Video Card

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

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

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4090	38658	1	22.48	$1,719.99
GeForce RTX 4090 D	36158	2	NA	NA
GeForce RTX 4080	34626	3	28.86	$1,199.99
GeForce RTX 4080 SUPER	34213	4	34.21	$999.99
GeForce RTX 4070 Ti	31775	5	43.53	$729.99
GeForce RTX 4070 Ti SUPER	31633	6	39.99	$790.99
Radeon RX 7900 XTX	30913	7	33.24	$929.99
GeForce RTX 4070 SUPER	29992	8	51.27	$584.99
RTX 4500 Ada Generation	29955	9	NA	NA
GeForce RTX 3090 Ti	29769	10	14.25	$2,089.29
Radeon PRO W7900	29205	11	NA	NA
Radeon PRO W7800	29070	12	NA	NA
Radeon RX 7900 XT	28795	13	41.73	$689.99

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4090 Laptop GPU	28052	16	NA	NA
GeForce RTX 3080 Ti	27184	17	22.11	$1,229.27
GeForce RTX 4070	27005	18	49.55	$544.99
Radeon RX 6900 XT	26859	19	17.79	$1,509.67
GeForce RTX 3090	26796	20	15.85	$1,690.45
GeForce RTX 3080 12GB	26691	21	NA	NA
Radeon RX 7900 GRE	26505	22	53.01	$499.99
GeForce RTX 4080 Laptop GPU	25525	23	NA	NA
RTX 4000 Ada Generation	25506	24	NA	NA
GeForce RTX 3080	25291	25	37.19	$679.99
Radeon RX 6800 XT	25037	26	29.99	$834.99*
RTX 5000 Ada Generation	24507	27	NA	NA
RTX 5000 Ada Generation Laptop GPU	24224	28	NA	NA
Radeon RX 7800 XT	24019	29	49.63	$484.00
GeForce RTX 3070 Ti	23655	30	47.31	$499.99
RTX 4000 Ada Generation Laptop GPU	23454	31	NA	NA
GeForce RTX 4060 Ti 16GB	22916	32	52.09	$439.99
GeForce RTX 4060 Ti	22910	33	61.10	$374.99
RTX A5000	22782	34	10.22	$2,229.99*
RTX A6000	22772	35	5.54	$4,109.99*
GeForce RTX 3070	22392	36	45.70	$489.99
Radeon RX 6800	22310	37	60.30	$369.99
Radeon RX 7700 XT	22183	38	55.46	$399.99
NVIDIA A10	22064	39	NA	NA
Radeon RX 7900M	22033	40	NA	NA
GRID RTX6000-6Q	21986	41	NA	NA
RTX A4500	21791	42	20.18	$1,079.99*
GeForce RTX 2080 Ti	21781	43	15.56	$1,399.99*
Radeon 610M Ryzen 9 7845HX	21622	44	NA	NA
RTX A5500	21494	45	9.91	$2,169.99*
RTX 4000 SFF Ada Generation	21351	46	NA	NA
Radeon PRO W7700	21048	47	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
TITAN RTX	20059	51	8.03	$2,499.00*
GeForce RTX 3080 Ti Laptop GPU	19908	52	NA	NA
TITAN V	19883	53	9.94	$1,999.99*
Radeon RX 6700 XT	19877	54	25.25	$787.16
Quadro GV100	19824	55	2.20	$8,999.00*
Radeon PRO W6800	19787	56	10.70	$1,849.99*
GeForce RTX 4070 Laptop GPU	19689	57	NA	NA
RTX 3500 Ada Generation Laptop GPU	19667	58	NA	NA
GeForce RTX 2080 SUPER	19579	59	28.59	$684.86*
GeForce RTX 4060	19554	60	66.74	$293.00
Quadro RTX 8000	19480	61	4.11	$4,741.49*
RTX A4000	19412	62	25.88	$749.99*
TITAN Xp COLLECTORS EDITION	19049	63	NA	NA
Radeon RX 6700	18943	64	NA	NA
GeForce RTX 2080	18804	65	23.49	$800.61*
Quadro RTX 6000	18789	66	2.98	$6,300.00*
GeForce GTX 1080 Ti	18560	67	38.36	$483.82*
Radeon RX 6750 GRE 12GB	18538	68	NA	NA
NVIDIA TITAN Xp	18489	69	11.24	$1,645.00*
NVIDIA A10G	18487	70	NA	NA
GeForce RTX 2070 SUPER	18251	71	33.19	$549.99
GeForce RTX 3070 Ti Laptop GPU	18102	72	NA	NA
Radeon PRO W7600	17905	73	NA	NA
GeForce RTX 4060 Laptop GPU	17705	74	NA	NA
RTX A4500 Laptop GPU	17594	75	NA	NA
Radeon RX 7600 XT	17488	77	57.39	$304.75
RTX A5500 Laptop GPU	17488	76	NA	NA
RTX 2000 Ada Generation	17474	78	NA	NA
Radeon RX 6650 XT	17288	79	40.42	$427.71
Radeon RX 6850M XT	17191	80	NA	NA
GeForce RTX 3060 12GB	17051	81	61.13	$278.95

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

Video Card

Radeon RX 5700 XT 50th Anniversary	16602	85	NA	NA
GeForce RTX 2060 SUPER	16562	86	39.82	$415.98*
Radeon RX 6600 XT	16482	87	68.68	$239.99
GeForce RTX 3080 Laptop GPU	16481	88	NA	NA
Quadro GP100	16374	89	NA	NA
Radeon RX 7600	16305	90	63.95	$254.99
GeForce RTX 2070	16172	91	41.53	$389.46*
Quadro RTX 5000	16003	92	NA	NA
RTX A5000 Laptop GPU	15984	93	NA	NA
GeForce RTX 2060 12GB	15889	94	NA	NA
RTX 3000 Ada Generation Laptop GPU	15855	95	NA	NA
Radeon PRO W6600	15820	96	NA	NA
Radeon RX 7700S	15630	97	NA	NA
Radeon Pro Vega II	15596	98	NA	NA
GeForce GTX 1080	15533	99	35.08	$442.79*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce RTX 3070 Laptop GPU	15497	100	NA	NA
Radeon RX 6800S	15459	101	NA	NA
RTX 2000 Ada Generation Laptop GPU	15430	102	NA	NA
RTX A4000 Laptop GPU	15416	103	NA	NA
Quadro RTX 4000	15394	104	17.12	$899.00*
GeForce RTX 3060 8GB	15379	105	NA	NA
Radeon Pro W5700	15193	106	23.37	$649.99*
Quadro P6000	15132	107	4.66	$3,250.00*
Radeon RX 6600	15131	108	79.65	$189.99
GeForce RTX 2080 (Mobile)	15107	109	NA	NA
Radeon RX 6650M	14930	110	NA	NA
Radeon RX 6700S	14922	111	53.30	$279.99
Quadro RTX 5000 (Mobile)	14832	112	NA	NA
GeForce GTX 1070 Ti	14693	113	25.78	$569.99*
Radeon PRO W7500	14677	114	NA	NA
NVIDIA A40	14664	115	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 64	14373	119	19.17	$749.99
GeForce RTX 2060	14148	120	52.60	$269.00
Radeon RX 7600S	14103	121	NA	NA
Radeon Pro WX 8200	13931	122	8.71	$1,599.39*
RadeonT RX 6850M XT	13847	123	NA	NA
GeForce RTX 2070 Super with Max-Q Design	13842	124	NA	NA
GeForce GTX 980 Ti	13812	125	17.74	$778.69*
GeForce RTX 2080 Super with Max-Q Design	13801	126	NA	NA
RTX A2000	13767	127	18.94	$726.99*
RTX A2000 12GB	13717	128	NA	NA
Radeon RX 6600S	13678	129	NA	NA
Radeon RX 5600 XT	13669	130	25.08	$545.00*
NVIDIA TITAN X	13659	131	22.46	$608.10*
Quadro RTX 5000 with Max-Q Design	13641	132	NA	NA
Radeon RX 6600M	13620	133	68.11	$199.99*
GeForce GTX 1070	13513	134	25.50	$529.99*
Radeon RX 6700M	13453	135	49.83	$269.99*
GeForce RTX 3060 Laptop GPU	13375	136	43.15	$309.99*
Radeon Vega Frontier Edition	13326	137	7.93	$1,679.99*
Radeon RX 6800M	13295	138	NA	NA
Radeon RX Vega 56	13268	139	17.62	$752.99*
RTX 1000 Ada Generation Laptop GPU	13192	140	NA	NA
GeForce RTX 2080 with Max-Q Design	13170	141	6.27	$2,099.99*
Intel Arc A770	13156	142	43.86	$299.99
Radeon PRO W6600X	13113	143	NA	NA
GeForce GTX TITAN X	13038	144	11.89	$1,096.99*
Radeon Pro Vega 64	12984	145	NA	NA
GeForce GTX 1660 Ti	12928	146	39.14	$330.34
GeForce RTX 3050 8GB	12873	147	71.52	$179.99
GeForce GTX 1660 SUPER	12773	148	58.06	$219.99
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Pro VII	12728	149	NA	NA

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

Video Card

Tesla V100-PCIE-16GB	12652	153	NA	NA
Quadro RTX 4000 with Max-Q Design	12627	154	NA	NA
Radeon Pro 5700 XT	12613	155	NA	NA
RTX A3000 Laptop GPU	12549	156	NA	NA
Radeon Pro WX 9100	12528	157	NA	NA
Quadro P5000	12422	158	6.65	$1,868.99*
Quadro P5200 with Max-Q Design	12355	159	NA	NA
GeForce RTX 2070 (Mobile)	12354	160	NA	NA
Radeon Pro Vega 56	12353	161	NA	NA
Quadro P5200	12286	162	NA	NA
Radeon RX 6850M	12274	163	NA	NA
Radeon Pro V520 MxGPU	12257	164	NA	NA
GeForce RTX 3050 OEM	12023	165	NA	NA
Radeon RX 5600 OEM	12004	166	NA	NA
Intel Arc A750	11928	167	59.65	$199.99
Quadro M6000 24GB	11890	168	NA	NA
Radeon Pro 5700	11844	169	NA	NA
Quadro M6000	11792	170	2.44	$4,827.53*
GeForce RTX 2070 with Max-Q Design	11736	171	NA	NA
Intel Arc A770M	11711	172	NA	NA
GeForce GTX 1660	11692	173	40.17	$291.07
Quadro P4000	11650	174	20.95	$556.19*
Radeon RX 7600M XT	11629	175	NA	NA
Radeon RX 5600	11587	176	NA	NA
GeForce GTX 1080 with Max-Q Design	11583	177	NA	NA
Intel Arc A580	11554	178	72.22	$159.99
Quadro P4200 with Max-Q Design	11446	179	NA	NA
RTX A1000 Embedded GPU	11368	180	NA	NA
GeForce RTX 2060 (Mobile)	11354	181	NA	NA
Radeon Pro Vega 48	11299	182	NA	NA
Quadro RTX 3000	11179	183	NA	NA
GeForce GTX 980	11125	184	44.98	$247.35*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla T4	10832	188	2.45	$4,420.46
GeForce RTX 3050 6GB	10823	189	NA	NA
Quadro P4200	10685	190	NA	NA
Intel Arc A730M	10487	191	NA	NA
GeForce GTX 1070 (Mobile)	10465	192	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10447	193	NA	NA
Tesla M40 24GB	10417	194	NA	NA
Tesla M40	10376	195	17.29	$600.00*
RTX 500 Ada Generation Laptop GPU	10219	196	NA	NA
GeForce GTX 1660 Ti (Mobile)	10200	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3050 Ti Laptop GPU	10160	198	NA	NA
GeForce GTX 1650 SUPER	10153	199	33.72	$301.08
RTX A1000 6GB Laptop GPU	10134	200	NA	NA
GeForce GTX 1060	10073	201	35.98	$279.99*
Radeon R9 Fury X	10010	202	NA	NA
RTX A2000 Laptop GPU	9957	203	NA	NA
GeForce GTX 1070 with Max-Q Design	9894	204	NA	NA
GRID P40-2B	9842	205	NA	NA
GeForce RTX 2060 with Max-Q Design	9765	206	NA	NA
GeForce GTX 1060 3GB	9760	207	41.45	$235.47*
Radeon R9 Fury + Fury X	9741	208	21.65	$449.99*
GeForce GTX 970	9644	209	40.53	$237.99*
Radeon R9 Fury	9592	210	21.65	$443.10*
Radeon RX 6500 XT	9534	211	50.18	$189.99
GeForce GTX 780 Ti	9516	212	27.99	$339.99*
Parsec Virtual Display Adapter	9458	213	NA	NA
GeForce RTX 3050 Laptop GPU	9457	214	35.03	$269.99*
RTX A1000 Laptop GPU	9456	215	NA	NA
Radeon R9 390X	9439	216	NA	NA
Radeon RX 590	9416	217	17.12	$549.99*
Quadro M5000	9412	218	18.86	$499.00*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P3200 with Max-Q Design	9241	222	NA	NA
Radeon RX 5500 XT	9159	223	50.52	$181.29*
Radeon Pro W5500	9120	224	22.24	$409.99*
Quadro P4000 with Max-Q Design	9082	225	NA	NA
GeForce GTX 1060 5GB	9058	226	18.56	$487.99*
GeForce GTX TITAN Z	8986	227	5.93	$1,515.00*
GeForce GTX TITAN Black	8939	228	17.03	$524.99*
Radeon R9 390	8926	229	NA	NA
Quadro P3200	8904	230	22.87	$389.30*
Radeon RX 580	8874	231	49.31	$179.99*
Radeon RX 5500	8814	232	NA	NA
Tesla P4	8767	233	NA	NA
GRID P40-24Q	8719	234	NA	NA
Radeon RX 5600M	8705	235	NA	NA
Radeon R9 295X2	8638	236	17.31	$499.10*
Radeon R9 290X	8627	237	NA	NA
Radeon RX 480	8623	238	25.36	$339.99*
GeForce GTX 1660 Ti with Max-Q Design	8616	239	NA	NA
Radeon RX590 GME	8580	240	NA	NA
GRID RTX6000-1B	8473	241	NA	NA
Radeon R9 290X / 390X	8389	242	26.22	$319.99*
Ryzen 5 4600HS with Radeon Graphics	8370	243	NA	NA
Radeon Pro 5500 XT	8358	244	NA	NA
Quadro RTX 3000 with Max-Q Design	8349	245	NA	NA
Radeon R9 290	8310	246	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce GTX Titan	8189	247	10.99	$745.00*
Radeon Pro Duo	8164	248	2.06	$3,970.36*
GeForce GTX 1060 (Mobile)	8160	249	NA	NA
Radeon R9 290 / 390	8150	250	21.45	$380.00*
CMP 30HX	8135	251	NA	NA
Quadro K6000	8052	252	38.23	$210.66*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon PRO W6400	7988	256	NA	NA
FirePro W9100	7986	257	4.62	$1,729.99*
Quadro M5500	7915	258	NA	NA
Radeon Pro WX 7100	7898	259	7.54	$1,047.99*
GeForce GTX 1060 with Max-Q Design	7896	260	NA	NA
GeForce GTX 1650	7879	261	56.28	$139.99
T1200 Laptop GPU	7862	262	NA	NA
Radeon RX 6500M	7851	263	NA	NA
Radeon RX 580X	7798	264	NA	NA
Radeon Pro 580	7753	265	NA	NA
Radeon RX 580 2048SP	7701	266	NA	NA
T1000	7674	267	16.66	$460.49
GeForce RTX 2050	7648	268	NA	NA
Radeon RX 5300	7641	269	NA	NA
T1000 8GB	7597	270	NA	NA
Radeon RX 6500	7593	271	NA	NA
GeForce GTX 1650 Ti	7565	272	NA	NA
Tesla M60	7551	273	9.58	$787.90*
Radeon RX 6400	7546	274	47.76	$157.99*
Radeon Pro 580X	7540	275	NA	NA
GRID P40-8Q	7432	276	NA	NA
Ryzen 9 4900HS with Radeon Graphics	7418	277	NA	NA
Radeon Ryzen 9 6900HS	7384	278	NA	NA
GeForce GTX 980M	7350	280	25.35	$289.99*
Radeon Pro W5500X	7350	279	NA	NA
FirePro W8100	7279	281	10.34	$704.00*
Tesla P100-PCIE-16GB	7225	282	NA	NA
Quadro T2000	7155	283	13.54	$528.35*
Radeon Pro 5300	7143	284	NA	NA
Radeon 780M	7100	285	NA	NA
RadeonT 780M	7052	286	NA	NA
A10-8Q	7041	287	NA	NA

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

Video Card

Quadro P2000	6955	291	15.77	$439.60
Quadro M5000M	6913	292	12.64	$546.92*
GeForce RTX 3050 4GB Laptop GPU	6877	293	NA	NA
GRID P4-4Q	6843	294	NA	NA
Radeon Pro 5500M	6819	295	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
CMP 40HX	6778	296	NA	NA
RTX A500 Laptop GPU	6765	297	NA	NA
GRID P4-8Q	6733	298	NA	NA
Quadro T1000 with Max-Q Design	6719	299	NA	NA
Radeon Pro WX 7130	6715	300	NA	NA
GeForce GTX 970XM FORCE	6706	301	NA	NA
Quadro M4000	6685	302	18.47	$362.00*
Ryzen 7 6800HS with Radeon Graphics	6677	303	NA	NA
Quadro P3000	6579	304	NA	NA
Radeon RX Vega M GH	6567	305	NA	NA
Quadro T1000	6551	306	16.42	$399.00
AMD Ryzen Z1 Extreme	6500	307	NA	NA
T600	6470	308	26.96	$239.99*
GeForce GTX 1650 Ti with Max-Q Design	6423	309	NA	NA
P106-100	6399	310	NA	NA
Radeon Pro 570	6336	311	NA	NA
GeForce GTX 1050 Ti	6316	312	14.43	$437.84
Tesla M6	6284	313	31.58	$199.00*
Intel Arc A380	6242	314	52.02	$119.99*
Intel Arc A530M	6237	315	NA	NA
Radeon Ryzen 7 6800HS	6228	316	NA	NA
Quadro M4000M	6208	317	24.36	$254.91*
Radeon R9 380X	6194	318	17.70	$349.99*
Radeon R9 280X	6192	319	NA	NA
Radeon 680M Ryzen 7 7735HS	6166	320	NA	NA
GeForce GTX 1650 with Max-Q Design	6163	321	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 960	6069	325	35.29	$172.00
Quadro K5200	6041	326	14.56	$415.00*
Radeon Pro 5300M	5963	327	NA	NA
GRID P100-16Q	5944	328	NA	NA
Radeon 760M	5943	329	NA	NA
GeForce MX570 A	5934	330	NA	NA
GeForce GTX 770	5931	331	23.82	$249.00*
GeForce GTX 1050 Ti (Mobile)	5918	332	NA	NA
Radeon PRO W6300	5897	333	NA	NA
Tesla K80	5852	334	9.85	$593.95*
Matrox LUMA A380P	5805	335	NA	NA
Radeon RX 6300	5802	336	NA	NA
Radeon Ryzen 7 7736U	5791	337	NA	NA
Radeon Ryzen 7 PRO 6850H	5767	338	NA	NA
Ryzen 9 PRO 6950H	5758	339	NA	NA
GeForce MX570	5749	340	NA	NA
GeForce GTX 970M	5737	341	27.32	$209.99*
Radeon PRO Ryzen 7 PRO 6850U	5707	342	NA	NA
Intel Arc A310	5662	343	51.48	$109.99
RadeonT 680M Ryzen 7 7735HS	5650	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon TM	5626	345	NA	NA
A16	5597	346	NA	NA
GeForce GTX 690	5590	347	19.90	$280.99*
Ryzen 7 PRO 6850U	5580	348	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5570	349	NA	NA
Radeon Pro WX 5100	5567	350	15.47	$359.99*
Radeon HD 7990	5565	351	13.91	$399.99*
Radeon R9 280	5561	352	NA	NA
GeForce GTX 680	5552	353	13.92	$399.00*
Radeon R9 285 / 380	5549	354	11.44	$485.00*
Quadro M3000M	5526	355	34.55	$159.95*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 760 Ti OEM	5427	359	NA	NA
Radeon Ryzen 7 7735HS	5397	360	NA	NA
Ryzen 7 6800HS Creator Edition	5382	361	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5371	362	NA	NA
Ryzen 9 6900HX with Radeon Graphics	5367	363	NA	NA
GRID P40-4Q	5364	364	NA	NA
Quadro P2000 with Max-Q Design	5337	365	NA	NA
GeForce GTX 950	5336	366	37.59	$141.99*
Radeon Ryzen 7 6800H	5336	367	NA	NA
GeForce GTX 670	5331	368	27.49	$193.98*
FirePro W7100	5313	369	13.65	$389.30*
Radeon Pro Vega 20	5299	370	NA	NA
Radeon HD 7970 / R9 280X	5247	371	21.25	$246.99*
Ryzen 7 6800H	5247	372	NA	NA
GeForce GTX 760 Ti	5240	373	17.62	$297.50*
Ryzen 7 6800HS	5237	374	NA	NA
Radeon Eng Sample: 100-000000550-40_Y	5223	375	NA	NA
Radeon Ryzen 7 7735U	5217	376	NA	NA
Ryzen 7 7735U with Radeon Graphics	5215	377	NA	NA
Radeon HD 8990	5214	378	NA	NA
GRID M60-2Q	5203	379	NA	NA
Radeon R9 M395X	5194	380	NA	NA
Radeon Ryzen 7 PRO 6850U	5183	381	NA	NA
Q12U-1	5164	382	NA	NA
Radeon R9 M295X	5150	383	3.55	$1,449.00*
GeForce GTX 1050 3GB	5129	384	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5127	385	NA	NA
Intel Arc A370M	5115	387	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5115	386	NA	NA
Ryzen 7 PRO 6860Z	5076	388	NA	NA
Intel Arc	5071	389	NA	NA
FirePro S9000	5059	390	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Radeon Ryzen 7 PRO 6850HS	5038	394	NA	NA
Ryzen 7 6800U	5006	395	NA	NA
GeForce GTX 1630	4993	396	26.28	$189.99*
Radeon Instinct MI25 MxGPU	4978	397	NA	NA
Radeon R9 M395	4949	398	NA	NA
Barco MXRT 7600	4943	399	8.20	$602.59*
FirePro S9050	4901	400	NA	NA
Radeon R9 270X	4888	401	14.97	$326.50*
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	402	NA	NA
T550 Laptop GPU	4845	403	NA	NA
GRID P40-2Q	4843	404	NA	NA
Ryzen 7 6800U with Radeon Graphics	4829	405	NA	NA
Radeon Pro Vega 16	4809	406	NA	NA
Ryzen 7 6800H with Radeon Graphics	4801	407	NA	NA
GeForce GTX 760	4793	408	32.17	$149.00*
GRID RTX6000P-6Q	4777	409	NA	NA
FirePro S10000	4768	410	NA	NA
Radeon HD 7950 / R9 280	4764	411	36.04	$132.20*
Radeon Sky 500	4763	412	NA	NA
Radeon Eng Sample: 100-000000560-40_Y	4749	413	NA	NA
Radeon R9 370	4722	414	29.51	$159.99*
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	415	NA	NA
Radeon Pro WX Vega M GL	4643	416	NA	NA
Radeon HD 7870	4638	417	26.35	$176.00*
Radeon Ryzen 7 PRO 6860Z	4594	418	NA	NA
GeForce MX550	4575	419	NA	NA
Radeon Ryzen 7 6800U	4570	420	NA	NA
GeForce GTX 580	4565	421	32.63	$139.92*
B8DKMDAP	4557	422	NA	NA
Radeon Pro 465	4537	424	NA	NA
Radeon Ryzen 7 Pro 7735U	4537	423	NA	NA

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

Video Card

Tesla K40c	4494	428	NA	NA
Radeon HD 7870 XT	4469	429	NA	NA
GeForce GTX 1050 (Mobile)	4461	430	NA	NA
GRID M60-1B	4456	431	NA	NA
Quadro P1000	4453	432	15.36	$289.99*
Tesla K20m	4432	433	NA	NA
GRID P6-4Q	4429	434	NA	NA
GeForce GTX 660 Ti	4412	435	30.64	$144.00*
FirePro W7000 Adapter	4359	436	NA	NA
GRID GTX P40-6	4340	437	NA	NA
Radeon Ryzen 9 PRO 6950HS	4332	438	NA	NA
Quadro K4200	4320	439	17.35	$249.00*
Radeon RX 5300M	4307	440	NA	NA
Radeon R9 270	4306	441	NA	NA
FirePro W7000	4288	442	15.42	$278.05*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 9 7950X 16-Core	4263	443	NA	NA
Radeon R9 270 / R7 370	4259	444	19.98	$213.16*
Quadro M2200	4256	445	17.03	$249.99*
NVIDIA A40-8Q	4220	446	NA	NA
GRID V100D-8Q	4155	447	NA	NA
GeForce GTX 680MX	4142	448	NA	NA
GeForce GTX 480	4106	449	24.16	$169.99*
Radeon Ryzen 7 4800HS	4105	450	NA	NA
Radeon RX 460	4102	451	24.59	$166.81*
FirePro W8000	4095	452	7.15	$573.00*
Radeon PRO Ryzen 5 PRO 6650U	4066	453	NA	NA
GeForce GTX 1050 with Max-Q Design	4064	454	NA	NA
RadeonT 660M Ryzen 5 7535HS	4051	455	NA	NA
Radeon Eng Sample: 100-000000561-40_Y	4041	456	NA	NA
Radeon HD 7800-serie	4029	457	NA	NA
GeForce GTX 660	3998	458	23.81	$167.95*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P6-2Q	3925	462	NA	NA
GeForce GTX 750 Ti	3903	463	44.30	$88.11*
GRID M60-8Q	3883	464	NA	NA
Radeon HD 8970M	3876	465	27.69	$139.99*
Matrox LUMA A310F	3873	466	NA	NA
Radeon Ryzen 5 7535HS	3863	467	NA	NA
Intel Arc A310 LP	3862	468	NA	NA
Radeon HD 7850	3859	469	22.70	$169.99*
EIZO MED-XN43	3842	470	NA	NA
GeForce GTX 780M	3834	471	7.68	$499.00*
GRID M60-4Q	3831	472	NA	NA
Radeon Ryzen 5 6600H	3828	473	NA	NA
GeForce GTX 880M	3803	474	NA	NA
GeForce GTX 965M	3785	475	NA	NA
Barco MXRT 7500	3753	476	12.55	$299.00*
P104-100	3743	477	12.48	$299.99*
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	478	NA	NA
GeForce MX450	3734	479	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3715	480	NA	NA
T400 4GB	3703	481	NA	NA
T500	3700	482	NA	NA
GRID M60-1Q	3694	483	NA	NA
Matrox LUMA A310	3690	484	NA	NA
Radeon Ryzen 5 PRO 6650U	3678	485	NA	NA
Radeon Pro 560X	3677	486	NA	NA
Ryzen 5 6600HS Creator Edition	3671	487	NA	NA
Radeon R9 M485X	3660	488	NA	NA
Radeon RX 560	3646	489	20.27	$179.88
Radeon Pro WX 4100	3635	490	7.27	$499.99*
Radeon RX Vega M GL	3631	491	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Quadro P620	3630	492	6.32	$574.55*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 4800H	3585	496	NA	NA
GeForce GTX 680M KY_Bullet Edition	3568	497	NA	NA
GRID M6-8Q	3568	498	NA	NA
Quadro K2200	3549	499	13.23	$268.30*
Radeon Ryzen 5 7535U	3532	500	NA	NA
Radeon HD 7970M	3529	501	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	502	NA	NA
Ryzen 5 6600H with Radeon Graphics	3525	503	NA	NA
Ryzen 5 PRO 6650U	3519	504	NA	NA
GRID K520	3516	505	23.44	$149.99*
Ryzen 5 PRO 6650U with Radeon Graphics	3515	506	NA	NA
Quadro 7000	3505	507	NA	NA
Radeon 740M	3492	508	NA	NA
Radeon Pro 560	3475	509	NA	NA
Quadro K2200M	3468	510	27.76	$124.95*
Quadro M2000M	3459	511	16.23	$213.16*
Radeon Pro 460	3452	512	NA	NA
GRID T4-2Q	3450	513	NA	NA
GeForce GTX 870M	3449	514	NA	NA
Tesla C2050 / C2070	3428	515	NA	NA
NVIDIA A10-4Q	3424	516	NA	NA
GeForce GTX 960M	3396	517	2.91	$1,169.00*
Radeon Ryzen 5 6600U	3394	518	NA	NA
Radeon E8870PCIe	3368	520	NA	NA
Radeon HD8970M	3368	519	NA	NA
GeForce GTX 750	3351	521	41.90	$79.99*
GRID M10-1Q	3351	522	NA	NA
GeForce GTX 590	3341	523	7.68	$435.00*
GeForce GTX 650 Ti BOOST	3338	524	NA	NA
GRID T4-1Q	3302	525	NA	NA
Tesla K40m	3281	526	NA	NA
Quadro P600	3271	527	15.53	$210.58*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 770M	3245	531	18.34	$176.99
Radeon R9 M470X	3244	532	NA	NA
Quadro M1200	3238	533	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	534	NA	NA
GeForce GTX 680M	3215	535	23.65	$135.99*
GRID P4-8A	3206	536	NA	NA
Radeon RX 560X	3196	537	NA	NA
Radeon R7 260X	3185	538	22.76	$139.99*
Radeon R9 260	3181	539	NA	NA
Tesla C2050	3175	540	11.76	$269.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla M10	3171	541	1.18	$2,695.00*
FirePro V7000	3161	542	NA	NA
FirePro W7170M	3161	543	NA	NA
Radeon Ryzen 5 Pro 7535U	3146	544	NA	NA
A16-2B	3140	545	NA	NA
Radeon Pro 555	3140	546	2.99	$1,049.00*
Intel Graphics	3136	547	NA	NA
Radeon Pro 455	3112	548	6.93	$449.00*
GeForce GTX 470	3106	549	51.79	$59.99*
Radeon R7 360	3093	550	21.19	$145.99*
Radeon HD 7790	3090	551	22.07	$139.99*
Quadro K5100M	3071	552	2.77	$1,108.84*
GeForce GTX 560 Ti	3037	553	23.37	$129.99*
GeForce GTX 860M	3036	554	26.64	$114.00*
Radeon R9 360	3031	555	22.64	$133.89*
Tesla C2075	3016	556	4.67	$646.00*
Radeon HD 6990	3013	557	6.04	$498.49*
FirePro W5100	2989	558	23.72	$125.99*
FirePro W5000	2977	559	16.18	$184.00*
GRID M10-4Q	2976	560	NA	NA
Radeon Ryzen 9 5900H	2960	561	NA	NA

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

Video Card

Tesla K20Xm	2917	564	NA	NA
Radeon R7 260	2891	566	32.13	$89.99*
Ryzen 9 5900HX with Radeon Graphics	2890	567	NA	NA
Quadro M1000M	2870	568	33.38	$85.99*
FirePro M6100 FireGL V	2863	569	NA	NA
Eng Sample: 100-000000261-50_Y	2859	570	NA	NA
Radeon Pro V340 MxGPU	2853	571	NA	NA
Custom GPU 0405	2845	572	NA	NA
GRID K280Q	2839	574	NA	NA
Tesla C2070	2839	573	4.70	$604.00*
Radeon HD 6970	2836	575	18.91	$149.99*
Radeon Ryzen 7 5800H	2823	576	NA	NA
FirePro W4300	2818	577	11.74	$239.99*
Quadro M620	2813	578	NA	NA
FirePro 3D V9800	2811	579	1.13	$2,499.00*
GeForce GTX 770M	2809	580	20.36	$138.00*
GeForce MX350	2809	581	NA	NA
Ryzen 7 5700G with Radeon Graphics	2795	582	NA	NA
Radeon Ryzen 5 5500GT	2765	583	NA	NA
Radeon R9 M380	2762	584	NA	NA
Quadro K5000M	2752	585	5.41	$508.91*
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU	2746	586	NA	NA
GeForce GTX 675MX	2744	587	NA	NA
Quadro K4100M	2742	588	10.50	$261.29*
GeForce GTX 560	2740	589	13.37	$205.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 7 5800H with Radeon Graphics	2740	590	NA	NA
GRID K2	2736	591	0.68	$4,029.62
Radeon Ryzen 5 5600GT	2728	592	NA	NA
FirePro S7150	2726	593	1.61	$1,697.99*
FirePro V9800	2726	594	5.75	$474.00*
Radeon HD 8950	2725	595	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 6000	2706	599	0.66	$4,092.38
Ryzen 7 5700GE with Radeon Graphics	2702	600	NA	NA
Barco MXRT 5500	2701	601	9.04	$299.00*
GRID M10-2Q	2691	602	NA	NA
Intel Iris Xe	2684	603	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	604	NA	NA
GeForce GTX 465	2673	605	13.71	$195.00*
Radeon Eng Sample: 100-000000300-40_Y	2670	606	NA	NA
Radeon Ryzen 9 7900X 12-Core	2651	607	NA	NA
FirePro R5000	2646	608	24.06	$109.99*
MONSTER GeForce GTX 675M	2637	609	NA	NA
Radeon HD 6950	2612	610	18.66	$139.99*
Radeon Ryzen 7 4700GE	2610	611	NA	NA
GeForce GTX 950A	2604	612	NA	NA
GRID T4-2B	2601	614	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	613	NA	NA
Radeon Ryzen 7 PRO 4750G	2597	615	NA	NA
Radeon Eng Sample: 100-000000371-40_42/18_Y	2590	616	NA	NA
Radeon Ryzen 7 4700G	2586	617	NA	NA
Ryzen 5 5600G with Radeon Graphics	2585	618	NA	NA
GeForce GTX 950M	2584	619	4.56	$567.00*
Radeon Pro WX 4150	2559	620	4.20	$610.04*
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	621	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2549	622	NA	NA
Radeon Ryzen 9 4900H	2548	623	NA	NA
Radeon Pro WX 3100	2547	624	NA	NA
GRID K240Q	2541	625	NA	NA
Radeon HD 6850 X2	2534	626	NA	NA
Radeon Ryzen 5 5600GE	2530	627	NA	NA
FireStream 9370	2528	628	NA	NA
N18E-Q1	2525	629	NA	NA
GeForce GTX 650 Ti	2524	630	27.13	$93.05*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 PRO 5650G with Radeon Graphics	2500	634	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	635	NA	NA
Ryzen 7 7730U with Radeon Graphics	2470	636	NA	NA
GeForce GT 1030	2467	637	24.22	$101.89
Barco MXRT 5600	2465	638	3.50	$704.00*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Ryzen 7 7730U	2461	639	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2449	640	NA	NA
GeForce MX330	2445	641	NA	NA
FirePro 3D V8800	2437	642	5.74	$424.99*
Ryzen 5 PRO 5650GE with Radeon Graphics	2435	643	NA	NA
Radeon Pro WX 3200	2433	644	15.37	$158.35*
GeForce MX250	2423	645	NA	NA
Radeon Eng Sample: 100-000000262-30_Y	2415	646	NA	NA
GeForce GTX 960A	2410	647	NA	NA
Radeon Ryzen 5 5600H	2410	648	NA	NA
Radeon Eng Sample: 100-000000285-40_Y	2404	649	NA	NA
Radeon Ryzen 9 7900 12-Core	2402	650	NA	NA
Radeon RX Vega 11 PRD	2401	651	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2396	652	NA	NA
Radeon Ryzen 7 5800U	2395	653	NA	NA
Radeon Ryzen 7 5825U	2380	654	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	655	NA	NA
Ryzen 5 4600G with Radeon Graphics	2375	656	NA	NA
Citrix Indirect Display Adapter	2365	657	NA	NA
GRID M10-2B	2363	658	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2362	659	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	661	NA	NA
Ryzen 7 5800U with Radeon Graphics	2361	660	NA	NA
GeForce GTX 485M	2359	662	NA	NA
FirePro W6150M	2358	663	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	664	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega Ryzen 3 5300U	2334	668	NA	NA
Radeon Ryzen 7 PRO 7730U	2332	669	NA	NA
Radeon R9 M470	2330	670	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2330	671	NA	NA
Radeon Ryzen 7 PRO 4750GE	2325	672	NA	NA
Radeon Ryzen 7 4800U	2313	673	NA	NA
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	674	NA	NA
GRID M10-1B	2309	675	NA	NA
Radeon Ryzen 5 PRO 5650GE	2306	676	NA	NA
Radeon Ryzen 7 5700U	2306	677	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	678	NA	NA
FirePro V7900	2304	679	12.13	$190.00*
Radeon Ryzen 5 PRO 5650G	2302	680	NA	NA
Radeon HD 5970	2301	681	12.79	$179.99*
Radeon Ryzen 7 Microsoft Surface Edition	2290	682	NA	NA
FirePro V8800	2280	683	11.52	$198.00*
GeForce MX150	2279	684	38.45	$59.29*
Ryzen 3 4300GE with Radeon Graphics	2271	685	NA	NA
Radeon HD 6970M	2270	686	10.51	$215.99*
Ryzen 7 PRO 5850U with Radeon Graphics	2270	687	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Ryzen 5 7530U with Radeon Graphics	2269	688	NA	NA
Radeon R7 250X	2268	689	11.70	$194.00*
Quadro K3100M	2265	690	5.66	$399.95*
Intel HD 5600	2263	691	NA	NA
GeForce GTX 460	2261	692	25.13	$89.99*
Radeon RX 550X	2249	693	NA	NA
Ryzen 7 5700U with Radeon Graphics	2246	694	NA	NA
Quadro K620	2232	695	1.10	$2,029.99*
Intel Iris Pro P580	2231	696	NA	NA
Ryzen 7 Extreme Edition	2226	697	NA	NA
GRID P100-1B	2223	698	NA	NA

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

Video Card

Ryzen 5 4600H with Radeon Graphics	2208	702	NA	NA
Radeon Ryzen 7 7700X 8-Core	2197	703	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	704	NA	NA
Ryzen 5 5600U with Radeon Graphics	2178	705	NA	NA
Quadro M600M	2177	706	8.64	$251.99*
Radeon RX Vega 11 Ryzen 5 3400G	2176	707	NA	NA
Radeon HD 7770	2169	708	7.23	$300.00*
Intel UHD Graphics P630	2163	709	NA	NA
Radeon Ryzen 3 7335U	2159	710	NA	NA
Radeon Ryzen 5 5625U	2155	711	NA	NA
GRID P4-1B	2151	712	NA	NA
GeForce GTX 745	2143	713	7.52	$284.95*
Ryzen 3 Pro 4350G with Radeon Graphics	2133	714	NA	NA
FirePro M6100	2122	715	NA	NA
Radeon RX Vega 11	2119	716	2.12	$1,002.00*
Ryzen 7 4800H with Radeon Graphics	2113	717	NA	NA
Radeon Ryzen 5 5600U	2110	718	NA	NA
Radeon Pro	2109	719	4.92	$429.00*
GeForce 945M	2108	720	NA	NA
Radeon TM R9 A360	2105	721	NA	NA
FirePro M5100	2102	722	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2098	723	NA	NA
Intel G35 Express	2097	725	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2097	724	NA	NA
Quadro P520	2095	726	1.40	$1,499.00*
Radeon Ryzen 5 5500U	2093	727	NA	NA
GeForce GTX 580M	2074	728	8.34	$248.68*
Ryzen 5 5560U with Radeon Graphics	2073	729	NA	NA
GRID M6-1Q	2069	730	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2068	732	NA	NA
Ryzen 3 4300G with Radeon Graphics	2068	731	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	733	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Radeon Ryzen 5 7430U	2046	737	NA	NA
Radeon Ryzen 7 4700U	2045	738	NA	NA
Radeon Ryzen 3 PRO 7330U	2043	740	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2043	739	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	741	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	742	NA	NA
FirePro V7800	2028	743	10.68	$190.00*
Radeon Ryzen 5 5560U	2021	744	NA	NA
Radeon R9 350	2018	745	6.75	$299.00*
Ryzen 3 5300G with Radeon Graphics	2017	746	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2012	747	NA	NA
GeForce GTX 460 SE	2010	748	12.57	$159.99*
Radeon Pro W5500M	2010	749	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	750	NA	NA
Ryzen 5 5600GT with Radeon Graphics	2006	751	NA	NA
GeForce GT 645	2005	752	NA	NA
Radeon Ryzen Embedded V2718	1998	753	NA	NA
GeForce GTX 765M	1995	754	10.71	$186.30*
Radeon R9 M385X	1993	755	NA	NA
GRID M10-8Q	1992	756	NA	NA
Ryzen 5 5500U with Radeon Graphics	1991	757	NA	NA
Ryzen 5 5625U with Radeon Graphics	1989	758	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	759	NA	NA
Radeon R7 + R7 350 Dual	1982	760	NA	NA
Radeon Ryzen 7 PRO 5875U	1981	761	NA	NA
Intel Iris Pro 580	1980	762	NA	NA
Radeon HD 5850	1979	763	6.85	$288.99*
Intel Iris Xe MAX	1971	764	NA	NA
Radeon HD 6850	1971	765	23.20	$85.00*
Radeon RX 640	1967	766	NA	NA
Radeon Pro WX 4130	1966	767	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660D + HD 7700 Dual	1958	771	NA	NA
Qualcomm Adreno 8cx Gen 3	1956	772	NA	NA
Radeon Ryzen 3 PRO 7335U	1954	773	NA	NA
GeForce GTX 470M	1953	774	NA	NA
GeForce GTX 670MX	1947	775	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	1938	776	NA	NA
Radeon R7 450	1937	777	6.48	$299.00*
Radeon Vega 8 Ryzen 3 3200G	1936	778	NA	NA
Quadro 5000	1931	779	2.63	$735.73*
GeForce GTX 675M	1929	780	NA	NA
Intel Iris Xe MAX 100	1927	781	NA	NA
Radeon RX 570X	1923	782	12.57	$153.01*
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1922	783	NA	NA
Radeon HD 7560D + 7700 Dual	1919	784	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	1918	785	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce GTX 560 SE	1914	786	21.27	$89.99*
Radeon Ryzen 5 PRO 5675U	1905	787	NA	NA
Matrox C680 PCIe x16	1903	788	NA	NA
Radeon HD 7700-serie	1899	789	NA	NA
Ryzen 5 4600U with Radeon Graphics	1897	790	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	791	NA	NA
Radeon 550	1885	792	20.95	$89.99
Ryzen 3 PRO 4350GE with Radeon Graphics	1885	793	NA	NA
GeForce GTX 460 v2	1871	795	9.36	$199.99*
GeForce GTX 645	1871	794	NA	NA
Quadro M520	1870	796	NA	NA
FirePro 3D V7800	1867	797	3.11	$599.99*
Radeon Ryzen Embedded R2544	1864	798	NA	NA
GeForce GTX 570M	1863	799	NA	NA
Qualcomm Adreno 8cx Gen 3 GPU	1863	800	NA	NA
Radeon Ryzen 5 7600 6-Core	1862	801	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 540	1856	805	NA	NA
GeForce 945A	1852	806	NA	NA
GeForce MX130	1851	807	NA	NA
Radeon Ryzen Embedded V2748	1842	808	NA	NA
Radeon Vega 11	1841	809	NA	NA
FirePro M5100 FireGL V	1839	810	NA	NA
GeForce MX230	1838	811	NA	NA
GRID M60-0B	1838	812	NA	NA
Radeon R9 M360	1837	813	NA	NA
Radeon Pro WX 2100	1836	814	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	815	NA	NA
MxGPU	1826	816	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1825	817	NA	NA
Radeon RX Vega 11 Processor	1822	818	NA	NA
FirePro M6000	1820	819	5.58	$325.99*
Intel Iris Plus	1816	820	NA	NA
Ryzen 5 4500U with Radeon Graphics	1816	821	NA	NA
Matrox C900 PCIe x16	1812	822	NA	NA
Embedded Radeon E9173	1806	823	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	824	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1797	825	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1792	826	NA	NA
Radeon HD 8670D + 7700 Dual	1788	827	NA	NA
Radeon Ryzen 3 PRO 5450U	1776	828	NA	NA
Quadro 5010M	1771	829	7.51	$235.95*
Firepro W5170M	1761	830	NA	NA
GeForce GTX 650	1749	831	15.91	$109.98*
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	832	NA	NA
Radeon Ryzen 5 7600X 6-Core	1740	833	NA	NA
Intel Iris Plus 655	1739	834	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce GTX 670M	1736	835	NA	NA

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

Video Card

Radeon Ryzen 9 PRO 7945 12-Core	1731	839	NA	NA
Intel Iris Plus 645	1727	842	NA	NA
Intel UHD Graphics P750	1727	841	NA	NA
Radeon R9 M375X	1727	840	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	843	NA	NA
GeForce GTX 760M	1717	844	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1716	845	NA	NA
FirePro M6000 Mobility Pro	1712	846	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1709	847	NA	NA
Radeon HD 6900M	1702	849	NA	NA
Radeon HD 7750	1702	848	13.69	$124.39
Radeon Vega 8 Ryzen 5 3550H	1694	850	NA	NA
GeForce GT 755M	1687	851	NA	NA
Radeon E8860	1686	852	NA	NA
Radeon Ryzen 7 7700 8-Core	1683	853	NA	NA
Radeon R7 M465X	1676	854	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1674	855	NA	NA
FirePro W600	1671	856	4.03	$414.99*
Radeon R7 M380	1668	857	NA	NA
Ryzen 3 5425U with Radeon Graphics	1667	858	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1662	859	NA	NA
Radeon EPYC 4584PX 16-Core	1661	860	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	861	NA	NA
Radeon HD HD7850M	1651	862	NA	NA
Ryzen 3 7330U with Radeon Graphics	1649	863	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	864	NA	NA
Quadro P400	1640	865	8.15	$201.17*
Radeon RX Vega 10	1639	866	NA	NA
Quadro P500	1638	868	NA	NA
Radeon HD 8870M	1638	867	NA	NA
Quadro K3000M	1637	869	4.02	$407.56*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon EPYC 4244P 6-Core	1625	873	NA	NA
Radeon EPYC 4484PX 12-Core	1619	874	NA	NA
Radeon EPYC 4564P 16-Core	1618	875	NA	NA
GeForce GTX 480M	1617	877	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	876	NA	NA
Radeon HD 6790	1616	878	5.50	$294.00*
Radeon Ryzen 5 PRO 7645 6-Core	1615	879	NA	NA
Intel UHD Graphics 730	1614	880	NA	NA
Radeon EPYC 4464P 12-Core	1613	881	NA	NA
Radeon EPYC 4364P 8-Core	1610	882	NA	NA
Radeon RX Vega11	1605	883	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M4000	1604	884	22.02	$72.83*
Seria Radeon HD 7700	1603	885	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1601	886	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1601	887	NA	NA
Radeon Vega 9	1596	888	NA	NA
Quadro K2000D	1586	889	4.67	$339.99*
Radeon Vega 8	1582	890	12.48	$126.86*
Intel Iris Plus 650	1581	891	NA	NA
Quadro K2000	1577	892	5.37	$294.00*
Ryzen 3 5400U with Radeon Graphics	1576	893	NA	NA
Radeon R9 M275X / M375	1574	894	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	895	NA	NA
GeForce GTX 555	1571	896	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1569	897	NA	NA
Virtual Display Device	1569	898	NA	NA
Radeon Vega 10	1565	899	NA	NA
Radeon Ryzen 3 5300U	1562	900	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1561	901	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	902	NA	NA
GeForce GTX 550 Ti	1550	903	15.51	$99.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 4300U with Radeon Graphics	1542	907	NA	NA
Radeon Ryzen 7 PRO 7745 8-Core	1539	908	NA	NA
FirePro V8700	1538	909	9.75	$157.88*
Radeon R9 M275X	1537	910	NA	NA
Radeon Ryzen 3 5425U	1535	911	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1534	912	NA	NA
FirePro W4100	1531	913	8.32	$184.00*
Radeon Ryzen Embedded V2516	1527	915	NA	NA
Ryzen 3 5300U with Radeon Graphics	1527	914	NA	NA
GeForce 845M	1524	916	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1519	917	NA	NA
GeForce GTX 285	1515	918	12.63	$119.99*
GeForce 940MX	1514	919	NA	NA
Radeon 610M Ryzen 9 7945HX	1513	920	NA	NA
Radeon Ryzen 3 7330U	1512	921	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1512	922	NA	NA
Radeon HD 4890	1507	923	16.76	$89.99*
Radeon HD 7870M	1507	924	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	925	NA	NA
Radeon Vega 10 Mobile	1493	926	NA	NA
Radeon HD 6670 + 7660D Dual	1492	927	NA	NA
GeForce GT 740	1490	928	6.29	$236.99*
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1488	929	NA	NA
Radeon RX Vega 8	1487	930	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	931	NA	NA
Radeon Ryzen Embedded R2514	1482	932	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1482	933	NA	NA
Radeon R9 M365X	1481	934	NA	NA
Quadro 4000	1479	935	1.47	$1,008.09*
Intel UHD Graphics	1476	936	NA	NA
Radeon R7 FX-9830P RADEON	1470	937	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	940	NA	NA
Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	942	NA	NA
GeForce GTX 660M	1435	945	18.17	$78.99*
Radeon 540X	1435	943	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	944	NA	NA
Radeon Ryzen 7 3700U	1433	946	NA	NA
Intel Iris 650	1432	947	NA	NA
Intel Iris 550	1431	949	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	950	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	948	NA	NA
Radeon 550X	1429	951	NA	NA
Radeon HD 7560D + 7670 Dual	1426	952	NA	NA
Radeon Vega 8 Mobile	1418	953	NA	NA
Radeon R7 M370	1417	954	NA	NA
GeForce GTX 275	1416	955	3.28	$431.72*
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1411	956	NA	NA
FirePro W5130M	1409	957	NA	NA
Radeon Pro WX 4170	1409	958	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	959	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1397	960	NA	NA
Radeon Ryzen 3 PRO 5475U	1383	961	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	962	NA	NA
Radeon HD 7850M	1372	963	NA	NA
Radeon HD 4870	1370	964	17.13	$79.99*
FirePro M40003	1364	965	NA	NA
Radeon 540	1361	966	NA	NA
Radeon HD 8670D + 6670 Dual	1361	967	NA	NA
Quadro K2100M	1355	968	3.26	$415.99*
Ryzen 3 4300U with Radeon Graphics	1350	969	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	970	NA	NA
Intel Iris Plus 640	1344	971	NA	NA
Radeon HD 5770	1343	972	7.07	$189.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 450	1319	976	16.49	$79.99
Radeon HD 8670D + HD 7600 Dual	1317	977	NA	NA
FirePro M5950	1314	978	NA	NA
Radeon Vega 6	1310	979	0.73	$1,799.99*
Radeon HD 4870 X2	1309	981	NA	NA
Radeon R7 PRO A8-8670E	1309	980	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8790M	1305	983	NA	NA
Tesla M2070-Q	1305	982	NA	NA
GeForce GTX 280	1299	985	2.49	$522.78*
TENSOR 1.0 Driver Intel HD 630	1299	984	NA	NA
Radeon Vega 6 Ryzen 3 3300U	1292	986	NA	NA
GeForce 930MX	1290	987	NA	NA
Radeon R7 A370	1281	988	NA	NA
FirePro 3D V8750	1271	989	1.03	$1,230.99*
Radeon 630	1269	990	NA	NA
GeForce 930A	1267	991	NA	NA
FirePro V5900	1263	992	14.70	$86.00*
Intel Iris 540	1261	993	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	994	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	995	NA	NA
Radeon HD 6770	1249	996	4.72	$264.99*
GeForce GTX 460M	1246	997	NA	NA
GeForce GTX 560M	1244	998	NA	NA
Intel UHD Graphics 630	1242	999	NA	NA
Quadro 2000 D	1239	1000	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1001	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1002	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1003	NA	NA
Radeon R7 + R5 340 Dual	1234	1004	NA	NA
Radeon R7 + R7 250 Dual	1232	1005	NA	NA
FirePro 3D V5800	1231	1006	6.04	$204.00*

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

Video Card

Quadro FX 5800	1223	1010	4.46	$274.00
Radeon HD 8670D + HD 6670 Dual	1221	1011	NA	NA
Radeon HD 8790M / R9 M290X	1210	1012	NA	NA
FirePro 3D V8700	1206	1013	7.09	$170.07*
GeForce GTX 295	1206	1014	7.54	$159.99*
Radeon HD 7730	1205	1015	5.18	$232.70*
GeForce GT 650M	1204	1016	NA	NA
N16P-GX	1204	1017	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1018	NA	NA
Radeon R9 M270X	1204	1019	NA	NA
Intel HD P630	1203	1020	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1200	1021	NA	NA
Intel Iris Pro 5200	1192	1022	NA	NA
Radeon HD 7750M	1191	1023	NA	NA
Radeon R7 +8G	1190	1024	NA	NA
GeForce GPU	1189	1025	NA	NA
GeForce 840A	1179	1026	NA	NA
NVS 810	1179	1027	1.89	$624.99*
FirePro V5800	1175	1029	22.18	$53.00*
GeForce GT 640	1175	1028	10.69	$109.99*
Quadro M500M	1169	1030	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 Opteron X3421	1168	1031	NA	NA
Quadro K620M	1165	1032	NA	NA
FireStream 9250	1164	1033	NA	NA
Radeon HD 5750	1162	1034	16.60	$69.99*
Barco MXRT 5400	1161	1035	5.72	$203.00*
Intel Coffee Lake UHD	1158	1036	NA	NA
Intel HD P530	1154	1037	NA	NA
Firepro W4190M	1149	1038	NA	NA
Radeon HD 8850M / R9 M265X	1139	1039	NA	NA
GeForce 830A	1138	1041	NA	NA

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

Video Card

Radeon HD 8650G + 7700M Dual	1120	1044	NA	NA
GeForce 940M	1122	1045	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1046	NA	NA
RadeonT 610M	1121	1047	NA	NA
FirePro M4170	1119	1048	NA	NA
Radeon R9 M275	1114	1049	1.59	$699.99*
Radeon R7 A10-7870K	1113	1050	NA	NA
Intel HD 630	1109	1051	NA	NA
GeForce 940A	1106	1052	NA	NA
Radeon R7 430	1106	1053	7.35	$150.58*
Radeon 610M	1104	1054	NA	NA
Quadro 2100M	1100	1056	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1055	NA	NA
GeForce GT 545	1099	1057	19.78	$55.59*
Radeon R5 PRO A6-9500 2C+6G	1096	1058	NA	NA
Radeon R7 M465	1095	1059	NA	NA
GeForce GT 745M	1092	1061	NA	NA
Radeon R7 M350	1092	1060	NA	NA
GeForce GTX 850M - MODDED	1091	1062	NA	NA
GeForce 840M	1087	1063	NA	NA
Quadro K1100M	1086	1065	3.36	$322.99*
Radeon R7 M460	1086	1064	NA	NA
MIRRORV3	1080	1066	NA	NA
Barco MXRT 5450	1079	1067	5.40	$199.99*
GeForce 920MX	1078	1068	NA	NA
Intel UHD Graphics 710	1077	1070	NA	NA
Radeon 625	1077	1071	NA	NA
Radeon R7 + R7 200 Dual	1077	1069	NA	NA
Mobility Radeon HD 5870	1076	1072	NA	NA
Radeon R7 A12-9800 RADEON	1075	1073	NA	NA
Radeon Ryzen 5 3450U	1074	1074	NA	NA
Radeon 535	1071	1075	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Firepro M4100	1059	1080	NA	NA
OPAL XT/GL	1053	1081	NA	NA
Radeon HD 7670A	1050	1082	NA	NA
GeForce GTX 850A	1049	1083	NA	NA
Radeon R7 A12-9730P RADEON	1047	1084	NA	NA
Radeon HD 6750	1046	1085	13.08	$79.99*
Radeon R7 + R7 240 Dual	1045	1086	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1087	NA	NA
Intel UHD Graphics 620	1043	1088	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1089	NA	NA
Radeon Vega 3 Mobile	1034	1090	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1091	NA	NA
FirePro W4170M	1030	1092	NA	NA
Radeon HD 8600/8700M	1029	1093	NA	NA
Radeon R7 + R5 330 Dual	1028	1094	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1095	NA	NA
Radeon 530	1018	1096	NA	NA
Radeon HD 6700M	1016	1097	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1098	NA	NA
GeForce 930M	1012	1099	NA	NA
Qualcomm Adreno 690 GPU	1012	1100	NA	NA
Quadro K2000M	1011	1101	7.03	$144.04*
Radeon HD 7690M XT	1009	1102	NA	NA
GeForce 830M	1008	1103	NA	NA
Glenfly Arise-GT-10C0	1007	1104	NA	NA
Radeon HD 7690M	1003	1105	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1106	NA	NA
Radeon R7 340	1000	1107	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	1109	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1108	NA	NA

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

Video Card

Quadro 3000M	991	1113	14.17	$69.99
Radeon Vega 3 Athlon 3000G	991	1114	NA	NA
FirePro V4900	987	1116	6.59	$149.99*
Radeon HD 8750M	987	1115	NA	NA
Radeon HD 7560D + 7570 Dual	985	1117	NA	NA
Radeon HD 8690M	984	1119	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1118	NA	NA
Radeon HD 7560D + 7560D Dual	982	1120	NA	NA
Radeon R7 M260X	982	1121	NA	NA
Quadro FX 4800	981	1122	4.81	$204.00*
Radeon R9 M375	979	1123	NA	NA
Radeon R7 A10-7850K	978	1124	NA	NA
Radeon R5 A10-9630P 4C+6G	977	1125	NA	NA
Quadro 2000D	974	1126	6.96	$140.00*
Radeon HD 8670D + 8570 Dual	974	1127	NA	NA
Radeon HD 8850M	973	1128	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 A10-9600P 4C+6G	970	1130	NA	NA
Radeon R7 PRO A10-9700E	970	1129	1.84	$529.00*
Radeon R7 A10-9700E RADEON	968	1131	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1132	NA	NA
Radeon HD 6770M	964	1133	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1134	NA	NA
FirePro M4150	960	1135	NA	NA
Radeon R7 PRO A12-9800E	957	1136	NA	NA
Radeon R6 Opteron X3418	955	1137	NA	NA
Radeon HD 8570 + HD 7660D Dual	949	1139	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1138	NA	NA
Quadro 2000	948	1140	4.45	$213.23*
Quadro CX	947	1141	6.32	$149.95*
Radeon HD 6670/7670	945	1142	NA	NA
Radeon HD 7640G + 7690M Dual	945	1143	NA	NA

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

Video Card

Radeon HD 7660D + R7 240 Dual	941	1146	NA	NA
Radeon HD 8570	938	1147	9.51	$98.68*
Radeon HD 6750M	937	1148	NA	NA
Radeon HD 7560D + HD 8570 Dual	935	1149	NA	NA
Radeon R5 340	935	1150	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1151	NA	NA
Radeon HD 4850	933	1152	2.47	$378.00*
Radeon HD 7660G + 7730M Dual	931	1153	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1154	NA	NA
GeForce GT 645M	929	1155	NA	NA
Radeon R7 A10-7860K	927	1156	NA	NA
Intel HD Graphics 620	925	1158	NA	NA
Intel Iris Pro 6100	925	1157	NA	NA
Radeon R7 A10-9700 RADEON	925	1159	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	921	1160	NA	NA
Radeon R7 PRO A12-8870E	920	1161	NA	NA
Radeon R5 430	918	1162	15.56	$59.00*
Radeon R7 240 + HD 8570D Dual	917	1163	NA	NA
GeForce GT 640M	914	1164	NA	NA
Radeon R7 A12-9800E RADEON	913	1165	6.56	$139.19*
GRID K220Q	912	1167	NA	NA
Radeon R7 A8-8650	912	1166	NA	NA
GRID M6-0B	911	1168	NA	NA
Radeon 6750M	911	1169	NA	NA
Radeon HD 4770	908	1170	15.14	$59.99*
Radeon R7 A8-7500	907	1171	NA	NA
Radeon R7 240	905	1172	8.23	$109.99*
Radeon R7 M440	904	1174	NA	NA
Radeon R7 PRO A12-8870	904	1173	NA	NA
Radeon HD 8550G + 7600M Dual	901	1175	NA	NA
Barco MXRT 2600	900	1177	4.52	$199.00*
Barco MXRT 7400	900	1176	9.10	$99.00*

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

Video Card

Intel UHD Graphics 617	897	1179	NA	NA
Radeon 620	897	1181	NA	NA
Radeon R7 + R5 Dual	897	1180	NA	NA
Intel Iris 6100	895	1182	NA	NA
Radeon R7 PRO A8-9600	893	1183	NA	NA
7900 MOD - Radeon HD 6550D	892	1184	NA	NA
Qualcomm Adreno 685 GPU	892	1185	NA	NA
Radeon Vega 3	889	1186	0.33	$2,677.99*
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1187	NA	NA
Radeon HD 8650G + 7670M Dual	883	1188	NA	NA
Radeon R7 A10 PRO-7850B	882	1189	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1190	NA	NA
FirePro W2100	877	1191	14.87	$59.00*
Radeon R7 PRO A12-9800	877	1192	NA	NA
Radeon E6760	876	1193	3.65	$239.99*
GRID M10-0B	870	1194	NA	NA
Radeon R7 G	869	1195	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1196	NA	NA
Intel HD 520	867	1197	NA	NA
Mobility Radeon HD 4850	866	1198	NA	NA
Radeon 520	862	1200	9.58	$89.99*
Radeon HD 8470D + HD 6450 Dual	862	1199	NA	NA
Intel HD 6000	861	1202	NA	NA
Radeon Vega 3 Athlon 300U	861	1201	NA	NA
Radeon R7 A10-8750	856	1203	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1204	NA	NA
Radeon R7 A10-7890K	854	1205	NA	NA
FirePro 3D V4800	853	1206	5.33	$159.99*
Radeon R5 A6-9500 2C+6G	853	1207	NA	NA
Radeon R7 A8-7500 4C+6G	853	1208	NA	NA
Radeon HD 8500M/8700M	852	1209	NA	NA
Radeon R5 435	850	1210	NA	NA

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

Video Card

GeForce 920A	840	1214	NA	NA
FireGL V8600	838	1215	NA	NA
Radeon HD 8470D + 6570 Dual	837	1216	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1217	NA	NA
Radeon HD 4830	835	1218	13.93	$59.99*
Radeon HD 6650A	835	1219	NA	NA
GeForce GT 730	833	1220	7.58	$109.99*
Radeon HD 7560D + 6570 Dual	833	1221	NA	NA
GeForce GT 635	832	1222	12.44	$66.94*
Radeon HD 7520G + HD 7500/7600 Dual	832	1223	NA	NA
Radeon HD 7660G + 7600M Dual	831	1225	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1224	NA	NA
Intel HD 5200	830	1226	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 FX-8800P	829	1227	NA	NA
Radeon R7 A8-9600 RADEON	828	1228	NA	NA
Radeon R7 PRO A10-8770E	828	1229	NA	NA
GRID M60-0Q	827	1231	NA	NA
Radeon R7 A10 PRO-7800B	827	1230	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1232	NA	NA
Radeon HD 3850 X2	822	1233	NA	NA
Radeon HD 7540D + 7500 Dual	821	1235	NA	NA
Radeon R7 A8-7680	821	1234	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1237	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1236	NA	NA
Radeon R7 A10 Extreme Edition	816	1239	NA	NA
Radeon R7 M260DX	816	1238	NA	NA
GeForce GT 730M	815	1240	NA	NA
Radeon HD 7670	813	1242	NA	NA
Radeon R9 M280X	813	1241	NA	NA
GeForce GT 445M	811	1244	NA	NA
Radeon HD 8670D + 7000 Dual	811	1243	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + 8600/8700M Dual	802	1247	NA	NA
Radeon Vega 3 Ryzen 3 3250U	801	1248	NA	NA
Radeon R5 M435	800	1249	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1250	NA	NA
Radeon HD 6800M	798	1251	NA	NA
Radeon R7 PRO A10-9700	798	1252	NA	NA
GeForce 9800 GX2	797	1253	4.09	$195.00*
Quadro FX 3800	797	1254	3.08	$259.13*
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1256	NA	NA
Radeon R8 M445DX	796	1255	NA	NA
GRID M10-0Q	795	1258	NA	NA
Radeon HD 8550G + 8750M Dual	795	1257	NA	NA
GeForce GT 740M	791	1260	NA	NA
Radeon Ryzen 3 3250U	791	1259	NA	NA
Radeon 535DX	788	1261	NA	NA
Radeon HD 8650G + 8750M Dual	786	1262	NA	NA
Radeon R7 A8-7600	786	1263	NA	NA
GeForce 825M	782	1264	NA	NA
Quadro K1000M	782	1265	11.18	$69.95*
Quadro 2000M	781	1266	3.40	$229.74*
Radeon R7 A365	781	1268	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1267	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1269	NA	NA
Radeon R7 A10-7700K	777	1270	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1271	NA	NA
Radeon R7 M365X	774	1272	NA	NA
Mobility Radeon HD 5000	773	1275	NA	NA
Radeon HD 7600M + 7600M Dual	773	1273	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1274	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R7 A10-8850	773	1276	NA	NA
GeForce 730A	771	1277	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4810	769	1280	NA	NA
Radeon R7 PRO A10-8750B	767	1282	NA	NA
Radeon R7 M270	766	1283	NA	NA
Mobility Radeon HD 5850	763	1285	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1284	NA	NA
Radeon HD 8730M	763	1286	NA	NA
Radeon HD 6450 + 8470D Dual	762	1287	NA	NA
Radeon HD 7730M	762	1288	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1289	NA	NA
Radeon Athlon Gold 3150U	759	1290	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1291	NA	NA
Radeon HD 7660G + 7700M Dual	757	1293	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1292	NA	NA
Quadro 1100M	755	1294	NA	NA
Radeon HD 7640G + 7450M Dual	754	1295	NA	NA
Radeon HD 6650M	753	1296	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1297	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	750	1298	NA	NA
IncrediblE HD 4600	749	1299	NA	NA
Radeon M535DX	749	1300	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1301	NA	NA
Radeon HD 7640G + 7650M Dual	747	1302	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1303	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1304	NA	NA
Quadro K420	745	1306	2.77	$269.00*
Radeon HD 7660G + 7610M Dual	745	1305	NA	NA
Radeon R7 A8-7650K	745	1307	NA	NA
Intel Iris 5100	744	1308	NA	NA
Quadro K600	743	1311	12.34	$60.24*
Radeon HD 7660G + 7670M Dual	743	1310	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1309	NA	NA
GeForce GT 730A	742	1312	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 FX-9800P RADEON	740	1315	1.40	$530.00
GeForce GT 340	738	1317	13.93	$52.99*
Intel Poison Ivy	738	1316	NA	NA
Radeon HD 7670M + 7670M Dual	738	1318	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1319	NA	NA
Quadro K610M	731	1320	3.05	$240.00*
Radeon R5 A10-9620P 4C+6G	731	1321	NA	NA
Radeon HD 6670	730	1322	10.59	$68.99*
Radeon R7 A12-9720P RADEON	729	1323	2.00	$365.48*
Radeon HD 7550M/7650M	728	1324	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K140Q	727	1326	NA	NA
Radeon R7 A12-9700P RADEON	727	1325	1.67	$435.92*
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	726	1327	NA	NA
Radeon R7 PRO A8-8650B	724	1328	NA	NA
GeForce 920M	722	1329	NA	NA
Mi Pad 5 Adreno 640 GPU	722	1332	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1330	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1331	NA	NA
Qualcomm Adreno 680 GPU	721	1333	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1334	NA	NA
Mobility Radeon HD 4870	719	1335	NA	NA
Radeon HD 7540D + 6570 Dual	719	1336	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	719	1337	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1338	NA	NA
Radeon HD 8470D + 6450 Dual	717	1339	NA	NA
Intel UHD Graphics 610	716	1342	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1341	NA	NA
Radeon R7 A10-7800	716	1340	NA	NA
Radeon Vega 3 Athlon 320GE	714	1343	NA	NA
Intel HD 615	711	1344	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1345	NA	NA

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

Video Card

Radeon HD 7660G + HD 7670M Dual	706	1348	NA	NA
Radeon HD 7640G + 7600M Dual	705	1349	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1351	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1350	NA	NA
Radeon R7 PRO A12-9800B	702	1352	NA	NA
NVS 510	699	1353	6.25	$111.99*
Radeon HD 7570M/HD 7670M	699	1355	NA	NA
TRINITY DEVASTATOR MOBILE	699	1354	NA	NA
Radeon R5 A6-7480	698	1356	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	696	1357	NA	NA
GeForce GT 640M LE	695	1359	0.82	$849.99*
Radeon R5 PRO A10-8730B 4C+6G	695	1358	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1360	NA	NA
Radeon HD 7640G + 7700M Dual	690	1361	NA	NA
Intel HD 610	689	1362	NA	NA
Radeon R5 PRO A6-8530B 2C+4G	689	1364	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	689	1363	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1365	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1366	NA	NA
Radeon HD 6630M	684	1367	NA	NA
GRID P40-3Q	681	1368	NA	NA
Radeon Athlon Silver 3050U	679	1370	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1371	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1369	NA	NA
GeForce GT 630	678	1372	4.62	$147.01*
GeForce GTS 160M	678	1373	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 8670M Dual	677	1375	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	677	1374	NA	NA
Quadro FX 4700 X2	676	1377	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1376	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 740A	667	1380	NA	NA
FirePro M7740	665	1382	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1381	NA	NA
Radeon HD 8550G + 8690M Dual	664	1383	NA	NA
GeForce GT 530	663	1384	13.55	$49.00*
FireGL V7700	660	1385	9.43	$69.99*
Radeon HD 2900 XT	659	1386	NA	NA
Radeon R7 M340	659	1387	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1388	NA	NA
GeForce GT 140	657	1389	NA	NA
GeForce GT 555M	654	1391	3.70	$177.20*
Radeon HD 7640G + 8750M Dual	654	1390	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1392	NA	NA
Radeon HD 8650G + 8570M Dual	654	1393	NA	NA
GeForce GTS 360M	651	1395	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1396	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1394	NA	NA
GRID K1	650	1397	1.65	$395.00*
SUMO 9640	650	1398	NA	NA
Radeon R5 M430	648	1399	NA	NA
FireStream 9170	647	1401	NA	NA
Radeon R8 M365DX	647	1400	NA	NA
Radeon HD 6670 + 6670 Dual	646	1402	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1403	NA	NA
Radeon HD 7640G + 7670M Dual	644	1404	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1405	NA	NA
GeForce 8800 Ultra	642	1406	NA	NA
FirePro V3900	641	1407	2.69	$238.44*
Quadro K510M	641	1408	NA	NA
GeForce GT 735M	639	1409	NA	NA
Radeon HD 7640G + 7400M Dual	637	1411	NA	NA
Radeon HD 8450G + 8750M Dual	637	1412	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8650G + 8670M Dual	635	1415	NA	NA
Intel HD P4600/P4700	634	1417	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1416	NA	NA
Intel HD 515	633	1420	NA	NA
Radeon HD 5600/5700	633	1419	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1418	NA	NA
Radeon HD 7610M	632	1421	NA	NA
GeForce GT 710	630	1424	2.52	$249.99*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1422	NA	NA
Radeon HD 7660G + 7470M Dual	630	1423	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1425	NA	NA
GRID K160Q	628	1427	NA	NA
Intel HD 4600	628	1428	NA	NA
Radeon R7 PRO A10-9700B	628	1426	NA	NA
Radeon HD 2900 PRO	627	1429	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1430	NA	NA
Radeon HD 8650G + 8500M Dual	626	1431	NA	NA
Intel HD 510	625	1432	NA	NA
NVS 5400M	625	1433	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	624	1434	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1435	NA	NA
GeForce 810A	622	1436	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1437	NA	NA
Radeon HD 8570 + 8670D Dual	620	1438	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1439	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1440	NA	NA
Radeon HD 8550G + 8600M Dual	617	1442	NA	NA
Radeon R6	617	1441	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1444	NA	NA
Radeon HD 7570	616	1443	6.02	$102.49*
FireGL V7600	615	1445	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + HD 8550G + HD 8600M + HD 8600M D	611	1448	NA	NA
7900 MOD - Radeon HD 6520G	610	1450	NA	NA
GeForce GT 720	610	1449	6.11	$99.99*
Radeon HD 8610G + 8500M Dual	610	1451	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1452	6.76	$89.99*
Radeon HD 7640G + HD 8500M Dual	607	1454	NA	NA
Radeon R7 A360	607	1453	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1455	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1457	NA	NA
Radeon R6 M255DX	605	1456	NA	NA
Intel HD P4600	604	1458	NA	NA
Radeon HD 8550G + 8500M Dual	602	1459	NA	NA
GeForce 910M	601	1460	NA	NA
GeForce GT 430	600	1461	4.29	$139.99*
GeForce GTS 250	600	1462	8.58	$69.99*
Radeon HD 8610G + 8670M Dual	599	1463	NA	NA
Matrox C420 LP PCIe x16	597	1466	NA	NA
Radeon R7 PRO A12-8800B	597	1464	NA	NA
Radeon Vega 3 Athlon Gold 3150U	597	1465	NA	NA
Radeon HD 8510G + 8500M Dual	596	1467	NA	NA
Radeon HD 7640G + 7470M Dual	595	1469	NA	NA
Radeon R5 M330	595	1468	NA	NA
Qualcomm Adreno 7c+ Gen 3	594	1470	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1472	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A12-8830B	593	1471	NA	NA
Surface Duo Adreno 640 GPU	592	1473	NA	NA
Radeon HD 7520G + 7600M Dual	591	1474	NA	NA
GeForce 8800 GTX	590	1476	4.92	$119.99*
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1475	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1477	NA	NA
Intel HD 5500	588	1478	NA	NA

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

Video Card

Radeon HD 8610G + 8600M Dual	588	1479	NA	NA
Radeon HD 7660G + 8670M Dual	587	1482	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1483	NA	NA
Radeon R5 A6-8500P	586	1484	NA	NA
Quadro FX 3800M	585	1486	NA	NA
Radeon HD 7640G + 8500M Dual	585	1485	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1487	NA	NA
Intel HD 5000	583	1488	0.93	$625.00*
Radeon HD 7520G + 7500/7600 Dual	582	1489	NA	NA
Radeon HD 8550G + 8670M Dual	579	1490	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1491	NA	NA
Radeon HD 7620G + 8670M Dual	577	1493	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1492	NA	NA
Intel Skylake HD DT GT2	576	1494	NA	NA
Radeon R5 A240	576	1495	NA	NA
GeForce GTX 280M	575	1496	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1497	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1499	NA	NA
Radeon R5 420	574	1498	14.39	$39.95*
GeForce GT 550M	573	1501	NA	NA
GeForce GT 720A	573	1500	NA	NA
Quadro 500M	570	1502	2.07	$275.14*
Radeon HD 7650A	570	1504	2.18	$262.00*
Radeon R6 + R7 M265DX Dual	570	1505	NA	NA
Radeon Vega 3 3020e	570	1503	NA	NA
Quadro 1000M	569	1506	10.46	$54.50*
GeForce 8800 GTS 512	568	1508	NA	NA
Radeon HD 7560D + 6450 Dual	568	1507	NA	NA
GeForce GT 820M	567	1509	NA	NA
Radeon R7 M360	567	1510	NA	NA
Radeon HD 8550D	566	1511	NA	NA
Radeon HD 6610M	565	1512	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 635M	560	1516	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1517	NA	NA
Radeon HD 7640G + 8570M Dual	558	1520	NA	NA
Radeon HD 7640G + 8670M Dual	558	1519	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1518	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 240	556	1521	8.56	$64.99*
GeForce 820A	555	1523	NA	NA
Radeon Athlon PRO 3045B	555	1524	NA	NA
Radeon HD 3870	555	1525	7.93	$69.99*
Radeon HD 6570	555	1522	8.55	$64.99*
GeForce 9800M GS	554	1526	NA	NA
GF117	554	1527	NA	NA
GeForce GTS 250M	553	1528	NA	NA
Radeon R7 7850A10-7850K	551	1529	NA	NA
FireGL V8650	550	1530	1.84	$298.99*
Radeon R5 M335	548	1531	NA	NA
Mobility Radeon HD 3870	547	1533	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1532	NA	NA
FirePro 3D V5700	546	1534	1.71	$319.99*
Radeon HD 8550G + HD 8670M Dual	546	1535	NA	NA
FirePro 3D V7750	545	1539	1.56	$350.00*
GeForce 615	545	1537	NA	NA
Radeon HD 8450G + 8600M Dual	545	1538	NA	NA
Radeon R7 M265	545	1536	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1540	NA	NA
Radeon Vega 2 Athlon Silver 3050U	544	1541	NA	NA
Quadro FX 2700	543	1543	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1542	NA	NA
Radeon HD 7520G + 7470M Dual	542	1544	NA	NA
GeForce GT 630M	540	1545	NA	NA
Qualcomm Adreno 675 GPU	539	1547	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R6 PRO A10-8700B 4C+6G	538	1549	NA	NA
Radeon R6 A10-8700P	536	1550	NA	NA
Quadro 600	534	1551	7.03	$76.00*
Radeon HD 7560D + HD 7000 Dual	534	1552	NA	NA
Radeon R5 M255	534	1553	NA	NA
GRID K180Q	533	1554	NA	NA
Radeon HD 8550G + 8570M Dual	532	1555	NA	NA
RADEON HD6530D	531	1557	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1556	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1559	NA	NA
Radeon HD 8670D	529	1558	NA	NA
GeForce GT 435M	528	1560	NA	NA
GeForce GT 425M	527	1561	NA	NA
Mobility Radeon HD 5570	527	1562	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1564	NA	NA
Radeon HD 7640G + 6400M Dual	526	1563	NA	NA
Quadro FX 5600	525	1566	1.78	$295.00*
Radeon HD 8650G	525	1565	NA	NA
Radeon 6600M	523	1568	NA	NA
Radeon HD 7520G + 7670M Dual	523	1570	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1567	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7660G + HD 7600M Dual	523	1569	NA	NA
Intel HD 4400	520	1571	NA	NA
Radeon HD 8670M	520	1573	NA	NA
Radeon R5 330	520	1572	1.53	$339.99*
Radeon HD 7640G + HD 7670M Dual	518	1574	NA	NA
IncrediblE HD 4000	517	1575	NA	NA
Intel HD P4000	516	1576	NA	NA
NVS 5200M	512	1577	NA	NA
Mobility Radeon HD 4830	511	1578	NA	NA
GeForce GT 240	510	1579	3.17	$160.97*

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

Video Card

Radeon R5 PRO A6-8500B 2C+4G	508	1583	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1585	NA	NA
Radeon Vega 3 Athlon Silver 3050e	507	1584	NA	NA
GeForce 9800 GTX+	506	1586	NA	NA
Radeon Vega 2	506	1587	NA	NA
GeForce GTS 150M	504	1588	NA	NA
Radeon HD 7660D	503	1590	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1589	NA	NA
Mobility Radeon HD 5730	500	1591	NA	NA
Radeon R7 M265DX	498	1592	NA	NA
TRINITY SCRAPPER MOBILE	498	1593	NA	NA
GeForce 820M	497	1595	NA	NA
Radeon HD 7500G + 7550M Dual	497	1596	NA	NA
SUMO 964A	497	1594	NA	NA
ASUS EAH4870x2	496	1598	NA	NA
Radeon HD 8690A	496	1597	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1600	NA	NA
Radeon R7 M260	495	1599	0.62	$799.00*
Radeon HD8530M	490	1601	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1602	NA	NA
GeForce 9600 GT	487	1604	7.50	$64.99*
Radeon HD 8550G + R5 M230 Dual	487	1603	NA	NA
Radeon R4E	487	1605	NA	NA
Radeon HD 7520G + 7400M Dual	486	1606	NA	NA
Radeon R5 M420	486	1607	NA	NA
GeForce 8800 GT	481	1608	6.89	$69.99*
Radeon HD 8610G + HD 8600M Dual	480	1609	NA	NA
Radeon HD 5570	479	1610	2.62	$183.08*
GeForce GT 540M	478	1613	5.44	$87.95*
GeForce GT 625M	478	1612	NA	NA
Mobility Radeon HD 5000 Serisi	478	1611	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1614	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G + HD 7500M/7600M Dual	476	1618	NA	NA
GeForce 710A	475	1621	NA	NA
Radeon HD 7670M	475	1620	0.75	$629.99*
Radeon HD 7640G + HD 8570M Dual	474	1624	NA	NA
Radeon HD 8450G + 8670M Dual	474	1623	NA	NA
Radeon R6 A8-8600P	474	1622	NA	NA
FirePro 3D V3800	472	1625	3.15	$149.99*
Radeon HD 7660G	471	1626	NA	NA
Radeon HD 8570D + R5 235 Dual	470	1627	NA	NA
Quadro FX 1800M	466	1629	NA	NA
Quadro FX 3600M	466	1628	NA	NA
Radeon HD 7660D + 7470 Dual	465	1631	NA	NA
SUMO 9644	465	1630	NA	NA
FirePro V5700	464	1634	2.47	$188.06*
GeForce GT 320	464	1633	14.22	$32.69*
Radeon HD 7550M	464	1632	NA	NA
Mobility Radeon HD 4670	463	1635	NA	NA
GeForce 8800M GTX	462	1637	NA	NA
GeForce 9800 GT	462	1636	6.17	$74.99*
GeForce GT 720M	461	1638	NA	NA
GeForce 710M	460	1639	NA	NA
GeForce GT 525M	460	1640	NA	NA
Intel HD Family	460	1642	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1641	NA	NA
Radeon 3020e	459	1643	NA	NA
Radeon HD 7640G	459	1644	NA	NA
GeForce 800M	457	1645	NA	NA
GeForce GT625M	457	1646	NA	NA
Quadro FX 3700M	456	1648	0.49	$925.00*
Radeon HD 7560D	456	1647	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8450G + HD 8600M Dual	452	1652	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1653	NA	NA
Radeon R5 M240	449	1654	NA	NA
Mobility Radeon HD 5650	448	1655	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1656	NA	NA
GeForce GT 710M	445	1658	NA	NA
PHDGD Ivy 5	445	1659	NA	NA
Radeon HD 7660G + 8600M Dual	445	1657	NA	NA
Radeon R5 M320	444	1660	NA	NA
Radeon HD 8570D	443	1661	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1662	NA	NA
Radeon HD 7650M	442	1663	NA	NA
Radeon HD 8570M	441	1664	NA	NA
Quadro 410	438	1665	3.40	$129.00*
Radeon HD 7600G + HD Dual	435	1666	NA	NA
Radeon HD 8410G	435	1667	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 620M	434	1668	NA	NA
Radeon HD 3850 AGP	432	1669	NA	NA
Quadro FX 4600	430	1670	1.29	$333.25*
Radeon HD 7570M	428	1671	NA	NA
Radeon HD 8610G	425	1672	NA	NA
FirePro M2000	424	1673	NA	NA
GeForce GT 420	423	1675	2.73	$155.00*
Radeon HD 7600G + 7550M Dual	423	1676	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1674	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1678	NA	NA
RADEON HD6410D	422	1677	NA	NA
Intel 4th Generation Haswell HD	419	1680	NA	NA
Radeon HD 8500M	419	1679	NA	NA
GeForce 8800 GTS	417	1681	5.21	$79.99*
Quadro FX 2800M	413	1682	2.18	$190.00*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G	410	1685	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1686	NA	NA
GeForce GTS 350M	407	1687	NA	NA
Radeon HD 7470M	407	1688	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1689	NA	NA
GeForce GT 420M	405	1692	NA	NA
RADEON E4690	405	1691	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1690	NA	NA
Quadro FX 1800	403	1693	2.99	$135.00*
Mobility Radeon HD 4650	401	1694	NA	NA
Radeon HD 6550D	400	1695	NA	NA
GeForce GT 330	397	1696	9.94	$39.99*
Radeon HD 8650D	396	1697	NA	NA
Radeon R5 Opteron X3216	394	1698	NA	NA
Intel HD 5300	393	1699	NA	NA
Radeon HD 3850	392	1700	NA	NA
IncredibIE HD	389	1702	NA	NA
Radeon HD 7600G + 7450M Dual	389	1701	NA	NA
GeForce 7900 GTX	387	1703	NA	NA
GeForce GT 335M	384	1704	NA	NA
GeForce 8800M GTS	382	1705	NA	NA
GeForce 9800M GT	381	1706	NA	NA
GeForce GT 130	381	1707	2.52	$151.34*
Radeon HD 4670	380	1708	2.66	$142.96*
GeForce GTX 260M	379	1709	NA	NA
GeForce GT 620	377	1712	2.45	$154.00*
Quadro FX 3700	377	1710	1.77	$213.27*
Radeon HD 6490M	377	1711	0.32	$1,193.03*
GeForce 9800M GTS	376	1716	NA	NA
Radeon HD 5550	376	1715	6.85	$54.99*
Radeon HD 7520G + 8750M Dual	376	1713	NA	NA
Radeon HD 7600G + 6400M Dual	376	1714	NA	NA

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

Video Card

PHDGD Ivy 4	374	1719	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1718	NA	NA
Quadro FX 2700M	370	1721	3.70	$99.95*
Radeon 3015e	370	1720	NA	NA
Intel UHD Graphics 605	369	1722	NA	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1723	NA	NA
Matrox Millennium P690 PCIe x16	366	1724	NA	NA
Mobility Radeon HD 3850	365	1726	NA	NA
Radeon HD4670	365	1725	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1727	NA	NA
Radeon HD 8470D	364	1728	NA	NA
Radeon HD 7620G	363	1729	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1730	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1731	NA	NA
Radeon HD 8510G	356	1732	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1733	NA	NA
Intel HD 505	354	1734	NA	NA
GeForce GT 625	353	1735	NA	NA
Mobility Radeon HD 565v	353	1737	NA	NA
Radeon HD 6480M	353	1736	NA	NA
ZX C-1080	351	1738	NA	NA
Radeon HD 7580D	350	1739	NA	NA
Radeon HD 8450G	348	1740	NA	NA
Intel HD 4000	345	1741	0.22	$1,592.95*
GeForce 7950 GT	344	1742	1.69	$203.99*
FireGL V5600	341	1745	1.52	$225.00*
FirePro 3D V3750	341	1743	6.71	$50.88*
Radeon HD 6620G	341	1744	NA	NA
Radeon HD 8310E	340	1746	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1747	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1748	NA	NA
Radeon HD 6530D	337	1749	NA	NA

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

Video Card

Radeon R4	334	1752	0.84	$396.99
Radeon HD 7600G + 8500M/8700M Dual	333	1753	NA	NA
GeForce GT 705	331	1755	1.12	$296.76*
Radeon R5 310	331	1754	0.66	$499.00*
GeForce 8800 GS	330	1757	NA	NA
Radeon HD 7540D	330	1756	NA	NA
GeForce 9600 GSO 512	329	1758	NA	NA
Radeon HD 7450M	329	1759	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1760	NA	NA
GeForce 9600 GSO	327	1762	6.54	$49.99*
Radeon HD 7600G	327	1761	NA	NA
GeForce GT 120 / 9500 GT	324	1763	NA	NA
GeForce GT 230	323	1765	7.35	$43.99*
Radeon E6460	323	1764	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics 600	321	1766	NA	NA
FirePro V3800	320	1767	2.57	$124.99*
GeForce 605	320	1769	2.34	$136.83*
RADEON HD6370D	320	1768	NA	NA
GeForce 240M GT	319	1770	NA	NA
Mobility Radeon HD 560v	318	1771	NA	NA
Radeon HD 7520G	315	1772	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1774	NA	NA
Radeon HD 8370D	311	1773	NA	NA
GeForce GT 520	310	1775	1.02	$304.00*
GeForce GT 610	308	1777	2.20	$139.99*
Radeon HD 7420G	308	1776	NA	NA
Radeon HD 7500G	307	1778	NA	NA
Quadro FX 3500M	306	1779	3.06	$99.99*
Radeon HD 8350G	304	1781	NA	NA
Radeon R3	304	1780	NA	NA
NVS 315	301	1782	4.31	$69.99*

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

Video Card

Radeon R5E	296	1786	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1788	NA	NA
GRID K120Q	293	1787	NA	NA
Radeon HD 2900 GT	292	1789	NA	NA
GeForce 610M	291	1790	NA	NA
GeForce 7800 GTX	290	1791	4.06	$71.60*
Radeon HD 7470	289	1792	3.55	$81.37*
Radeon HD 7450A	288	1793	NA	NA
GeForce 7950 Xtreme	287	1794	NA	NA
GeForce GT 415M	286	1796	NA	NA
Intel HD P3000	286	1795	NA	NA
Mobility Radeon HD 5165	284	1797	NA	NA
Qualcomm Adreno 630 GPU	282	1798	NA	NA
Radeon HD 2600 XT	282	1799	1.78	$159.00*
GeForce 9600 GS	281	1800	NA	NA
GeForce GT 520M	280	1801	9.38	$29.95*
GeForce GT 520MX	280	1802	NA	NA
GeForce 9700M GTS	278	1804	NA	NA
Radeon HD 7480D	278	1803	NA	NA
Radeon R5 235X	277	1805	NA	NA
NVS 4200M	276	1806	0.69	$399.00*
Radeon HD 6370M	275	1807	NA	NA
Radeon HD 8400E	275	1808	NA	NA
GeForce 9650M GS	270	1810	NA	NA
GeForce Go 7900 GTX	270	1809	NA	NA
Radeon HD 8280G	269	1811	NA	NA
Radeon HD 5470	268	1812	NA	NA
Radeon HD 7400G	267	1813	NA	NA
Mobility Radeon HD 550v	266	1814	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 7950 GTX	263	1815	NA	NA
Radeon HD 8490	263	1816	2.93	$89.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8330	260	1819	NA	NA
Quadro FX 3500	259	1821	3.77	$68.98*
GeForce 7900 GT	258	1822	1.30	$199.00*
GeForce 410M	257	1823	NA	NA
Radeon HD 6480G	256	1824	NA	NA
Intel HD 3000	255	1825	0.27	$945.00*
Radeon HD 6370D	255	1826	NA	NA
GeForce 510	254	1827	3.64	$69.99*
GeForce 7900 GS	253	1828	NA	NA
Quadro NVS 510M	253	1829	NA	NA
GeForce GT 415	251	1831	NA	NA
Radeon HD 8330E	251	1832	NA	NA
Radeon HD 8470	251	1830	NA	NA
Radeon HD 7640G + 8600M Dual	249	1833	NA	NA
GeForce 7900 GT/GTO	247	1834	NA	NA
NVS 310	246	1835	3.97	$62.06*
Radeon R2	246	1836	NA	NA
GeForce 7800 GT	244	1837	3.05	$80.00*
Quadro FX 5500	242	1838	0.12	$1,999.00*
Radeon HD4650	239	1839	1.57	$152.90*
RDPDD Chained DD	239	1840	NA	NA
Radeon HD 4650	238	1841	3.40	$69.99*
Mobility Radeon HD 5470	236	1844	NA	NA
Quadro FX 4500 X2	236	1845	NA	NA
Radeon HD 6410D	236	1842	NA	NA
Radeon HD 8280E	236	1843	NA	NA
Mobile Intel HD	235	1846	0.49	$479.98*
Radeon HD 4550	235	1847	1.51	$156.00*
Radeon HD 8240	234	1848	NA	NA
Mobility Radeon HD 3670	232	1850	NA	NA
Quadro FX 570	232	1849	2.02	$115.00*
Radeon E6465	231	1851	NA	NA

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

Video Card

Radeon HD 7450	224	1855	4.50	$49.99
GT 430	223	1856	1.56	$142.88*
Intel G965 Express	222	1857	NA	NA
Radeon HD 7340M	221	1859	NA	NA
Radeon R5 230	221	1858	2.74	$81.10*
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1861	NA	NA
Quadro FX 770M	220	1860	0.42	$527.00*
Mobility FireGL V5725	219	1862	NA	NA
GeForce 7600 GT	217	1865	1.09	$199.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 2500M	217	1863	12.45	$17.50*
Radeon HD 8250	217	1864	NA	NA
Radeon HD 6320 Graphic	216	1866	NA	NA
Mobility Radeon. HD 5470	215	1867	NA	NA
Quadro FX 880M	215	1868	NA	NA
GeForce GT 220	214	1869	5.38	$39.99*
GeForce GT 330M	214	1871	NA	NA
Mobility Radeon HD 5450	214	1870	NA	NA
GeForce GT 240M	213	1872	NA	NA
Intel HD 2000	213	1873	NA	NA
GeForce GT 230M	212	1875	NA	NA
Radeon R2E	212	1874	NA	NA
Radeon HD 2600 PRO	211	1876	1.12	$188.44*
GeForce Go 7600 GT	210	1877	NA	NA
GeForce 320M	209	1878	NA	NA
GeForce Go 7800 GTX	209	1879	NA	NA
GeForce 9700M GT	208	1880	NA	NA
Quadro NVS 320M	208	1881	NA	NA
Radeon HD 4650 AGP	207	1882	NA	NA
Barco MXRT 1450	205	1884	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1885	NA	NA
Radeon R3E	205	1883	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 545v	199	1889	NA	NA
RADEON HD7450	199	1890	8.95	$22.25*
Radeon HD 6320M	198	1891	NA	NA
Radeon HD 6450	198	1892	2.23	$89.00*
Radeon HD 7340G	196	1893	NA	NA
Intel Infoshock HD	193	1894	NA	NA
Radeon HD 8210E	193	1895	NA	NA
Radeon HD 6430M	192	1896	NA	NA
GeForce 6800 GS	191	1898	NA	NA
Mobility Radeon HD 2600 XT	191	1897	NA	NA
Mobility Radeon HD 4550	191	1899	NA	NA
Mobility Radeon HD 540v	188	1901	NA	NA
NVS 5100M	188	1900	NA	NA
GeForce 9500 GS	187	1903	NA	NA
Radeon HD 8210	187	1902	NA	NA
GeForce G100	184	1904	9.24	$19.99*
Mobility Radeon HD 5430	181	1905	NA	NA
Barco MXRT 7100	180	1907	NA	NA
Radeon HD 7310G	180	1906	NA	NA
FireGL V3600	179	1908	1.12	$160.99*
Quadro FX 3450/4000 SDI	179	1909	NA	NA
Radeon HD 6230	179	1910	NA	NA
FirePro 3D V3700	178	1911	2.10	$84.99*
GeForce 7800 GS	177	1912	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce Go 7900 GS	176	1913	NA	NA
Mobility Radeon HD 530v	174	1914	NA	NA
Radeon HD 7310 - Carte graphique	174	1915	NA	NA
Intel Q965/Q963 Express	172	1917	NA	NA
Quadro FX 1700M	172	1916	NA	NA
Quadro FX 1500M	171	1918	NA	NA
FirePro 2460	170	1920	2.03	$83.99*

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

Video Card

Quadro FX 1500	169	1922	1.48	$115.01
GeForce 9200	168	1925	NA	NA
GeForce GT 120	168	1924	5.63	$29.99*
GeForce G102M	167	1927	NA	NA
Mobility Radeon HD 2600	167	1926	NA	NA
Radeon HD 7310M	166	1928	NA	NA
Intel HD manual-gen9_2015-133271	165	1929	NA	NA
Radeon HD 7350	165	1930	NA	NA
Radeon HD 8350	162	1931	1.63	$99.81*
Quadro FX 580	161	1932	1.24	$130.00*
Quadro FX 1700	160	1933	0.46	$350.14*
GeForce 315	158	1934	4.80	$32.99*
GeForce 7600 GS	157	1937	0.90	$175.00*
GeForce 9500 GT	157	1936	1.83	$85.99*
Quadro FX 380	157	1935	2.17	$72.50*
Radeon HD 3450	156	1938	1.76	$89.00*
GeForce 8200	155	1939	NA	NA
Radeon HD 4300/4500 Serisi	155	1940	NA	NA
Radeon HD 3670	153	1941	NA	NA
Radeon HD 7340	153	1942	0.28	$552.69*
Radeon X1950 CrossFire Edition	151	1943	NA	NA
GeForce 305M	150	1945	NA	NA
GeForce 8400 GS	150	1946	1.75	$85.97*
GeForce GT 120M	150	1944	NA	NA
Radeon HD 3650 AGP	150	1947	0.81	$185.00*
GeForce 8600 GTS	149	1948	0.62	$241.99*
Mobility Radeon HD 4350	148	1951	NA	NA
Quadro 400	148	1950	0.70	$211.00*
Quadro FX 3450	148	1949	1.24	$119.99*
GeForce Go 7700	147	1953	NA	NA
Radeon HD 6320	147	1952	0.27	$554.99*
ZX Chrome 645/640 GPU	147	1954	NA	NA

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

Video Card

GeForce 9400 GT	144	1958	0.91	$159.99
GeForce 6600 GT	143	1960	2.21	$64.95*
GeForce 9200M GE	143	1961	NA	NA
Radeon HD 6300M	143	1959	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 2270	142	1962	1.06	$134.00*
GeForce 6800 GT	142	1964	NA	NA
Mobility Radeon HD 4570	142	1963	1.88	$75.90*
Mobility Radeon HD 3650	140	1969	1.91	$73.53*
nForce 760i SLI	140	1970	NA	NA
Radeon HD 4290	140	1966	NA	NA
Radeon HD 6290M	140	1968	NA	NA
RADEON HD 6350	140	1965	2.39	$59.00*
Radeon X1800 GTO	140	1967	NA	NA
Intel Haswell HD - GT2	139	1972	NA	NA
NVS 2100M	139	1971	NA	NA
GeForce 6800 Ultra	138	1973	NA	NA
Radeon HD 8180	138	1974	NA	NA
GeForce 9650M GT	137	1977	1.17	$117.30*
GeForce Go 6800 Ultra	137	1975	NA	NA
Quadro NVS 160M	137	1976	NA	NA
Radeon X1900 CrossFire Edition	137	1978	NA	NA
GeForce 7300 GT	136	1979	0.91	$149.99*
GeForce 8500 GT	136	1981	NA	NA
GeForce G200	136	1982	NA	NA
Radeon HD 5450	136	1980	1.44	$94.96*
GeForce 9600M GT	135	1983	1.74	$78.20*
Mobility Radeon HD 4330	135	1984	NA	NA
EAH5450	134	1988	1.22	$109.99*
GeForce 7650 GS	134	1990	NA	NA
GeForce 9500M GS	134	1989	NA	NA
GeForce 9800 GT 1024MB	134	1987	NA	NA

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

Video Card

Radeon HD 4350	132	1992	1.29	$102.24
VIA/S3G C-645/640 GPU	132	1993	NA	NA
Quadro FX 1600M	131	1994	0.87	$149.90*
MOBILITY RADEON X1800	130	1995	NA	NA
RADEON X800 SE	129	1996	NA	NA
FireGL V7300	128	1999	0.11	$1,189.99*
GeForce 9300 / nForce 730i	128	1997	NA	NA
Radeon HD 7310	128	1998	NA	NA
All-in-Wonder X1900	127	2001	NA	NA
GeForce Go 7600	127	2000	NA	NA
GeForce 205	126	2004	NA	NA
GeForce 9300	126	2002	2.15	$59.00*
Qualcomm Adreno 618 GPU	126	2005	NA	NA
Radeon HD 3300	126	2003	NA	NA
GeForce 8700M GT	124	2007	NA	NA
Quadro FX 1400	124	2008	0.51	$245.01*
Seria Mobility Radeon HD 3400	124	2006	NA	NA
GeForce 6800 XT	123	2012	NA	NA
GeForce 8600 GT	123	2010	0.63	$196.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G105M	123	2009	NA	NA
Intel Haswell HD - GT1	123	2013	NA	NA
Radeon HD 7290M	123	2011	NA	NA
Intel G41 Express Chipset	122	2016	NA	NA
Quadro FX 380 LP	122	2014	NA	NA
Radeon HD 4250	122	2015	NA	NA
Radeon HD 6310	122	2017	NA	NA
GeForce 9500M G	121	2020	NA	NA
GeForce GT 220M	121	2018	NA	NA
NVS 300	121	2019	1.93	$62.97*
Extreme AX850 PRO	120	2024	NA	NA
GeForce 405	120	2023	4.89	$24.64*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 505	118	2030	1.03	$115.06
GeForce 9600M GS	118	2031	NA	NA
Qualcomm Adreno 540 GPU	118	2029	NA	NA
Radeon HD 2400 XT	118	2026	NA	NA
Radeon HD 3470	118	2028	1.08	$109.65*
RV530 PRO	118	2027	NA	NA
FireMV 2260	117	2032	1.33	$88.08*
Mobile Intel 45 Express-Chipsatzfamilie	117	2033	NA	NA
FireGL V7200	116	2037	NA	NA
GeForce G210M	116	2036	NA	NA
PHDGD Quantic C3	116	2034	NA	NA
Radeon X1700 Targa Edition	116	2035	NA	NA
GeForce 310M	115	2038	NA	NA
GeForce 315M	115	2042	NA	NA
GeForce 8300 GS	115	2041	NA	NA
Radeon HD 4330	115	2040	NA	NA
Radeon X1600 XT	115	2039	NA	NA
FireGL V5200	114	2046	0.86	$133.40*
GeForce Go 7800	114	2045	NA	NA
NVS 3100M	114	2044	NA	NA
Radeon HD 2400 Pro	114	2047	NA	NA
RADEON X800 GTO	114	2043	NA	NA
Quadro FX 560	113	2048	0.76	$150.25*
FirePro 2260	112	2050	NA	NA
GeForce 210	112	2053	2.08	$54.15*
GeForce 6800	112	2051	0.20	$559.29*
GeForce 8400M GS	112	2054	1.44	$78.20*
Intel HD Modded	112	2055	NA	NA
Radeon X1950 Pro	112	2049	NA	NA
Sapphire RADEON X800 GT	112	2052	NA	NA
GeForce 9200M GS	111	2058	NA	NA
Mobility Radeon HD 3400 Serisi	111	2059	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
FireGL V7350	110	2060	0.95	$119.42
Radeon HD 2600 Pro AGP	110	2061	NA	NA
GeForce 6800 LE	109	2063	NA	NA
Radeon HD 4270	109	2062	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2064	NA	NA
Intel G45/G43 Express Chipset	108	2065	NA	NA
Intel Media Accelerator HD	108	2066	NA	NA
Quadro FX 370 LP	108	2067	NA	NA
GeForce Go 6800	106	2070	NA	NA
Radeon Infoshock 3000	106	2068	NA	NA
Radeon X1950 GT	106	2069	NA	NA
GeForce GT 320M	105	2072	NA	NA
GeForce9400M	105	2071	NA	NA
Radeon HD 6290	105	2073	NA	NA
GeForce 9450	104	2074	NA	NA
M880G with Mobility Radeon HD 4250	104	2077	NA	NA
Mobility Radeon X1700	104	2075	NA	NA
Quadro FX 3400/4400	104	2076	NA	NA
Quadro FX 570M	104	2078	NA	NA
FireGL V3400	103	2080	NA	NA
GeForce 9500M	103	2079	1.02	$101.20*
GeForce 6800 GS/XT	102	2084	NA	NA
GeForce 9300 GS	102	2085	1.71	$59.95*
GeForce G210	102	2083	0.84	$122.12*
Mobility Radeon HD 2400 XT	102	2086	NA	NA
Quadro FX 370 Low Profile	102	2081	NA	NA
Quadro NVS 420	102	2082	0.69	$150.00*
GeForce 8300	101	2088	4.48	$22.68*
GeForce 9400M	101	2089	NA	NA
Quadro FX 4000	101	2090	NA	NA
Quadro FX Go1400	101	2087	NA	NA
Matrox G200e WDDM 2.0	100	2091	NA	NA

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

Video Card

Radeon 3000	98	2093	0.31	$319.00
Radeon X1600 Pro	98	2092	NA	NA
GeForce 9300GE	97	2098	1.01	$97.20*
ION LE	97	2097	NA	NA
Quadro NVS 130M	97	2100	NA	NA
RADEON X800 XT	97	2099	NA	NA
Mobility Radeon HD serie 4200	96	2101	NA	NA
GeForce 6700 XL	95	2103	NA	NA
Radeon HD 3000	95	2102	NA	NA
GeForce 9300M GS	94	2105	2.17	$43.42*
MEDION RADEON X740XL	94	2104	NA	NA
Quadro NVS 295	94	2106	1.49	$63.00*
Mobility Radeon HD 3470	93	2109	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2107	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 370M	93	2110	NA	NA
Radeon HD 6250	93	2108	NA	NA
FireGL V5100	92	2113	0.81	$114.96*
M880G with Mobility Radeon HD 4200	92	2112	NA	NA
Mobility Radeon HD 4270	92	2111	NA	NA
Mobility Radeon X1600	92	2114	NA	NA
nForce 780a SLI	92	2115	NA	NA
GeForce 8600 GS	91	2116	NA	NA
GeForce G205M	91	2118	NA	NA
Mobility Radeon HD 3450	91	2119	NA	NA
RADEON X600XT	91	2117	NA	NA
Mobility Radeon HD 4200	90	2120	NA	NA
GeForce 7500 LE	89	2124	NA	NA
GeForce 8600M GT	89	2121	0.83	$108.10*
Matrox G200eW3 WDDM 2.0	89	2123	NA	NA
Mobility Radeon HD 2400	89	2122	NA	NA
GeForce 6610 XL	88	2125	NA	NA

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

Video Card

ALL-IN-WONDER X800 GT	84	2132	NA	NA
FireGL V3200	84	2129	NA	NA
GeForce 9300M G	84	2131	NA	NA
ION	84	2134	0.37	$229.99*
Radeon X1300 PRO	84	2133	NA	NA
Radeon X1650 Pro	84	2130	0.53	$160.89*
RADEON X800 GT	84	2135	NA	NA
GeForce 999 GTX	83	2136	NA	NA
nForce 750a SLI	83	2138	NA	NA
Quadro FX 370	83	2137	0.67	$125.00*
Radeon HD 3200	82	2139	NA	NA
GeForce 8400	81	2146	0.14	$589.99*
GeForce 9100	81	2140	NA	NA
GeForce 9300 SE	81	2144	NA	NA
MOBILITY FireGL V5000	81	2143	NA	NA
Mobility Radeon 4100	81	2148	NA	NA
Mobility Radeon X2500	81	2142	NA	NA
nForce 980a/780a SLI	81	2145	NA	NA
RADEON X800 XT Platinum Edition	81	2147	NA	NA
RADEON X850 XT	81	2149	NA	NA
RADEON X850 XT Platinum Edition	81	2141	NA	NA
GeForce 7300 LE	80	2151	2.50	$32.00*
Quadro FX 540	80	2150	1.35	$59.99*
GeForce 8100 / nForce 720a	79	2153	NA	NA
RADEON X800GT	79	2152	NA	NA
GeForce 7300 GS	78	2154	NA	NA
Intel Q35 Express	77	2155	NA	NA
GeForce 9300 GE	76	2157	3.31	$22.99*
Radeon HD 2350	76	2156	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
M860G with Mobility Radeon 4100	75	2159	NA	NA
RADEON X700 PRO	75	2158	NA	NA

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

Video Card

Mobility Radeon HD 4300 Series	73	2165	NA	NA
Radeon 3100	73	2163	0.39	$186.82*
RADEON X800 PRO/GTO	73	2164	NA	NA
RADEON X700	72	2167	NA	NA
RADEON X850 PRO	72	2166	NA	NA
FireGL V7100	71	2168	0.22	$328.67*
M880G with Mobility Radeon HD 4225	71	2170	NA	NA
MEDION RADEON 9800 XXL	71	2169	NA	NA
Radeon X1650 SE	71	2172	NA	NA
RADEON X700 SE	71	2171	NA	NA
Diamond X1300-PCIE 256MB	70	2177	NA	NA
FireGL V3300	70	2174	NA	NA
GeForce 8600M GS	70	2175	NA	NA
Quadro NVS 150M	70	2176	NA	NA
Radeon X550XTX	70	2173	NA	NA
BASICDISPLAY	69	2178	NA	NA
GeForce Go 6600	69	2179	NA	NA
Quadro FX 3000	69	2183	0.41	$166.61*
Quadro NVS 140M	69	2182	NA	NA
Radeon X1600 Pro / X1300XT	69	2181	NA	NA
RADEON X800 XL	69	2180	NA	NA
FireGL V3350	68	2184	NA	NA
GeForce 8400 SE	68	2185	NA	NA
GeForce 9100M G	68	2186	NA	NA
GeForce 9400M G	67	2189	NA	NA
Intel G45/G43/G41 Express Chipset	67	2187	NA	NA
Matrox G200eR WDDM 2.0	67	2188	NA	NA
RADEON X600 PRO	67	2190	0.42	$160.49*
GeForce 8400M GT	66	2193	NA	NA
Mobility Radeon HD 4225	66	2195	NA	NA
MOBILITY RADEON X700	66	2192	NA	NA
Quadro NVS 450	66	2191	0.42	$159.00*

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

Video Card

Quadro FX 550	63	2198	0.22	$287.82
GeForce G 103M	62	2202	NA	NA
GeForce G 105M	62	2199	NA	NA
Intel HD manual-15.28-1861	62	2201	NA	NA
MOBILITY FireGL V3200	62	2203	NA	NA
Mobility Radeon HD 3410	62	2200	NA	NA
SAPPHIRE Radeon X1550	61	2204	NA	NA
FireGL X1	59	2210	NA	NA
GeForce FX 5950 Ultra	59	2209	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox G200e WDDM 1.2	59	2208	NA	NA
MOBILITY RADEON X700 XL	59	2205	NA	NA
Radeon 2100	59	2206	0.31	$190.99*
RADEON 9800 PRO	59	2207	NA	NA
GeForce 6800 XE	58	2211	NA	NA
GeForce 8200M G	58	2214	NA	NA
GeForce 8400M G	58	2212	NA	NA
Radeon X1300	58	2213	0.61	$95.78*
Intel - Express Chipset Q45/Q43	57	2215	NA	NA
Intel G41 Express-Chipsatz	57	2217	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2218	NA	NA
RADEON 9800	57	2216	0.18	$325.00*
Intel - Express Chipset G41	56	2220	NA	NA
RADEON 9800 XT	56	2219	NA	NA
RADEON X550XT	56	2222	NA	NA
RADEON X600 256MB HyperMemory	56	2221	NA	NA
GeForce 6200 TurboCache	53	2224	NA	NA
RADEON 9700 PRO	53	2223	NA	NA
FireGL V3100	52	2225	NA	NA
GeForce Go 7300	52	2228	NA	NA
Quadro NVS 135M	52	2227	NA	NA
Radeon Xpress 1300	52	2226	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX G05700	51	2231	NA	NA
Matrox G200eh WDDM 1.2	51	2229	NA	NA
RADEON E2400	51	2230	NA	NA
Matrox G200eW WDDM 1.2	50	2238	NA	NA
Mobility Radeon HD 2300	50	2236	NA	NA
MOBILITY RADEON X600	50	2237	NA	NA
RADEON X550	50	2235	NA	NA
Intel G33/G31 Express	49	2241	NA	NA
MOBILITY RADEON X600 SE	49	2240	NA	NA
Radeon X1050	49	2242	NA	NA
Radeon X1600	49	2239	NA	NA
RADEON X600 SE	49	2243	0.87	$56.18*
Mobility Radeon X2300	48	2245	NA	NA
Mobility Radeon X2300 HD	48	2244	NA	NA
GeForce 7300 SE/7200 GS	47	2246	NA	NA
Mobile Intel 965 Express	47	2247	NA	NA
Quadro NVS 110M	47	2249	NA	NA
Radeon X1550 64-bit	47	2248	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2250	NA	NA
Matrox G200eh WDDM 2.0	46	2252	NA	NA
MOBILITY RADEON 9800	46	2253	NA	NA
Quadro NVS 120M	46	2251	NA	NA
FireMV 2250	45	2254	0.44	$104.00*
GeForce Go 7200	45	2256	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Matrox G200eR WDDM 1.2	45	2255	NA	NA
GeForce Go 6600 TE/6200 TE	44	2258	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2261	NA	NA
Mobile Intel serie 4 Express	44	2260	NA	NA
MOBILITY FireGL V5200	44	2257	NA	NA
Quadro FX 350M	44	2259	NA	NA
Radeon 9700 TX w/TV-Out	44	2262	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro NVS 285	42	2268	0.25	$169.86
RADEON 9600 PRO	42	2265	NA	NA
Radeon Xpress 1250	42	2266	NA	NA
GeForce 7050 / nForce 620i	41	2270	NA	NA
GeForce 7100 / nForce 630i	41	2271	NA	NA
GeForce FX 5900 Ultra	41	2272	NA	NA
RADEON 9500 PRO / 9700	41	2269	NA	NA
GeForce FX 5700	40	2273	NA	NA
GeForce FX 5900XT	40	2278	NA	NA
Matrox G200eh	40	2275	NA	NA
Matrox M9148 LP PCIe x16	40	2277	NA	NA
MOBILITY FIREGL T2	40	2274	NA	NA
Radeon Xpress 1300M	40	2276	NA	NA
GeForce 7300 SE	39	2284	NA	NA
Matrox G200eW	39	2280	NA	NA
MOBILITY RADEON 9600/9700	39	2283	NA	NA
Mobility Radeon X1300	39	2281	NA	NA
Mobility Radeon X1350	39	2279	NA	NA
S3 Chrome 430 ULP	39	2282	NA	NA
GeForce 6500	38	2286	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2285	NA	NA
Quadro NVS 285 128MB	38	2287	0.70	$55.00*
RADEON X300SE	38	2288	NA	NA
256MB DDR Radeon 9800 XT	37	2290	NA	NA
GeForce 6200	37	2292	0.37	$99.99*
GeForce 6200SE TurboCache	37	2294	NA	NA
GeForce 7050 / nForce 630i	37	2289	NA	NA
Quadro NVS 440	37	2291	0.16	$228.87*
Radeon X1250	37	2293	NA	NA
CONNECT 3D RADEON X300	36	2296	NA	NA
FireMV 2200 PCIe	36	2298	0.40	$89.99*
Matrox G200eR	36	2295	NA	NA

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

Video Card

RADEON 9600 XT	35	2302	NA	NA
Radeon Xpress 1200	35	2301	NA	NA
GeForce FX 5700 Ultra	34	2308	NA	NA
GeForce FX 5900	34	2305	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce PCX 5750	34	2303	NA	NA
GeForce PCX 5900	34	2309	NA	NA
Quadro FX 1000	34	2307	NA	NA
Quadro FX 1300	34	2306	NA	NA
RADEON 9550	34	2304	0.12	$291.74*
Radeon Xpress 1100	34	2310	NA	NA
GeForce 6150 LE	33	2314	NA	NA
GeForce 7150 / nForce 630i	33	2317	NA	NA
GeForce FX 5700VE	33	2316	NA	NA
MOBILITY FIREGL T2/T2e	33	2312	NA	NA
Mobility Radeon X1450	33	2315	NA	NA
MOBILITY RADEON X300	33	2311	NA	NA
S3 Chrome S27 DDR3	33	2313	NA	NA
GeForce 6200 A-LE	32	2322	NA	NA
GeForce 7025 / nForce 630a	32	2321	NA	NA
GeForce FX 5900ZT	32	2319	NA	NA
Intel Media Accelerator	32	2318	NA	NA
Radeon X1200	32	2320	NA	NA
GeForce 7050 PV / nForce 630a	31	2325	NA	NA
Matrox M9128 LP PCIe x16	31	2323	NA	NA
Radeon X1270	31	2326	NA	NA
Red Hat QXL controller	31	2324	NA	NA
All-in-Wonder X1800XL	30	2330	NA	NA
FireGL T2-128	30	2328	NA	NA
GeForce 6150SE nForce 430	30	2327	NA	NA
MOBILITY RADEON 9550	30	2329	NA	NA
Radeon 9550 / X1050	29	2333	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6200 LE	27	2334	0.08	$341.24
MOBILITY FireGL V5250	27	2336	NA	NA
MOBILITY RADEON 9700	27	2335	NA	NA
MOBILITY RADEON XPRESS 200	27	2339	NA	NA
RADEON 9600SE	27	2337	NA	NA
GeForce 6100 nForce 405	26	2340	NA	NA
GeForce 7100 / nForce 620i	26	2343	NA	NA
RADEON 9600 PRO Family	26	2341	NA	NA
Radeon Xpress 1270	26	2342	NA	NA
GeForce 6100 nForce 400	25	2348	NA	NA
GeForce 6100 nForce 420	25	2347	NA	NA
GeForce 7050 / nForce 610i	25	2349	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2345	NA	NA
Matrox M9125 PCIe x16	25	2346	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2344	NA	NA
RADEON 9600 Family	25	2350	NA	NA
GeForce 6150SE	24	2352	NA	NA
GeForce FX 5700LE	24	2353	NA	NA
GeForce Go 6400	24	2354	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Mobile Intel 965 Express-Chipsatzfamilie	24	2355	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2351	NA	NA
ALL-IN-WONDER 9800	23	2359	NA	NA
GeForce 6100 nForce 430	23	2361	NA	NA
GeForce 7200 GS	23	2360	NA	NA
Matrox M9140 LP PCIe x16	23	2358	NA	NA
Quadro NVS 210S	23	2356	NA	NA
RADEON 9800 SE	23	2357	NA	NA
RADEON A9800XT	22	2362	NA	NA
RADEON XPRESS 200M	22	2363	NA	NA
GeForce 6150	21	2364	0.07	$329.00*
PHDGD Solo 2 x64	20	2366	NA	NA

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

Video Card

GeForce 7150M / nForce 630M	18	2372	NA	NA
Quadro FX 2000	18	2374	NA	NA
QXL KMDOD	18	2369	NA	NA
RADEON 9600 TX Family	18	2371	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2373	NA	NA
S3 Chrome S25 DDR2	18	2370	NA	NA
GeForce FX 5600 Ultra	17	2378	NA	NA
GeForce FX Go 5600	17	2376	NA	NA
GeForce Go 6100	17	2375	NA	NA
Mobile Intel965 Express	17	2377	NA	NA
GeForce FX Go5650	16	2379	NA	NA
GRID V100-8Q	16	2380	NA	NA
GeForce Go 6200	15	2382	NA	NA
NV44	15	2381	NA	NA
Quadro FX 500/600 PCI	14	2383	NA	NA
Radeon HD 2400 PCI	14	2384	NA	NA
GeForce 7000M	13	2385	NA	NA
GeForce 7000M / nForce 610M	12	2386	NA	NA
GeForce FX 5200 Ultra	12	2389	NA	NA
GeForce FX 5600	12	2387	NA	NA
GeForce FX Go5300	12	2388	NA	NA
FireMV 2400 PCIe	11	2391	NA	NA
GeForce FX 5200SE	11	2390	NA	NA
Intel 82945G Express	11	2392	NA	NA
PHDGD Solo 1.2.0 x86	11	2394	NA	NA
RGH Drivers v3	11	2393	NA	NA
Master X3100 Driver	10	2395	NA	NA
MOBILITY IGP 9000/9100	10	2396	NA	NA
ASUS A7000	9	2399	NA	NA
GeForce FX 5600XT	9	2400	NA	NA
Matrox Parhelia 256MB	9	2397	NA	NA
VIA Chrome9 HD IGP	9	2398	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel 82945G Express-Chipsatzfamilie	8	2407	NA	NA
Intel Q35 Embedded	8	2403	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2405	NA	NA
Quadro NVS 280 PCI	8	2406	0.06	$130.00*
ASUS V9520-X V62.11	7	2410	NA	NA
GeForce FX 5100	7	2409	NA	NA
GeForce FX 5200	7	2412	0.06	$129.00*
GeForce FX 5200LE	7	2415	0.16	$42.99*
GeForce4 Ti 4400	7	2414	NA	NA
Intel US15 Embedded Media and Controller	7	2413	NA	NA
MOBILITY RADEON 9000 IGP	7	2408	NA	NA
Quadro FX 500/FX 600	7	2411	NA	NA
GeForce PCX 5300	6	2425	NA	NA
GeForce2 Ultra	6	2423	NA	NA
GeForce4 MX Integrated GPU	6	2421	NA	NA
GeForce4 Ti 4800 SE	6	2417	NA	NA
Intel Media Accelerator 600	6	2416	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2418	NA	NA
MOBILITY RADEON 7000 IGP	6	2424	NA	NA
Quadro NVS 55/280 PCI	6	2427	NA	NA
Quadro4 380 XGL	6	2419	NA	NA
RADEON 8500 Family	6	2420	NA	NA
RADEON 9100 Family	6	2426	NA	NA
RADEON IGP 350M	6	2428	NA	NA
V9560XT	6	2422	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2438	NA	NA
GeForce 256	5	2449	0.12	$42.04*
GeForce4 420 Go 32M	5	2443	NA	NA
GeForce4 440 Go 64M	5	2429	NA	NA
GeForce4 448 Go	5	2440	NA	NA
GeForce4 Ti 4200	5	2439	NA	NA

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

Video Card

Intel Q33 Express	5	2448	NA	NA
Matrox Millennium P650 PCIe 128	5	2444	NA	NA
Matrox Parhelia APVe	5	2437	NA	NA
Mobile Intel 945GM Express	5	2432	NA	NA
Mobile Intel 945GM/GU Express	5	2445	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2436	NA	NA
NVIDIA GeForce3 Ti200	5	2434	NA	NA
Quadro 280 NVS PCIe	5	2433	NA	NA
Quadro4 980 XGL	5	2450	0.01	$341.43*
RADEON 9100 IGP	5	2442	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2446	NA	NA
VIA/S3G UniChromeII	5	2430	NA	NA
Xabre	5	2447	NA	NA
ALL-IN-WONDER 9000	4	2453	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
ASUS AGP-V3800PRO v31.40H	4	2472	NA	NA
Dell 8200	4	2474	NA	NA
GeForce2 Go	4	2478	NA	NA
GeForce2 Integrated GPU	4	2473	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2457	NA	NA
GeForce2 Ti	4	2465	NA	NA
GeForce3	4	2454	NA	NA
GeForce3 Ti 200	4	2480	NA	NA
GeForce4 440	4	2451	NA	NA
GeForce4 MX 4000	4	2471	NA	NA
GeForce4 MX 420	4	2458	NA	NA
GeForce4 MX 440	4	2468	NA	NA
GeForce4 MX 440 with AGP8X	4	2455	NA	NA
GeForce4 MX 440SE	4	2467	NA	NA
GeForce4 MX 460	4	2477	NA	NA
Intel 82865G Controller	4	2462	NA	NA
Intel 915G,910G Express	4	2482	NA	NA

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

Video Card

MOBILITY/RADEON 9000	4	2479	NA	NA
Quadro2 MXR/EX	4	2469	NA	NA
Quadro4 900 XGL	4	2452	NA	NA
RADEON 7500 Family	4	2460	NA	NA
RADEON 9000	4	2464	NA	NA
VIA Chrome9 HC IGP	4	2475	NA	NA
VIA/S3G KM400/KN400	4	2481	NA	NA
VIA/S3G UniChrome IGP	4	2476	NA	NA
VIA/S3G UniChrome Pro IGP	4	2461	NA	NA
WinFast A250 LE	4	2456	NA	NA
XGI Volari Family v1.13.23.D_V	4	2466	NA	NA
ABIT Siluro T400	3	2486	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2511	NA	NA
GeForce 6200A	3	2494	0.07	$54.99*
GeForce2 GTS/GeForce2 Pro	3	2483	NA	NA
GeForce2 MX 100/200	3	2507	NA	NA
GeForce2 MX/MX 400	3	2485	NA	NA
GeForce4 420 Go	3	2504	NA	NA
GeForce4 4200 Go	3	2484	NA	NA
GeForce4 440 Go	3	2491	NA	NA
Intel 82915G/915GV/910GL	3	2492	NA	NA
Intel 82915G/GV/910GL Express	3	2513	NA	NA
Intel 865 Embedded Controller	3	2493	NA	NA
Intel 946GZ Embedded Chipset	3	2508	NA	NA
Intel Media Accelerator 500	3	2500	NA	NA
Matrox Parhelia 128MB	3	2502	0.01	$393.99*
MOBILITY RADEON 7500	3	2496	NA	NA
MOBILITY RADEON 9000	3	2506	NA	NA
MOBILITY RADEON 9200	3	2515	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 7000 / RADEON VE Family	3	2488	NA	NA
RADEON 7500	3	2509	0.02	$177.25*

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

Video Card

Radeon IGP 320M	3	2497	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2512	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2489	NA	NA
RIVA TNT2/TNT2 Pro	3	2501	NA	NA
S3 Inc. Savage4	3	2510	NA	NA
Vanta/Vanta LT	3	2514	NA	NA
VIA Chrome9 HC IGP Family	3	2487	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2499	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2503	NA	NA
VIA/S3G DeltaChrome IGP	3	2505	NA	NA
Dell 8100	2	2537	0.00	$999.11*
GeForce2 MX	2	2522	NA	NA
GeForce2 MX with TV Out	2	2531	NA	NA
GeForce3 Ti 500	2	2533	NA	NA
Intel 82845G Controller	2	2539	NA	NA
Intel 82845G/GL Controller	2	2527	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2518	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2526	NA	NA
Intel 946GZ Express	2	2530	NA	NA
Intel GMA 3150 Express	2	2534	NA	NA
Intel Media Accelerator 3150	2	2517	NA	NA
MOBILITY RADEON 9100 IGP	2	2516	NA	NA
Quadro NVS 280 SD	2	2536	NA	NA
Radeon 7000 / Radeon VE	2	2524	NA	NA
RADEON 7200	2	2519	0.00	$599.99*
RADEON 9200 LE Family	2	2528	NA	NA
RADEON 9200 PRO Family	2	2520	NA	NA
RADEON 9200 SE	2	2532	NA	NA
RADEON 9250	2	2529	0.01	$194.00*
Radeon IGP 340M	2	2535	NA	NA
RADEON IGP 345M	2	2523	NA	NA
Radeon VE	2	2540	NA	NA

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

Video Card

FireMV 2200 PCI	1	2553	NA	NA
Intel 82852/82855 GM/GME Controller	1	2550	NA	NA
Intel Extreme Controller	1	2541	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2544	NA	NA
Mobile Intel 945 Express	1	2545	NA	NA
Quadro2 Pro	1	2552	NA	NA
RADEON IGP 34xM	1	2547	NA	NA
Rage 128 Pro	1	2549	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2551	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
S3 ProSavageDDR	1	2548	NA	NA
S3 SuperSavage/IXC 1014	1	2542	NA	NA
VIA Chrome9 HCM IGP	1	2546	NA	NA
VisionTek Radeon 7000	1	2543	NA	NA

** - Last price seen from our affiliates.*

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