 610i	25	2407	NA	NA
Matrox M9125 PCIe x16	25	2408	NA	NA
GeForce 6100 nForce 420	25	2409	NA	NA
GeForce 6100 nForce 400	25	2410	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9600 Family	25	2411	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2412	NA	NA
GeForce 6150SE	24	2413	NA	NA
GeForce FX 5700LE	24	2414	NA	NA
GeForce Go 6400	24	2415	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2416	NA	NA
Quadro NVS 210S	23	2417	NA	NA
RADEON 9800 SE	23	2418	NA	NA
Matrox M9140 LP PCIe x16	23	2419	NA	NA
ALL-IN-WONDER 9800	23	2420	NA	NA
GeForce 7200 GS	23	2421	NA	NA
GeForce 6100 nForce 430	23	2422	NA	NA
RADEON A9800XT	22	2423	NA	NA
RADEON XPRESS 200M	22	2424	NA	NA
GeForce 6150	21	2425	0.07	\$329.00*
Quadro NVS 210S / GeForce 6150LE	20	2426	NA	NA
PHDGD Solo 2 x64	20	2427	NA	NA
Matrox M9120 PCIe x16	19	2428	NA	NA
GeForce Go 6150	19	2429	NA	NA
QXL KMDOD	18	2430	NA	NA
S3 Chrome S25 DDR2	18	2431	NA	NA
RADEON 9600 TX Family	18	2432	NA	NA
GeForce 7150M / nForce 630M	18	2433	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2434	NA	NA
Quadro FX 2000	18	2435	NA	NA
GeForce Go 6100	17	2436	NA	NA
GeForce FX Go 5600	17	2437	NA	NA
Mobile Intel965 Express	17	2438	NA	NA
GeForce FX 5600 Ultra	17	2439	NA	NA
GeForce FX Go5650	16	2440	NA	NA
GRID V100-8Q	16	2441	NA	NA
NV44	15	2442	NA	NA
GeForce Go 6200	15	2443	NA	NA
Quadro FX 500/600 PCI	14	2444	NA	NA
Radeon HD 2400 PCI	14	2445	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7000M	13	2446	NA	NA
GeForce 7000M / nForce 610M	12	2447	NA	NA
GeForce FX 5600	12	2448	NA	NA
GeForce FX Go5300	12	2449	NA	NA
GeForce FX 5200 Ultra	12	2450	NA	NA
GeForce FX 5200SE	11	2451	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireMV 2400 PCIe	11	2452	NA	NA
RGH Drivers v3	11	2453	NA	NA
PHDGD Solo 1.2.0 x86	11	2454	NA	NA
Intel 82945G Express	10	2455	NA	NA
Master X3100 Driver	10	2456	NA	NA
MOBILITY IGP 9000/9100	10	2457	NA	NA
Matrox Parhelia 256MB	9	2458	NA	NA
VIA Chrome9 HD IGP	9	2459	NA	NA
ASUS A7000	9	2460	NA	NA
GeForce FX 5600XT	9	2461	NA	NA
GeCube RADEON 7000	8	2462	NA	NA
GeForce FX Go 5200	8	2463	NA	NA
Intel Q35 Embedded	8	2464	NA	NA
GeForce FX 5500	8	2465	0.05	\$153.97*
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2466	NA	NA
Quadro NVS 280 PCI	8	2467	0.06	\$130.00*
Intel 82945G Express-Chipsatzfamilie	8	2468	NA	NA
MOBILITY RADEON 9000 IGP	7	2469	NA	NA
GeForce FX 5100	7	2470	NA	NA
ASUS V9520-X V62.11	7	2471	NA	NA
Intel Q33 Express	7	2472	NA	NA
Quadro FX 500/FX 600	7	2473	NA	NA
GeForce FX 5200	7	2474	0.06	\$129.00*
Intel US15 Embedded Media and Controller	7	2475	NA	NA
GeForce4 Ti 4400	7	2476	NA	NA
GeForce FX 5200LE	7	2477	0.16	\$42.99*
Intel Media Accelerator 600	6	2478	NA	NA
GeForce4 Ti 4800 SE	6	2479	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox Millennium P690 Plus LP PCIe x16	6	2480	NA	NA
Quadro4 380 XGL	6	2481	NA	NA
RADEON 8500 Family	6	2482	NA	NA
GeForce4 MX Integrated GPU	6	2483	NA	NA
V9560XT	6	2484	NA	NA
GeForce2 Ultra	6	2485	NA	NA
MOBILITY RADEON 7000 IGP	6	2486	NA	NA
GeForce PCX 5300	6	2487	NA	NA
RADEON 9100 Family	6	2488	NA	NA
Quadro NVS 55/280 PCI	6	2489	NA	NA

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