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	38784	1	21.55	$1,799.99
GeForce RTX 4080	34652	2	27.95	$1,239.99
GeForce RTX 4080 SUPER	34258	3	31.14	$1,099.99
GeForce RTX 4070 Ti SUPER	31929	4	39.91	$799.99
GeForce RTX 4070 Ti	31738	5	44.08	$719.99
Radeon RX 7900 XTX	30943	6	32.92	$939.99
GeForce RTX 4070 SUPER	30339	7	51.42	$589.99
GeForce RTX 3090 Ti	29795	8	19.35	$1,539.99*
Radeon PRO W7900	29640	9	NA	NA
GeForce RTX 4090 D	29414	10	NA	NA
Radeon PRO W7800	29007	11	NA	NA
Radeon RX 7900 XT	28921	12	41.32	$699.99
RTX 6000 Ada Generation	28659	13	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3080 Ti	27270	16	18.59	$1,466.97
GeForce RTX 4070	27035	17	50.07	$539.99
Radeon RX 6900 XT	26860	18	36.94	$727.20
GeForce RTX 3090	26836	19	12.13	$2,212.07
Radeon RX 7900 GRE	26813	20	46.23	$579.99
GeForce RTX 3080 12GB	26742	21	NA	NA
GeForce RTX 4080 Laptop GPU	25927	22	NA	NA
RTX 4000 Ada Generation	25438	23	NA	NA
GeForce RTX 3080	25330	24	39.58	$639.99
Radeon RX 6800 XT	25106	25	13.22	$1,899.00
RTX 5000 Ada Generation Laptop GPU	24439	26	NA	NA
Radeon RX 7800 XT	24049	27	49.08	$489.99
GeForce RTX 3070 Ti	23693	28	52.65	$449.99
RTX 4000 Ada Generation Laptop GPU	23207	29	NA	NA
RTX A5000	23095	30	10.36	$2,229.99*
RTX 5000 Ada Generation	22999	31	NA	NA
GeForce RTX 4060 Ti 16GB	22969	32	51.04	$449.99
RTX A6000	22873	33	5.57	$4,109.99*
GeForce RTX 4060 Ti	22848	34	59.35	$384.99
Radeon RX 7900M	22583	35	NA	NA
GeForce RTX 3070	22431	36	45.78	$489.99
Radeon RX 6800	22341	37	57.19	$390.63
RTX 4500 Ada Generation	22292	38	NA	NA
NVIDIA A10	22064	39	NA	NA
RTX A4500	21839	40	20.22	$1,079.99*
GeForce RTX 2080 Ti	21788	41	15.56	$1,399.99*
Radeon 610M Ryzen 9 7845HX	21622	42	NA	NA
Radeon RX 7700 XT	21080	43	51.42	$409.99
RTX A5500	20992	44	9.67	$2,169.99*
RTX 3500 Ada Generation Laptop GPU	20857	45	NA	NA
Radeon RX 6750 XT	20823	46	30.05	$692.99
GeForce RTX 3060 Ti	20576	47	47.30	$434.99

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)
Quadro GV100	20021	50	2.22	$8,999.00*
TITAN RTX	19985	51	8.30	$2,409.20*
Radeon PRO W6800	19919	52	10.77	$1,849.99*
Radeon RX 6700 XT	19878	53	25.25	$787.16
TITAN V	19772	54	9.89	$1,999.99*
GeForce RTX 4060	19664	55	66.71	$294.76
GeForce RTX 4070 Laptop GPU	19648	56	NA	NA
GeForce RTX 2080 SUPER	19606	57	28.63	$684.86*
Radeon RX 6750 GRE 12GB	19484	58	NA	NA
RTX A4000	19391	59	25.86	$749.99*
Quadro RTX 8000	19286	60	4.07	$4,741.49*
RTX 2000 Ada Generation	19266	61	NA	NA
TITAN Xp COLLECTORS EDITION	19209	62	NA	NA
Quadro RTX 6000	18882	63	3.00	$6,300.00*
GeForce RTX 2080	18817	64	23.50	$800.61*
NVIDIA TITAN Xp	18699	65	11.37	$1,645.00*
Radeon RX 6700	18648	66	NA	NA
GeForce GTX 1080 Ti	18549	67	38.34	$483.82*
NVIDIA A10G	18487	68	NA	NA
Radeon RX 6850M XT	18329	69	NA	NA
GeForce RTX 2070 SUPER	18243	70	36.64	$497.95*
GeForce RTX 3070 Ti Laptop GPU	18185	71	NA	NA
GeForce RTX 4060 Laptop GPU	17852	72	NA	NA
RTX A4500 Laptop GPU	17473	73	NA	NA
RTX A5500 Laptop GPU	17461	74	NA	NA
Radeon RX 6650 XT	17332	75	72.22	$239.99
Radeon PRO W7600	17126	76	NA	NA
GeForce RTX 3060 12GB	17102	77	57.01	$299.99
TITAN V CEO Edition	16987	78	NA	NA
RTX 3000 Ada Generation Laptop GPU	16877	79	NA	NA
Radeon RX 7600 XT	16872	80	51.13	$329.99

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2060 SUPER	16587	84	39.88	$415.98*
GeForce RTX 3080 Laptop GPU	16526	85	NA	NA
Radeon RX 6600 XT	16458	86	36.66	$449.01
Quadro GP100	16374	87	NA	NA
RTX 1000 Ada Generation Laptop GPU	16306	88	NA	NA
Radeon RX 7600	16234	89	60.13	$269.99
GeForce RTX 2070	16181	90	41.43	$390.59*
Quadro RTX 5000	16042	91	NA	NA
Radeon PRO W6600	15953	92	NA	NA
RTX A5000 Laptop GPU	15929	93	NA	NA
GeForce RTX 2060 12GB	15860	94	NA	NA
RTX 2000 Ada Generation Laptop GPU	15597	95	NA	NA
Radeon RX 6800S	15577	96	NA	NA
GeForce RTX 3060 8GB	15553	97	NA	NA
GeForce GTX 1080	15530	98	35.07	$442.79*
GeForce RTX 3070 Laptop GPU	15519	99	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Pro Vega II	15474	100	NA	NA
RTX A4000 Laptop GPU	15432	101	NA	NA
Quadro RTX 4000	15415	102	17.15	$899.00*
Radeon Pro VII	15332	103	NA	NA
Radeon Pro W5700	15311	104	23.56	$649.99*
Radeon RX 6600	15139	105	46.02	$329.00*
GeForce RTX 2080 (Mobile)	15107	106	NA	NA
Radeon RX 7700S	15097	107	NA	NA
Quadro P6000	14965	108	4.60	$3,250.00*
Radeon RX 6700S	14921	109	NA	NA
Radeon RX 6600S	14896	110	NA	NA
Quadro RTX 5000 (Mobile)	14832	111	NA	NA
GeForce RTX 4050 Laptop GPU	14711	112	NA	NA
GeForce GTX 1070 Ti	14697	113	25.79	$569.99*
RTX A3000 12GB Laptop GPU	14624	114	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2060	14148	118	52.60	$269.00
GeForce RTX 2070 Super with Max-Q Design	13969	119	NA	NA
Radeon Pro WX 8200	13931	120	8.71	$1,599.39*
Radeon RX 7600S	13925	121	NA	NA
RadeonT RX 6850M XT	13847	122	NA	NA
GeForce GTX 980 Ti	13820	124	17.75	$778.69*
GeForce RTX 2080 Super with Max-Q Design	13820	123	NA	NA
RTX A2000	13764	125	18.93	$726.99*
Radeon RX 5600 XT	13707	126	25.15	$545.00*
RTX A2000 12GB	13692	127	NA	NA
NVIDIA TITAN X	13659	129	22.46	$608.10*
Quadro RTX 5000 with Max-Q Design	13659	128	NA	NA
Radeon RX 6600M	13603	130	68.02	$199.99
GeForce GTX 1070	13513	131	27.69	$488.09*
GeForce RTX 3060 Laptop GPU	13410	132	43.26	$309.99*
NVIDIA A40	13370	133	NA	NA
Radeon RX 6700M	13368	134	44.56	$299.99
Radeon Vega Frontier Edition	13326	135	7.93	$1,679.99*
Radeon RX Vega 56	13317	136	17.69	$752.99*
Radeon RX 6800M	13274	137	NA	NA
GeForce RTX 2080 with Max-Q Design	13132	138	6.25	$2,099.99*
Radeon PRO W6600X	13113	139	NA	NA
GeForce GTX TITAN X	13077	140	11.92	$1,096.99*
Radeon Pro Vega 64	12984	141	NA	NA
Radeon Pro WX 9100	12960	142	NA	NA
GeForce GTX 1660 Ti	12941	143	46.25	$279.82
GeForce RTX 3050	12894	144	71.64	$179.99
GeForce GTX 1660 SUPER	12778	145	56.05	$227.99
Quadro RTX 4000 with Max-Q Design	12716	146	NA	NA
Radeon Pro 5700 XT	12691	147	NA	NA
Tesla P40	12677	148	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

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

Video Card

RTX A3000 Laptop GPU	12515	152	NA	NA
Quadro P5200	12363	153	NA	NA
Quadro P5200 with Max-Q Design	12355	154	NA	NA
GeForce RTX 2070 (Mobile)	12354	155	NA	NA
Radeon Pro Vega 56	12353	156	NA	NA
Quadro P5000	12323	157	6.59	$1,868.99*
Radeon RX 6850M	12274	158	NA	NA
Radeon Pro V520 MxGPU	12257	159	NA	NA
GeForce RTX 3050 OEM	12150	160	NA	NA
Radeon RX 5600 OEM	11926	161	NA	NA
Quadro M6000 24GB	11910	162	NA	NA
Radeon Pro 5700	11844	163	NA	NA
GeForce RTX 2070 with Max-Q Design	11804	164	NA	NA
Intel Arc A580	11793	165	27.76	$424.84
Quadro M6000	11763	166	2.44	$4,827.53*
GeForce GTX 1660	11695	167	44.29	$264.04
Quadro P4000	11665	168	20.97	$556.19*
L4	11518	169	NA	NA
Radeon RX 5600	11507	170	NA	NA
GeForce GTX 1080 with Max-Q Design	11447	171	NA	NA
Quadro P4200 with Max-Q Design	11367	172	NA	NA
GeForce RTX 2060 (Mobile)	11354	173	NA	NA
GRID P40-24Q	11335	174	NA	NA
Radeon Pro Vega 48	11299	175	NA	NA
Quadro RTX 3000	11177	176	NA	NA
GeForce GTX 980	11133	177	45.01	$247.35*
Radeon RX 7600M XT	10988	178	NA	NA
RTX A2000 8GB Laptop GPU	10974	179	NA	NA
Radeon Pro SSG	10971	180	4.55	$2,410.15*
Tesla T4	10908	181	2.47	$4,420.46*
Quadro P4200	10568	182	NA	NA
GeForce RTX 3050 6GB Laptop GPU	10553	183	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Arc A770	10395	186	29.25	$355.44
GeForce GTX 1660 Ti (Mobile)	10212	187	NA	NA
Tesla M40	10182	188	16.97	$600.00*
RTX A1000 6GB Laptop GPU	10181	189	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10169	190	NA	NA
GeForce GTX 1650 SUPER	10138	191	40.56	$249.99
GeForce GTX 1060	10081	192	36.01	$279.99*
GeForce GTX 1070 with Max-Q Design	10029	193	NA	NA
RTX A2000 Laptop GPU	10017	194	NA	NA
Radeon R9 Fury X	10015	195	NA	NA
Intel Arc A750	10011	196	41.72	$239.99
GRID P40-2B	9842	197	NA	NA

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

GeForce RTX 2060 with Max-Q Design	9807	198	NA	NA
GeForce GTX 1060 3GB	9758	199	36.14	$269.99*
Radeon R9 Fury + Fury X	9741	200	21.65	$449.99*
GeForce GTX 970	9646	201	40.53	$237.99*
RTX A1000 Laptop GPU	9612	202	NA	NA
Radeon R9 Fury	9609	203	21.69	$443.10*
Radeon RX 6500 XT	9515	204	54.79	$173.67
GeForce GTX 780 Ti	9505	205	27.96	$339.99*
Radeon RX 590	9465	206	17.21	$549.99*
GeForce RTX 3050 Laptop GPU	9442	207	34.97	$269.99*
Radeon R9 390X	9432	208	NA	NA
Intel Arc Pro A60	9409	209	NA	NA
Quadro M5000	9390	210	18.82	$499.00*
Quadro P2200	9367	211	20.37	$459.80*
Radeon Pro 5600M	9282	212	NA	NA
Radeon RX 5500 XT	9173	213	50.60	$181.29
Quadro P3200 with Max-Q Design	9148	214	NA	NA
Radeon Pro W5500	9145	215	22.31	$409.99*
Quadro P3200	9126	216	23.44	$389.30*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX TITAN Z	8966	220	5.93	$1,515.00*
GRID P40-8Q	8967	221	NA	NA
Radeon R9 390	8957	222	NA	NA
Radeon RX 6550M	8916	223	NA	NA
Tesla P4	8909	224	NA	NA
Radeon RX 580	8886	225	49.37	$179.99*
Radeon RX 5500	8862	226	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8668	227	NA	NA
Radeon R9 290X	8643	228	NA	NA
Radeon RX 480	8639	229	25.41	$339.99*
Radeon R9 295X2	8637	230	17.31	$499.10*
Radeon RX 5600M	8570	231	NA	NA
Radeon RX590 GME	8548	232	NA	NA
GRID RTX6000-1B	8473	233	NA	NA
Radeon R9 290X / 390X	8389	234	26.22	$319.99*
Ryzen 5 4600HS with Radeon Graphics	8370	235	NA	NA
Quadro RTX 3000 with Max-Q Design	8365	236	NA	NA
Radeon Pro 5500 XT	8358	237	NA	NA
Radeon R9 290	8316	238	NA	NA
GeForce GTX Titan	8222	239	11.04	$745.00*
GeForce GTX 1060 (Mobile)	8160	240	NA	NA
Radeon R9 290 / 390	8150	241	21.45	$380.00*
Radeon Pro Duo	8136	242	2.05	$3,970.36*
Intel Arc A770M	8087	243	NA	NA
Quadro K6000	8059	244	38.26	$210.66*
Radeon PRO W6400	8052	245	NA	NA
Intel Arc A730M	8033	246	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon RX 470/570	8027	247	20.64	$388.99*
GeForce GTX 780	8013	248	28.62	$279.99*
Ryzen 9 6900HS	8005	249	NA	NA
FirePro W9100	7956	250	4.60	$1,729.99*

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

Video Card

GeForce GTX 1060 with Max-Q Design	7887	254	NA	NA
Radeon Pro WX 7100	7881	255	7.52	$1,047.99*
GeForce GTX 1650	7877	256	50.60	$155.67
T1200 Laptop GPU	7841	257	NA	NA
Radeon RX 580X	7798	258	NA	NA
Radeon Pro 580	7753	259	NA	NA
Radeon RX580 2048SP	7748	260	NA	NA
Radeon RX 580 2048SP	7718	261	NA	NA
Radeon RX 5300	7696	262	NA	NA
T1000	7689	263	16.70	$460.49
Radeon RX 6500	7646	264	NA	NA
T1000 8GB	7618	265	NA	NA
GeForce RTX 2050	7585	266	NA	NA
GeForce GTX 1650 Ti	7574	267	NA	NA
Radeon Pro 580X	7540	268	NA	NA
Radeon RX 6400	7507	269	44.25	$169.66*
Ryzen 9 4900HS with Radeon Graphics	7418	270	NA	NA
Radeon Ryzen 9 6900HS	7384	271	NA	NA
GeForce GTX 980M	7359	272	25.38	$289.99*
FirePro W8100	7279	273	10.34	$704.00*
Radeon Pro 5300	7229	274	NA	NA
Tesla P100-PCIE-16GB	7225	275	NA	NA
Quadro T2000	7193	276	13.62	$528.35*
Radeon 780M	7176	277	NA	NA
T600 Laptop GPU	7088	278	NA	NA
A10-8Q	7041	279	NA	NA
RadeonT 780M	6981	280	NA	NA
GeForce GTX 1650 (Mobile)	6968	281	NA	NA
GeForce RTX 3050 4GB Laptop GPU	6938	282	NA	NA
Quadro M5000M	6929	283	12.67	$546.92*
Quadro T2000 with Max-Q Design	6927	284	NA	NA
Quadro P2000	6925	285	15.75	$439.60*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 5500M	6815	288	NA	NA
GRID P4-8Q	6733	289	NA	NA
Quadro T1000 with Max-Q Design	6713	290	NA	NA
GeForce GTX 970XM FORCE	6706	291	NA	NA
Quadro M4000	6692	292	18.49	$362.00*
RTX A4500 Embedded GPU	6644	293	NA	NA
Quadro P3000	6620	294	NA	NA
Quadro T1000	6617	295	17.98	$367.99*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Pro WX 7130	6577	296	NA	NA
AMD Ryzen Z1 Extreme	6566	298	NA	NA
Radeon Ryzen 7 6800HS	6566	297	NA	NA
Radeon RX Vega M GH	6554	299	NA	NA
T600	6463	300	26.93	$239.99*
GeForce GTX 1650 Ti with Max-Q Design	6418	301	NA	NA
P106-100	6357	302	NA	NA
Radeon Pro 570	6336	303	NA	NA
Ryzen 9 6900HS with Radeon Graphics	6331	304	NA	NA
GeForce GTX 1050 Ti	6312	305	15.17	$416.14
Radeon RX 6300	6293	306	NA	NA
GeForce MX570 A	6270	307	NA	NA
Quadro M4000M	6252	308	24.53	$254.91*
Radeon R9 380X	6229	309	17.80	$349.99*
Radeon R9 280X	6215	310	NA	NA
Tesla K80	6210	311	10.46	$593.95*
GeForce GTX 1650 with Max-Q Design	6169	312	NA	NA
Radeon 680M Ryzen 7 7735HS	6166	313	NA	NA
Radeon R9 380	6165	314	68.52	$89.99*
FirePro W9000	6138	315	7.26	$845.00*
GeForce GTX 960	6061	316	35.24	$172.00*
GeForce MX570	6020	317	NA	NA
Quadro K5200	6014	318	14.49	$415.00*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 770	5926	322	23.80	$249.00*
GeForce GTX 1050 Ti (Mobile)	5918	323	NA	NA
Radeon PRO W6300	5897	324	NA	NA
RadeonT 760M	5846	325	NA	NA
Radeon 760M	5837	326	NA	NA
Matrox LUMA A380P	5805	327	NA	NA
Radeon Ryzen 7 7736U	5790	328	NA	NA
Radeon Ryzen 7 PRO 6850H	5767	329	NA	NA
Ryzen 9 PRO 6950H	5758	330	NA	NA
GeForce GTX 970M	5732	331	27.30	$209.99*
Radeon PRO Ryzen 7 PRO 6850U	5703	332	NA	NA
A16	5597	333	NA	NA
GeForce GTX 690	5590	334	19.90	$280.99*
Radeon Pro WX 5100	5589	335	15.53	$359.99*
Ryzen 7 PRO 6850U	5580	336	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5570	337	NA	NA
Radeon R9 280	5568	338	NA	NA
Radeon HD 7990	5565	339	13.91	$399.99*
Quadro M3000M	5556	340	34.74	$159.95*
Radeon R9 285 / 380	5549	341	11.44	$485.00*
GeForce GTX 680	5537	342	13.88	$399.00*
GRID M60-8A	5523	343	NA	NA
Intel Arc A530M	5490	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5500M	5458	345	NA	NA
GeForce GTX 760 Ti OEM	5427	346	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5425	347	NA	NA
Radeon Ryzen 7 7735HS	5385	348	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5374	349	NA	NA
Radeon Eng Sample: 100-000000560-40_Y	5372	350	NA	NA
GRID P40-4Q	5364	351	NA	NA
Ryzen 7 6800HS Creator Edition	5345	352	NA	NA

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

Video Card

Ryzen 9 6900HX with Radeon Graphics	5326	356	NA	NA
Ryzen 7 7735HS with Radeon Graphics	5306	357	NA	NA
FirePro W7100	5303	358	13.62	$389.30*
Radeon Pro Vega 20	5299	359	NA	NA
Radeon HD 7970 / R9 280X	5247	360	21.25	$246.99*
Ryzen 7 6800H	5247	361	NA	NA
Radeon Ryzen 7 7735U	5245	362	NA	NA
Ryzen 7 6800HS	5237	363	NA	NA
Quadro P2000 with Max-Q Design	5226	364	NA	NA
Intel Arc Pro A40/A50	5223	365	NA	NA
Radeon HD 8990	5214	366	NA	NA
Radeon Ryzen 7 PRO 6850HS	5212	367	NA	NA
GeForce GTX 760 Ti	5209	368	17.51	$297.50*
GRID M60-2Q	5203	369	NA	NA
Radeon Ryzen 7 PRO 6850U	5200	370	NA	NA
Radeon R9 M395X	5194	371	NA	NA
Q12U-1	5164	372	NA	NA
RadeonT 680M Ryzen 7 7735HS	5161	373	NA	NA
Radeon R9 M295X	5150	374	3.55	$1,449.00*
GeForce GTX 1050 3GB	5143	375	NA	NA
Intel Arc A380	5128	376	36.63	$139.99*
Intel Arc A310	5115	377	46.51	$109.99*
Ryzen 7 PRO 6860Z	5076	378	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	379	NA	NA
FirePro S9000	5059	380	NA	NA
GeForce GTX 1050	5056	381	21.16	$239.00*
EIZO Quadro MED-XN51LP	5048	382	NA	NA
GRID P4-4Q	5042	383	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5042	384	NA	NA
Intel Arc	5037	385	NA	NA
Radeon R9 M395	5023	386	NA	NA
Radeon Ryzen 7 7735H	5021	387	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Instinct MI25 MxGPU	4978	390	NA	NA
Barco MXRT 7600	4943	391	8.20	$602.59*
Ryzen 7 6800H with Radeon Graphics	4921	392	NA	NA
FirePro S9050	4901	393	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R9 270X	4887	394	14.97	$326.50*
Ryzen 7 6800U with Radeon Graphics	4844	396	NA	NA
T550 Laptop GPU	4844	395	NA	NA
GRID P40-2Q	4843	397	NA	NA
Radeon Pro Vega 16	4809	398	NA	NA
GeForce GTX 760	4795	399	32.19	$149.00*
Ryzen 7 PRO 6860Z with Radeon Graphics	4788	400	NA	NA
GRID RTX6000P-6Q	4777	401	NA	NA
FirePro S10000	4768	402	NA	NA
Radeon HD 7950 / R9 280	4764	403	36.04	$132.20*
Radeon Sky 500	4763	404	NA	NA
Radeon R9 370	4722	405	29.51	$159.99*
Radeon Ryzen 7 PRO 6860Z	4680	406	NA	NA
Radeon Pro WX Vega M GL	4643	407	NA	NA
Radeon HD 7870	4636	408	26.34	$176.00*
GeForce MX550	4634	409	NA	NA
Intel Arc A370M	4625	410	NA	NA
Radeon Ryzen 9 7950X 16-Core	4615	411	NA	NA
Radeon Ryzen 7 6800U	4574	412	NA	NA
GeForce GTX 580	4559	413	32.59	$139.92*
B8DKMDAP	4557	414	NA	NA
Radeon Pro 465	4537	415	NA	NA
FirePro S7000	4523	416	18.35	$246.54*
Radeon R7 370	4519	417	NA	NA
GRID T4-8Q	4518	418	NA	NA
Tesla K40c	4494	419	NA	NA
Radeon HD 7870 XT	4469	420	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Citrix Indirect Display Adapter	4446	424	NA	NA
GRID P6-4Q	4429	425	NA	NA
Radeon Ryzen 9 PRO 6950HS	4422	426	NA	NA
GeForce GTX 660 Ti	4402	427	30.57	$144.00*
Radeon Ryzen 7 4800HS	4393	428	NA	NA
FirePro W7000 Adapter	4359	429	NA	NA
Radeon Eng Sample: 100-000000561-40_Y	4342	430	NA	NA
GRID GTX P40-6	4340	431	NA	NA
Tesla K20m	4330	432	NA	NA
Quadro K4200	4321	433	17.35	$249.00*
Radeon RX 5300M	4307	434	NA	NA
Radeon R9 270	4306	435	NA	NA
Quadro M2200	4304	436	17.22	$249.99*
FirePro W7000	4270	437	15.36	$278.05*
Radeon R9 270 / R7 370	4259	438	19.98	$213.16*
NVIDIA A40-8Q	4220	439	NA	NA
GRID RTX8000P-12A	4165	440	NA	NA
GRID V100D-8Q	4155	441	NA	NA
GeForce GTX 680MX	4142	442	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon RX 460	4105	443	24.61	$166.81*
GeForce GTX 480	4100	444	24.12	$169.99*
FirePro W8000	4095	445	7.15	$573.00*
Radeon PRO Ryzen 5 PRO 6650U	4066	446	NA	NA
Radeon Ryzen 5 Pro 7535U	4046	447	NA	NA
GeForce GTX 1050 with Max-Q Design	4041	448	NA	NA
Radeon HD 7800-serie	4029	449	NA	NA
GeForce GTX 660	4002	450	23.83	$167.95*
Quadro M2000	3995	451	15.12	$264.24*
Quadro K5000	3987	452	16.01	$249.00*
Radeon Ryzen 5 6600H	3928	453	NA	NA
GeForce GTX 570	3925	455	26.17	$149.99*

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

Video Card

GRID M60-8Q	3883	458	NA	NA
Radeon HD 8970M	3876	459	27.69	$139.99*
Matrox LUMA A310F	3873	460	NA	NA
GeForce GTX 780M	3864	461	7.74	$499.00*
Radeon HD 7850	3854	462	22.67	$169.99*
Radeon HD 7970M	3846	463	NA	NA
GRID M60-4Q	3831	464	NA	NA
GeForce GTX 880M	3826	465	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3815	466	NA	NA
Radeon Ryzen 5 7535U	3808	467	NA	NA
GeForce GTX 965M	3771	468	NA	NA
Radeon Pro WX 4100	3763	469	7.53	$499.99*
Barco MXRT 7500	3753	470	12.55	$299.00*
P104-100	3752	471	12.51	$299.99*
GRID T4-1Q	3742	472	NA	NA
T400 4GB	3741	473	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	474	NA	NA
GeForce MX450	3733	475	NA	NA
T500	3712	476	NA	NA
GRID M60-1Q	3694	477	NA	NA
Matrox LUMA A310	3690	478	NA	NA
Ryzen 5 6600HS Creator Edition	3685	479	NA	NA
Radeon Ryzen 7 4800H	3682	480	NA	NA
Radeon Pro 560X	3677	481	NA	NA
Radeon R9 M485X	3660	482	NA	NA
Radeon Ryzen 5 PRO 6650U	3655	483	NA	NA
Radeon RX 560	3651	484	19.26	$189.55
T400	3630	485	20.17	$179.99*
Quadro P620	3620	486	6.30	$574.55*
Radeon RX Vega M GL	3616	487	NA	NA
GeForce GTX 775M	3593	488	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3575	489	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)
Quadro K2200	3555	492	13.25	$268.30*
Radeon Ryzen 5 6600U	3539	493	NA	NA
Radeon 740M	3538	494	NA	NA
Ryzen 5 7535U with Radeon Graphics	3529	495	NA	NA
Ryzen 5 PRO 6650U	3519	496	NA	NA
GRID K520	3516	497	23.44	$149.99*
Quadro 7000	3505	498	NA	NA
Radeon Pro 560	3475	499	NA	NA
Quadro K2200M	3468	500	27.76	$124.95*
Quadro M2000M	3461	501	16.24	$213.16*
Radeon Pro 460	3452	502	NA	NA
GRID T4-2Q	3450	503	NA	NA
GeForce GTX 870M	3449	504	NA	NA
Tesla C2050 / C2070	3428	505	NA	NA
NVIDIA A10-4Q	3424	506	NA	NA
GeForce GTX 960M	3403	507	2.91	$1,169.00*
Radeon E8870PCIe	3368	509	NA	NA
Radeon HD8970M	3368	508	NA	NA
GeForce GTX 750	3359	510	42.00	$79.99*
GRID M10-1Q	3351	511	NA	NA
GeForce GTX 650 Ti BOOST	3348	512	NA	NA
Radeon R9 M390X	3346	513	NA	NA
GeForce GTX 590	3341	514	7.68	$435.00*
Quadro P600	3282	515	15.59	$210.58*
Tesla K40m	3281	516	NA	NA
GRID P100-8Q	3267	517	NA	NA
GRID T4-4Q	3260	518	NA	NA
GeForce 770M	3245	520	18.34	$176.99*
Quadro M1200	3245	519	NA	NA
Radeon R9 M470X	3244	521	NA	NA
Ryzen 5 6600U with Radeon Graphics	3233	522	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P4-8A	3206	526	NA	NA
Radeon RX 560X	3196	527	NA	NA
Radeon R7 260X	3181	528	22.73	$139.99*
Radeon R9 260	3181	529	NA	NA
Tesla C2050	3175	530	11.76	$269.99*
Tesla M10	3171	531	1.18	$2,695.00*
FirePro V7000	3161	532	NA	NA
FirePro W7170M	3161	533	NA	NA
Radeon Pro 555	3140	534	2.99	$1,049.00*
Radeon Pro 455	3112	535	6.93	$449.00*
GeForce GTX 470	3093	536	51.57	$59.99*
Radeon HD 7790	3090	537	22.07	$139.99*
Radeon R7 360	3087	538	21.15	$145.99*
Quadro K5100M	3077	539	2.78	$1,108.84*
GeForce GTX 560 Ti	3042	540	23.40	$129.99*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R9 360	3031	541	22.64	$133.89*
GeForce GTX 860M	3027	542	26.56	$114.00*
Tesla C2075	3016	543	4.67	$646.00*
Radeon HD 6990	3013	544	6.04	$498.49*
FirePro W5100	2986	545	23.70	$125.99*
GRID M10-4Q	2976	546	NA	NA
FirePro W5000	2973	547	16.16	$184.00*
GRID K260Q	2949	548	NA	NA
Tesla K20Xm	2917	549	NA	NA
Quadro K1200	2909	550	10.20	$285.29*
Radeon Ryzen 5 5500GT	2908	551	NA	NA
Ryzen 9 5900HX with Radeon Graphics	2899	552	NA	NA
Radeon R7 260	2891	553	32.13	$89.99*
Radeon Ryzen 5 5600GT	2884	554	NA	NA
Quadro M1000M	2880	555	33.50	$85.99*
Eng Sample: 100-000000261-50_Y	2859	556	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K280Q	2839	561	NA	NA
Tesla C2070	2839	560	4.70	$604.00*
Radeon HD 6970	2836	562	18.91	$149.99*
FirePro W4300	2834	563	11.81	$239.99*
Quadro M620	2827	564	NA	NA
Radeon Ryzen 7 5800H	2826	565	NA	NA
FirePro 3D V9800	2811	566	1.13	$2,499.00*
Ryzen 7 5700G with Radeon Graphics	2810	567	NA	NA
GeForce MX350	2807	568	NA	NA
Radeon R9 M380	2806	569	NA	NA
Custom GPU 0405	2803	570	NA	NA
GeForce GTX 770M	2791	571	20.23	$138.00*
Quadro K5000M	2779	572	5.46	$508.91*
Ryzen 7 5800H with Radeon Graphics	2747	573	NA	NA
GeForce GTX 675MX	2744	574	NA	NA
GRID K2	2736	575	0.61	$4,449.99
Quadro K4100M	2735	576	10.47	$261.29*
GeForce GTX 560	2733	577	13.33	$205.00*
FirePro S7150	2726	578	1.61	$1,697.99*
FirePro V9800	2726	579	5.75	$474.00*
Radeon Pro 450	2722	580	NA	NA
Radeon RX 550	2722	581	12.38	$219.99
Quadro K4000	2721	582	10.08	$270.00*
Radeon HD 8950	2718	583	NA	NA
Quadro 6000	2705	584	0.66	$4,092.38*
Barco MXRT 5500	2701	585	9.04	$299.00*
GRID M10-2Q	2691	586	NA	NA
Intel Iris Xe	2691	587	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	588	NA	NA
Radeon Eng Sample: 100-000000300-40_Y	2670	589	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Ryzen 7 5700GE with Radeon Graphics	2656	590	NA	NA

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

Video Card

Ryzen 7 PRO 7730U with Radeon Graphics	2634	594	NA	NA
Radeon HD 6950	2613	595	18.67	$139.99*
Radeon Ryzen 7 4700GE	2610	596	NA	NA
GRID M10-8Q	2606	597	NA	NA
GeForce GTX 950A	2604	598	NA	NA
GRID T4-2B	2601	600	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	599	NA	NA
Radeon Ryzen 7 PRO 4750G	2596	601	NA	NA
Radeon Eng Sample: 100-000000371-40_42/18_Y	2590	602	NA	NA
Radeon Ryzen 7 5800HS	2589	603	NA	NA
Radeon Ryzen 7 4700G	2586	604	NA	NA
GeForce GTX 950M	2583	605	4.56	$567.00*
Ryzen 5 5600G with Radeon Graphics	2582	606	NA	NA
Radeon Ryzen 9 7900 12-Core	2567	607	NA	NA
Radeon Ryzen 9 4900H	2565	608	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	609	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2546	610	NA	NA
GRID K240Q	2541	611	NA	NA
Radeon HD 6850 X2	2534	612	NA	NA
Radeon Ryzen 5 5600GE	2530	613	NA	NA
FireStream 9370	2528	614	NA	NA
N18E-Q1	2525	615	NA	NA
GeForce GTX 650 Ti	2521	616	27.10	$93.05*
GeForce GTX 850M	2516	617	NA	NA
Radeon Pro WX 3100	2500	619	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2500	618	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	620	NA	NA
Radeon Ryzen 7 7730U	2490	621	NA	NA
GeForce GT 1030	2477	622	20.76	$119.36
Barco MXRT 5600	2465	623	3.50	$704.00*
GeForce MX330	2460	624	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2458	625	NA	NA

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

Video Card

GeForce MX250	2429	628	NA	NA
Radeon Pro WX 3200	2427	629	11.67	$208.00
Radeon Ryzen 5 5600H	2418	630	NA	NA
Radeon Eng Sample: 100-000000262-30_Y	2415	631	NA	NA
GeForce GTX 960A	2410	632	NA	NA
Ryzen 5 5600H with Radeon Graphics	2410	633	NA	NA
Radeon Ryzen 7 5800U	2409	634	NA	NA
Radeon RX Vega 11 PRD	2401	635	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2401	636	NA	NA
Ryzen 7 7730U with Radeon Graphics	2399	637	NA	NA
Radeon Ryzen 7 PRO 7730U	2398	638	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 5825U	2389	639	NA	NA
Radeon Pro WX 4150	2380	640	3.90	$610.04*
Ryzen 5 4600G with Radeon Graphics	2376	641	NA	NA
Radeon Ryzen 5 PRO 4655G	2375	642	NA	NA
Radeon Eng Sample: 100-000000285-40_Y	2365	643	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	644	NA	NA
GeForce GTX 485M	2359	645	NA	NA
FirePro W6150M	2358	646	NA	NA
Ryzen 7 5800U with Radeon Graphics	2358	647	NA	NA
Ryzen 5 7530U with Radeon Graphics	2355	648	NA	NA
Radeon Pro	2344	649	3.91	$600.00*
Ryzen 7 4800U with Radeon Graphics	2343	650	NA	NA
P106-090	2342	651	NA	NA
Radeon RX Vega Ryzen 3 5300U	2334	652	NA	NA
GRID M10-2B	2333	653	NA	NA
Radeon R9 M470	2330	654	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2330	655	NA	NA
Radeon Ryzen 7 PRO 4750GE	2320	656	NA	NA
Ryzen 7 5825U with Radeon Graphics	2318	657	NA	NA
Radeon Ryzen 7 5700U	2313	658	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 4400G with Radeon Graphics	2305	662	NA	NA
FirePro V7900	2304	664	12.13	$190.00*
Radeon Ryzen 7 4800U	2304	663	NA	NA
Radeon HD 5970	2301	665	12.79	$179.99*
Radeon Ryzen 7 Microsoft Surface Edition	2294	666	NA	NA
Radeon Ryzen 5 PRO 5650GE	2293	667	NA	NA
FirePro V8800	2280	669	11.52	$198.00*
GeForce MX150	2280	668	38.47	$59.29*
Ryzen 3 4300GE with Radeon Graphics	2272	671	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2272	670	NA	NA
Quadro K3100M	2271	672	5.68	$399.95*
Radeon HD 6970M	2270	673	10.51	$215.99*
Radeon R7 250X	2268	674	11.70	$194.00*
Intel HD 5600	2263	675	NA	NA
GeForce GTX 460	2260	676	25.12	$89.99*
Radeon Ryzen 7 7700X 8-Core	2254	677	NA	NA
Radeon RX 550X	2253	678	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2250	679	NA	NA
Ryzen 7 5700U with Radeon Graphics	2247	680	NA	NA
Quadro K620	2239	681	1.10	$2,029.99*
Ryzen 3 PRO 5350GE with Radeon Graphics	2238	682	NA	NA
Intel Iris Pro P580	2231	683	NA	NA
Radeon Ryzen 5 7530U	2229	684	NA	NA
Ryzen 7 Extreme Edition	2226	685	NA	NA
GRID P100-1B	2223	686	NA	NA
Intel UHD Graphics P630	2220	687	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 6870	2219	688	8.07	$275.00*
Ryzen 5 4600H with Radeon Graphics	2219	689	NA	NA
Radeon HD 5870	2215	690	7.51	$295.00*
Ryzen 7 4700G with Radeon Graphics	2186	691	NA	NA
Ryzen 5 5600U with Radeon Graphics	2181	692	NA	NA

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

Video Card

Ryzen 3 Pro 4350G with Radeon Graphics	2157	696	NA	NA
GRID P4-1B	2151	697	NA	NA
Quadro M600M	2147	698	8.52	$251.99*
GeForce GTX 745	2144	699	7.53	$284.95*
Radeon Ryzen 3 PRO 7330U	2126	700	NA	NA
Ryzen 5 PRO 7530U with Radeon Graphics	2123	701	NA	NA
FirePro M6100	2122	702	NA	NA
Radeon RX Vega 11	2120	703	2.12	$1,002.00*
Ryzen 5 5560U with Radeon Graphics	2114	704	NA	NA
Ryzen 7 4800H with Radeon Graphics	2113	705	NA	NA
GeForce 945M	2107	706	NA	NA
Radeon TM R9 A360	2105	707	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2104	708	NA	NA
Quadro P520	2103	709	1.40	$1,499.00*
FirePro M5100	2102	710	NA	NA
Radeon Ryzen 5 5600U	2100	711	NA	NA
Radeon Ryzen 5 5500U	2099	712	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2099	713	NA	NA
Intel G35 Express	2097	714	NA	NA
GeForce GTX 580M	2074	715	8.34	$248.68*
GRID M6-1Q	2069	716	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	717	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2062	719	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2062	718	NA	NA
Radeon R9 M385	2060	720	NA	NA
Quadro 5000M	2059	721	NA	NA
Radeon Ryzen 7 PRO 4750U	2054	722	NA	NA
Radeon Ryzen 7 4700U	2050	724	NA	NA
Ryzen 3 4300G with Radeon Graphics	2050	723	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2038	725	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	726	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	727	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 5 5560U	2011	730	NA	NA
GeForce GTX 460 SE	2010	731	12.57	$159.99*
Radeon Pro W5500M	2010	732	NA	NA
Ryzen 5 5500U with Radeon Graphics	2008	733	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	734	NA	NA
GeForce GT 645	2005	735	NA	NA
GeForce GTX 765M	1998	736	10.73	$186.30*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Ryzen Embedded V2718	1998	737	NA	NA
Radeon R9 M385X	1993	738	NA	NA
Ryzen 5 5625U with Radeon Graphics	1990	739	NA	NA
Ryzen 3 PRO 7330U with Radeon Graphics	1984	740	NA	NA
Radeon R7 + R7 350 Dual	1982	741	NA	NA
Intel Iris Pro 580	1980	742	NA	NA
Radeon HD 5850	1975	743	6.84	$288.99*
Radeon HD 6850	1973	744	23.22	$85.00*
Intel Iris Xe MAX	1971	745	NA	NA
Radeon Pro WX 4130	1966	746	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	1966	747	NA	NA
Radeon R7 + HD 7700 Dual	1962	748	NA	NA
Radeon Ryzen 7 PRO 5875U	1959	749	NA	NA
Radeon HD 7660D + HD 7700 Dual	1958	750	NA	NA
GeForce GTX 470M	1953	751	NA	NA
Ryzen 3 5300G with Radeon Graphics	1949	752	NA	NA
Qualcomm Adreno 8cx Gen 3	1948	753	NA	NA
GeForce GTX 670MX	1946	754	NA	NA
Quadro K4000M	1946	755	7.66	$254.00*
Radeon RX 640	1939	756	NA	NA
Radeon R7 450	1938	757	6.48	$299.00*
GeForce GTX 675M	1929	758	NA	NA
Intel Iris Xe MAX 100	1927	759	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1927	760	NA	NA

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

Video Card

GeForce GTX 560 SE	1914	764	21.27	$89.99*
Matrox C680 PCIe x16	1903	765	NA	NA
Radeon Ryzen 5 7600 6-Core	1903	766	NA	NA
Radeon HD 7700-serie	1899	767	NA	NA
Ryzen 5 4600U with Radeon Graphics	1893	768	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	769	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1887	770	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1885	771	NA	NA
Radeon Ryzen 5 PRO 5675U	1883	772	NA	NA
GeForce GTX 645	1875	773	NA	NA
GeForce GTX 460 v2	1871	774	9.36	$199.99*
Quadro M520	1870	775	NA	NA
FirePro 3D V7800	1867	776	3.11	$599.99*
Radeon Ryzen Embedded R2544	1864	777	NA	NA
GeForce GTX 570M	1863	778	NA	NA
Radeon Eng Sample: 100-000000287-40_Y	1861	779	NA	NA
GeForce MX130	1858	780	NA	NA
Intel UHD Graphics 770	1858	782	NA	NA
Radeon RX 540	1858	781	NA	NA
GeForce 945A	1852	783	NA	NA
GeForce MX230	1843	784	NA	NA
Radeon Ryzen Embedded V2748	1842	785	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M5100 FireGL V	1839	786	NA	NA
GRID M60-0B	1838	788	NA	NA
Radeon Pro WX 2100	1838	787	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	789	NA	NA
Radeon R9 M360	1833	790	NA	NA
Radeon Vega 11	1831	791	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1830	792	NA	NA
MxGPU	1826	793	NA	NA
Radeon RX Vega 11 Processor	1822	794	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox C900 PCIe x16	1812	798	NA	NA
Embedded Radeon E9173	1806	799	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	800	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics	1792	801	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1790	802	NA	NA
Radeon HD 8670D + 7700 Dual	1788	803	NA	NA
Radeon Ryzen 3 PRO 5450U	1786	804	NA	NA
Radeon 550	1772	805	23.63	$74.99
Quadro 5010M	1771	806	7.51	$235.95*
Ryzen 3 7330U with Radeon Graphics	1758	807	NA	NA
GeForce GTX 650	1751	808	15.93	$109.98*
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	809	NA	NA
Firepro W5170M	1744	810	NA	NA
Intel Iris Plus 655	1744	811	NA	NA
Radeon R9 M375X	1741	812	NA	NA
Intel UHD Graphics 750	1738	813	NA	NA
Radeon Ryzen 5 7600X 6-Core	1737	814	NA	NA
GeForce GTX 670M	1736	815	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1732	816	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1731	817	NA	NA
Radeon HD 5830	1730	818	6.68	$258.99*
Intel Iris Plus 645	1727	819	NA	NA
Intel UHD Graphics P750	1726	820	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1725	821	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1722	822	NA	NA
GeForce GTX 760M	1717	823	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1716	824	NA	NA
FirePro M6000 Mobility Pro	1712	825	NA	NA
Radeon HD 6900M	1702	826	NA	NA
Radeon Ryzen 7 7700 8-Core	1699	827	NA	NA
Radeon HD 7750	1694	828	13.04	$129.99
Radeon Vega 8 Ryzen 5 3550H	1691	829	NA	NA

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

Video Card

Ryzen 3 5425U with Radeon Graphics	1677	832	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1674	833	NA	NA
Radeon R7 M380	1668	834	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro W600	1661	835	4.00	$414.99*
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	836	NA	NA
Radeon HD HD7850M	1651	837	NA	NA
Quadro K3000M	1647	838	4.04	$407.56*
Radeon RX Vega 10	1644	840	NA	NA
Radeon Ryzen 9 7950X3D 16-Core	1644	839	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	841	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1642	842	NA	NA
Radeon HD 8870M	1638	843	NA	NA
Quadro P500	1636	844	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1636	845	NA	NA
FirePro M4000 Mobility Pro	1628	846	NA	NA
Quadro P400	1627	847	8.09	$201.17*
Intel Iris Pro P6300	1625	848	NA	NA
Radeon R7 M465X	1623	849	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1622	850	NA	NA
Intel UHD Graphics 730	1621	851	NA	NA
GeForce GTX 480M	1617	853	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	852	NA	NA
Radeon HD 6790	1616	854	5.50	$294.00*
FirePro M4000	1612	855	22.14	$72.83*
Radeon Ryzen 5 PRO 7645 6-Core	1608	856	NA	NA
Radeon RX Vega11	1605	857	NA	NA
Seria Radeon HD 7700	1603	858	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1601	859	NA	NA
Radeon Vega 9	1590	860	NA	NA
Intel Iris Plus 650	1589	861	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 5400U with Radeon Graphics	1577	863	NA	NA
Radeon Ryzen 3 5300U	1575	866	NA	NA
Radeon R9 M275X / M375	1574	867	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	868	NA	NA
GeForce GTX 555	1571	869	NA	NA
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1569	870	NA	NA
Radeon Vega 10	1563	871	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1559	872	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	873	NA	NA
Radeon Ryzen 3 5425U	1549	874	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	875	NA	NA
Ryzen 3 5300U with Radeon Graphics	1545	876	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1544	877	NA	NA
GeForce GTX 550 Ti	1543	878	15.43	$99.99*
Ryzen 3 PRO 4300U with Radeon Graphics	1542	879	NA	NA
Radeon Ryzen 7 PRO 7745 8-Core	1539	880	NA	NA
FirePro V8700	1538	881	9.75	$157.88*
Radeon R9 M275X	1537	882	NA	NA
Radeon R9 M370X	1532	883	1.72	$889.00*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon Ryzen Embedded V2516	1527	884	NA	NA
Radeon HD 4890	1526	885	16.96	$89.99*
FirePro W4100	1524	887	8.28	$184.00*
Radeon RX Vega 10 Ryzen 7 3700U	1524	886	NA	NA
GeForce GTX 285	1515	888	12.63	$119.99*
GeForce 940MX	1513	889	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1512	890	NA	NA
Radeon HD 7870M	1507	891	NA	NA
GeForce 845M	1506	892	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	893	NA	NA
Radeon HD 6670 + 7660D Dual	1492	894	NA	NA
GeForce GT 740	1491	895	6.30	$236.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen Embedded R2514	1482	899	NA	NA
Radeon R9 M365X	1481	900	NA	NA
Radeon Ryzen 3 7330U	1480	901	NA	NA
Intel UHD Graphics	1479	902	NA	NA
Quadro 4000	1478	903	1.47	$1,008.09*
Radeon R7 FX-9830P RADEON	1471	905	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1471	904	NA	NA
Intel Iris Pro Graphics 6200	1461	906	NA	NA
Radeon R9 255	1456	907	4.23	$344.16*
Radeon 550X	1451	908	NA	NA
GeForce MX110	1448	909	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	910	NA	NA
Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	911	NA	NA
GeForce GTX 660M	1436	912	18.18	$78.99*
Radeon HD 8470D + HD 6670 Dual	1435	913	NA	NA
Radeon Ryzen 7 3700U	1433	914	NA	NA
Intel Iris 650	1432	915	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	917	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	916	NA	NA
Intel Iris 550	1429	918	NA	NA
Radeon HD 7560D + 7670 Dual	1426	919	NA	NA
Radeon Vega 8 Mobile	1424	920	NA	NA
Radeon R7 M370	1417	921	NA	NA
GeForce GTX 275	1414	922	3.28	$431.72*
Radeon 540X	1413	923	NA	NA
FirePro W5130M	1409	924	NA	NA
Radeon Pro WX 4170	1409	925	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1403	926	NA	NA
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1398	927	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1391	928	NA	NA
Radeon Ryzen 3 PRO 5475U	1383	929	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	930	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)
FirePro M40003	1364	933	NA	NA
Radeon HD 8670D + 6670 Dual	1361	934	NA	NA
Quadro K2100M	1359	935	3.27	$415.99*
Radeon 540	1358	936	NA	NA
Ryzen 3 4300U with Radeon Graphics	1349	937	NA	NA
Intel Iris Plus 640	1347	938	NA	NA
Radeon HD 7560D + HD 7700 Dual	1346	939	NA	NA
Radeon HD 5770	1342	940	7.07	$189.99*
FireStream 9270	1341	941	NA	NA
Quadro 4000M	1328	942	5.72	$232.06*
GeForce GT 750M	1322	943	NA	NA
GeForce GTS 450	1322	944	16.53	$79.99*
Radeon HD 8670D + HD 7600 Dual	1317	945	NA	NA
Radeon Vega 6	1316	946	0.73	$1,799.99*
FirePro M5950	1314	947	NA	NA
Radeon HD 4870 X2	1309	949	NA	NA
Radeon R7 PRO A8-8670E	1309	948	NA	NA
Radeon HD 8790M	1305	951	NA	NA
Tesla M2070-Q	1305	950	NA	NA
Radeon 610M Ryzen 9 7945HX	1302	952	NA	NA
GeForce GTX 280	1299	954	2.49	$522.78*
Radeon Vega 6 Ryzen 3 3300U	1299	955	NA	NA
TENSOR 1.0 Driver Intel HD 630	1299	953	NA	NA
GeForce 930MX	1293	956	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1287	957	NA	NA
Radeon R7 A370	1281	958	NA	NA
FirePro 3D V8750	1271	960	1.03	$1,230.99*
Radeon 630	1271	959	NA	NA
FirePro V5900	1269	961	14.77	$86.00*
GeForce 930A	1267	962	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	963	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics 630	1245	967	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1240	968	NA	NA
Quadro 2000 D	1239	969	NA	NA
Radeon HD 8570D + 6570 Dual	1239	970	NA	NA
Radeon HD 7660D + 6670 Dual	1238	971	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	972	NA	NA
GeForce GTX 460M	1236	973	NA	NA
Radeon R7 + R5 340 Dual	1234	974	NA	NA
Radeon R7 + R7 250 Dual	1232	975	NA	NA
FirePro 3D V5800	1231	976	6.04	$204.00*
GeForce GTX 560M	1230	977	NA	NA
GeForce GT 745A	1228	978	NA	NA
GeForce GTX 260	1226	980	15.33	$79.99*
GeForce GTX 760A	1226	979	NA	NA
Quadro FX 5800	1223	981	4.46	$274.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8670D + HD 6670 Dual	1221	982	NA	NA
Radeon HD 8790M / R9 M290X	1210	983	NA	NA
GeForce GT 650M	1209	984	NA	NA
FirePro 3D V8700	1206	985	7.09	$170.07*
Radeon HD 7730	1205	986	5.18	$232.70*
N16P-GX	1204	987	NA	NA
Radeon HD 7660D + 7540D Dual	1204	988	NA	NA
Radeon R9 M270X	1204	989	NA	NA
GeForce GPU	1193	990	NA	NA
Radeon HD 7750M	1191	991	NA	NA
GeForce GTX 295	1190	994	7.44	$159.99*
Intel Iris Pro 5200	1190	993	NA	NA
Radeon R7 +8G	1190	992	NA	NA
Intel HD P630	1184	995	NA	NA
GeForce 840A	1179	996	NA	NA
NVS 810	1179	997	1.89	$624.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 Opteron X3421	1168	1001	NA	NA
Firepro W4190M	1167	1002	NA	NA
FireStream 9250	1164	1003	NA	NA
Radeon HD 5750	1163	1004	16.62	$69.99*
Barco MXRT 5400	1161	1005	5.72	$203.00*
Intel Coffee Lake UHD	1158	1007	NA	NA
Quadro K620M	1158	1006	NA	NA
Intel HD P530	1157	1008	NA	NA
RadeonT 610M	1156	1009	NA	NA
Radeon HD 8850M / R9 M265X	1139	1010	NA	NA
GeForce 830A	1138	1011	NA	NA
Radeon R9 M265X	1134	1012	NA	NA
Radeon HD 4850 X2	1132	1013	NA	NA
Radeon HD 7560D + 6670 Dual	1130	1014	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1015	NA	NA
GeForce 940M	1124	1016	NA	NA
Radeon HD 7660D + 7500 Dual	1121	1017	NA	NA
FirePro M4170	1119	1018	NA	NA
Radeon 610M	1118	1019	NA	NA
Radeon R7 A12-9800 RADEON	1118	1020	NA	NA
Radeon R9 M275	1114	1021	1.59	$699.99*
Radeon R7 430	1113	1022	7.39	$150.58*
Radeon R7 A10-7870K	1111	1023	NA	NA
Radeon R7 A10-9700E RADEON	1108	1024	NA	NA
Intel HD 630	1107	1025	NA	NA
GeForce 940A	1106	1026	NA	NA
GeForce GT 545	1100	1027	19.80	$55.59*
Quadro 2100M	1100	1029	NA	NA
Radeon HD 7660D + 6570 Dual	1100	1028	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1030	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R7 M465	1095	1031	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 850M - MODDED	1091	1035	NA	NA
Quadro K1100M	1087	1036	3.37	$322.99*
Radeon R7 M460	1087	1037	NA	NA
GeForce 840M	1085	1038	NA	NA
Radeon 625	1083	1039	NA	NA
MIRRORV3	1080	1040	NA	NA
Barco MXRT 5450	1079	1041	5.40	$199.99*
Intel UHD Graphics 710	1079	1042	NA	NA
GeForce 920MX	1077	1043	NA	NA
Radeon R7 + R7 200 Dual	1077	1044	NA	NA
Radeon R7 250	1075	1045	5.66	$189.97*
Radeon 535	1071	1046	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1047	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1048	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1049	NA	NA
Firepro M4100	1059	1050	NA	NA
OPAL XT/GL	1053	1051	NA	NA
FirePro W4170M	1052	1052	NA	NA
Radeon HD 7670A	1050	1053	NA	NA
GeForce GTX 850A	1049	1054	NA	NA
Radeon R7 A12-9730P RADEON	1047	1055	NA	NA
Radeon R7 + R7 240 Dual	1045	1056	NA	NA
Radeon HD 6750	1044	1057	13.05	$79.99*
Radeon Vega 3 Athlon 300GE	1044	1058	NA	NA
Intel UHD Graphics 620	1043	1059	NA	NA
Radeon HD 8570D + 6670 Dual	1039	1060	NA	NA
Radeon Ryzen 5 3450U	1034	1061	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	1062	NA	NA
Radeon HD 8600/8700M	1029	1063	NA	NA
Radeon R7 + R5 330 Dual	1028	1064	NA	NA
Radeon R7 340	1027	1065	NA	NA
Radeon Vega 3 Mobile	1025	1066	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 3000M	1019	1069	14.56	$69.99*
Radeon HD 6700M	1016	1070	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	1071	NA	NA
Quadro K2000M	1013	1072	7.03	$144.04*
GeForce 930M	1012	1073	NA	NA
Radeon 530	1010	1074	NA	NA
GeForce 830M	1009	1075	NA	NA
Radeon HD 7690M XT	1009	1076	NA	NA
Radeon R7 M260X	1008	1077	NA	NA
Radeon HD 7690M	1003	1078	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1079	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 7500M/7600M Dual	999	1081	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1080	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1082	NA	NA
Intel HD 530	994	1083	NA	NA
Radeon R7 A265	993	1084	NA	NA
Quadro FX 4800	991	1085	4.86	$204.00*
FirePro V4900	987	1086	6.59	$149.99*
Radeon HD 7560D + 7570 Dual	985	1087	NA	NA
Radeon HD 8690M	984	1089	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1088	NA	NA
Qualcomm Adreno 690 GPU	982	1091	NA	NA
Radeon HD 7560D + 7560D Dual	982	1090	NA	NA
Radeon R7 A10-7850K	978	1092	NA	NA
Radeon R5 A10-9630P 4C+6G	977	1093	NA	NA
Quadro 2000D	974	1094	6.96	$140.00*
Radeon HD 8670D + 8570 Dual	974	1096	NA	NA
Radeon HD 8750M	974	1095	NA	NA
Radeon HD 8850M	973	1097	NA	NA
Radeon R7 PRO A10-9700E	971	1098	1.84	$529.00*
Radeon R6 A10-9600P 4C+6G	970	1099	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 8570D + R7 240 Dual	963	1102	NA	NA
Radeon R7 PRO A12-9800E	957	1104	NA	NA
Radeon R9 M375	957	1103	NA	NA
Radeon R6 Opteron X3418	955	1105	NA	NA
Radeon HD 8570	951	1106	9.64	$98.68*
Radeon HD 8570 + HD 7660D Dual	949	1108	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1107	NA	NA
Quadro 2000	947	1109	4.44	$213.23*
Quadro CX	947	1111	6.32	$149.95*
Radeon R7 M445	947	1110	1.27	$744.00*
Radeon HD 6670/7670	945	1112	NA	NA
Radeon HD 7640G + 7690M Dual	945	1113	NA	NA
Radeon R7 PRO A10-8850B	945	1114	NA	NA
Radeon HD 7660D + R7 240 Dual	941	1115	NA	NA
Radeon HD 6750M	937	1117	NA	NA
Radeon R5 430	937	1116	15.89	$59.00*
Radeon HD 7560D + HD 8570 Dual	935	1118	NA	NA
Radeon R5 340	935	1119	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1120	NA	NA
Radeon R7 PRO A12-8870E	932	1121	NA	NA
Radeon HD 7660G + 7730M Dual	931	1122	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1123	NA	NA
FirePro M4150	928	1124	NA	NA
Radeon R7 A10-9700 RADEON	928	1125	NA	NA
Intel HD Graphics 620	927	1127	NA	NA
Radeon HD 4850	927	1126	2.45	$378.00*
GeForce GT 645M	926	1128	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-7860K	926	1129	NA	NA
Intel Iris Pro 6100	925	1131	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	925	1130	NA	NA
GeForce GT 64				NA

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

Video Card

GRID K220Q	912	1136	NA	NA
Radeon R7 A8-8650	912	1135	NA	NA
GRID M6-0B	911	1137	NA	NA
Radeon 6750M	911	1138	NA	NA
Radeon HD 4770	908	1139	15.14	$59.99*
Radeon R7 240	907	1140	8.25	$109.99*
Radeon R7 A8-7500	907	1141	NA	NA
Radeon R7 M440	905	1142	NA	NA
Intel Iris 6100	904	1144	NA	NA
Radeon R7 PRO A12-8870	904	1143	NA	NA
Radeon HD 8550G + 7600M Dual	901	1145	NA	NA
Barco MXRT 2600	900	1147	4.52	$199.00*
Barco MXRT 7400	900	1146	9.10	$99.00*
Radeon R7 PRO A10-8770	899	1148	NA	NA
Radeon 620	897	1150	NA	NA
Radeon R7 + R5 Dual	897	1149	NA	NA
Radeon R7 PRO A8-9600	893	1151	NA	NA
7900 MOD - Radeon HD 6550D	892	1152	NA	NA
Intel UHD Graphics 617	892	1153	NA	NA
Qualcomm Adreno 685 GPU	892	1154	NA	NA
Radeon Vega 3	891	1155	0.33	$2,677.99*
FirePro W2100	886	1156	15.02	$59.00*
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1157	NA	NA
Radeon HD 8650G + 7670M Dual	883	1158	NA	NA
Radeon R7 A10 PRO-7850B	882	1159	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	1160	NA	NA
Radeon R7 PRO A12-9800	877	1161	NA	NA
Radeon E6760	876	1162	3.65	$239.99*
Intel HD 520	869	1164	NA	NA
Radeon R7 G	869	1163	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1165	NA	NA
Mobility Radeon HD 4850	866	1166	NA	NA

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

Video Card

Radeon 520	859	1168	9.55	$89.99*
Radeon Vega 3 Athlon Silver 3050U	855	1170	NA	NA
FirePro 3D V4800	853	1171	5.33	$159.99*
Radeon R5 A6-9500 2C+6G	853	1172	NA	NA
Radeon R7 A8-7500 4C+6G	853	1173	NA	NA
Radeon HD 8500M/8700M	852	1174	NA	NA
Radeon Vega 3 Athlon 300U	852	1175	NA	NA
Radeon R5 435	850	1176	NA	NA
Radeon R7 A10-7890K	850	1177	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-8750	849	1179	NA	NA
Radeon Vega 3 Ryzen 3 3200U	849	1178	NA	NA
Radeon R7 A8-7670K	848	1180	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1181	NA	NA
GeForce 920A	846	1182	NA	NA
Radeon R7 A10 PRO-7800B	843	1183	NA	NA
Radeon R7 FX-8800P	840	1184	NA	NA
FireGL V8600	838	1185	NA	NA
Radeon HD 8470D + 6570 Dual	837	1186	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1187	NA	NA
Radeon HD 4830	835	1188	13.93	$59.99*
Radeon HD 6650A	835	1189	NA	NA
GeForce GT 730	833	1190	7.58	$109.99*
Radeon HD 7560D + 6570 Dual	833	1191	NA	NA
GeForce GT 635	832	1193	12.43	$66.94*
Radeon HD 7520G + HD 7500/7600 Dual	832	1192	NA	NA
Radeon HD 7660G + 7600M Dual	831	1195	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1194	NA	NA
Intel HD 5200	830	1196	NA	NA
Radeon R7 A8-9600 RADEON	828	1197	NA	NA
GRID M60-0Q	827	1198	NA	NA
Radeon R7 PRO A10-8770E	826	1199	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 3850 X2	822	1202	NA	NA
Radeon HD 7540D + 7500 Dual	821	1204	NA	NA
Radeon R7 A8-7680	821	1203	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1206	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1205	NA	NA
Radeon R7 A10 Extreme Edition	816	1208	NA	NA
Radeon R7 M260DX	816	1207	NA	NA
GeForce GT 730M	815	1209	NA	NA
Radeon HD 7670	813	1211	NA	NA
Radeon R9 M280X	813	1210	NA	NA
GeForce GT 445M	811	1213	NA	NA
Radeon HD 8670D + 7000 Dual	811	1212	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	809	1214	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1215	NA	NA
Radeon HD 5670	801	1216	11.97	$67.00*
Radeon HD 8650G + HD 8790M Dual	799	1218	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	799	1217	NA	NA
Quadro FX 3800	798	1220	3.08	$259.13*
Radeon HD 6800M	798	1219	NA	NA
Radeon R7 PRO A10-9700	798	1221	NA	NA
GeForce 9800 GX2	797	1222	4.09	$195.00*
Radeon Ryzen 3 3250U	797	1223	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1225	NA	NA
Radeon R8 M445DX	796	1224	NA	NA
GRID M10-0Q	795	1227	NA	NA

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

Radeon HD 8550G + 8750M Dual	795	1226	NA	NA
GeForce GT 740M	790	1228	NA	NA
Radeon R5 M435	789	1229	NA	NA
Radeon 535DX	788	1231	NA	NA
Radeon R7 A8-7600	788	1230	NA	NA
Radeon HD 865				NA

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

Video Card

Radeon R7 A10-7700K	782	1235	NA	NA
Quadro 2000M	781	1236	3.40	$229.74*
Radeon R7 A365	781	1238	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1237	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1239	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1240	NA	NA
Mobility Radeon HD 5000	773	1243	NA	NA
Radeon HD 7600M + 7600M Dual	773	1241	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1242	NA	NA
Radeon R7 A10-8850	773	1244	NA	NA
GeForce 730A	771	1245	NA	NA
GeForce GT 440	771	1247	3.43	$225.00*
Radeon R7 M365X	771	1246	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1248	NA	NA
GeForce 9800 GTX	769	1250	10.26	$74.99*
Radeon HD 4810	769	1249	NA	NA
Radeon R7 PRO A10-8750B	767	1251	NA	NA
Radeon R7 M270	766	1252	NA	NA
Mobility Radeon HD 5850	763	1254	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1253	NA	NA
Radeon HD 6450 + 8470D Dual	762	1255	NA	NA
Radeon HD 8730M	761	1256	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	1257	NA	NA
Radeon HD 7730M	759	1258	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	1259	NA	NA
Radeon HD 7660G + 7700M Dual	757	1262	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	1261	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	757	1260	NA	NA
Quadro 1100M	755	1263	NA	NA
Radeon HD 7640G + 7450M Dual	754	1264	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1265	NA	NA
Radeon HD 6650M	751	1266	NA	NA

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

Video Card

Radeon M535DX	749	1269	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1270	NA	NA
Quadro K420	747	1273	2.78	$269.00*
Radeon HD 7640G + 7650M Dual	747	1271	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1272	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1274	NA	NA
Radeon HD 7660G + 7610M Dual	745	1275	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K600	744	1277	12.35	$60.24*
Radeon Athlon Gold 3150U	744	1276	NA	NA
Radeon HD 7660G + 7670M Dual	743	1279	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1278	NA	NA
GeForce GT 730A	742	1280	NA	NA
Intel Iris 5100	742	1281	NA	NA
Intel UHD Graphics 615	742	1282	NA	NA
Radeon HD 8650G + 7600M Dual	741	1284	NA	NA
Radeon R7 A8-7650K	741	1283	NA	NA
Radeon R7 A12-9700P RADEON	740	1285	1.70	$435.92*
Radeon R7 FX-9800P RADEON	740	1286	1.40	$530.00*
GeForce GT 340	738	1288	13.93	$52.99*
Intel Poison Ivy	738	1287	NA	NA
Radeon HD 7670M + 7670M Dual	738	1289	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1290	NA	NA
Radeon R5 A10-9620P 4C+6G	731	1291	NA	NA
Radeon HD 6670	730	1292	10.59	$68.99*
Radeon HD 7550M/7650M	728	1294	NA	NA
Radeon R7 A12-9720P RADEON	728	1293	1.99	$365.48*
GRID K140Q	727	1295	NA	NA
Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4	726	1296	NA	NA
GeForce 920M	723	1297	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1298	NA	NA

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

Video Card

Asus GTX 650 PHL II EC-EGPU	720	1302	NA	NA
Mobility Radeon HD 4870	719	1303	NA	NA
Quadro K610M	719	1304	3.00	$240.00*
Radeon HD 7540D + 6570 Dual	719	1305	NA	NA
Intel UHD Graphics 610	718	1307	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1306	NA	NA
Radeon HD 8470D + 6450 Dual	717	1308	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1309	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	715	1310	NA	NA
Radeon Vega 3 Athlon 320GE	714	1311	NA	NA
Radeon R7 A10-7800	712	1312	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1313	NA	NA
Radeon HD 3870 X2	708	1314	NA	NA
Radeon HD 6550A	707	1315	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1316	NA	NA
GRID M10-0B	705	1318	NA	NA
Radeon HD 7640G + 7600M Dual	705	1317	NA	NA
NVS 510	704	1321	6.29	$111.99*
Radeon HD 7640G + HD 7600M Dual	704	1320	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1319	NA	NA
Radeon R7 PRO A12-9800B	702	1322	NA	NA
Radeon HD 7570M/HD 7670M	699	1324	NA	NA
TRINITY DEVASTATOR MOBILE	699	1323	NA	NA

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

Radeon R5 A6-7480	698	1325	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1326	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1327	NA	NA
Intel HD 610	690	1329	NA	NA
Radeon HD 7640G + 7700M Dual	690	1328	NA	NA
GeForce GT 640M LE	689	1331	0.81	$849.99*
Radeon R5 PRO A6-8530B 2C+4G	689	1330	NA	NA
Radeon HD 764				NA

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

Video Card

Radeon HD 6630M	684	1335	NA	NA
GRID P40-3Q	681	1336	NA	NA
GeForce GT 630	680	1337	4.63	$147.01*
Radeon Athlon Silver 3050U	679	1338	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1340	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1339	NA	NA
GeForce GTS 160M	678	1341	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1343	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	677	1342	NA	NA
Quadro FX 4700 X2	676	1345	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1344	NA	NA
Radeon R7 A8 PRO-7600B	670	1346	NA	NA
Radeon R8 M535DX	670	1347	NA	NA
Radeon R7 PRO A10-9700B	669	1348	NA	NA
GeForce GT 740A	667	1349	NA	NA
FirePro M7740	665	1352	NA	NA
GeForce GT 530	665	1351	13.58	$49.00*
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1350	NA	NA
Radeon HD 8550G + 8690M Dual	664	1353	NA	NA
Radeon R7 M340	663	1354	NA	NA
FireGL V7700	660	1356	9.43	$69.99*
GeForce GT 555M	660	1355	3.73	$177.20*
Radeon HD 2900 XT	659	1357	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1358	NA	NA
GeForce GT 140	657	1359	NA	NA
Radeon HD 7640G + 8750M Dual	654	1360	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1361	NA	NA
Radeon HD 8650G + 8570M Dual	654	1362	NA	NA
GeForce GTS 360M	651	1364	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1365	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1363	NA	NA

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

Video Card

FirePro V3900	649	1369	2.72	$238.44*
Radeon R5 M430	648	1370	NA	NA
FireStream 9170	647	1371	NA	NA
Radeon HD 5600/5700	646	1373	NA	NA
Radeon HD 6670 + 6670 Dual	646	1372	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8610G + HD 8500M Dual	645	1374	NA	NA
Radeon HD 7640G + 7670M Dual	644	1375	NA	NA
Radeon HD 7540D + HD 6450 Dual	643	1376	NA	NA
GeForce 8800 Ultra	642	1377	NA	NA
Quadro K510M	641	1378	NA	NA
Radeon HD 7640G + 7400M Dual	637	1380	NA	NA
Radeon HD 8450G + 8750M Dual	637	1381	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1379	NA	NA
GeForce 9800 S	635	1382	NA	NA
GeForce GT 735M	635	1383	NA	NA
Radeon HD 8650G + 8670M Dual	635	1384	NA	NA
Intel HD P4600/P4700	634	1385	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1386	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1387	NA	NA
Intel HD 515	632	1388	NA	NA
Radeon HD 7610M	632	1389	NA	NA
GeForce GT 710	631	1391	2.53	$249.99*
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	631	1390	NA	NA
Intel HD 4600	630	1394	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1392	NA	NA
Radeon HD 7660G + 7470M Dual	630	1393	NA	NA
NVS 5400M	629	1396	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1395	NA	NA
GRID K160Q	628	1397	NA	NA
Radeon HD 2900 PRO	627	1398	NA	NA
Radeon HD 76				NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + HD 8600/8700M Dual	623	1402	NA	NA
GeForce 810A	622	1403	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1404	NA	NA
Radeon HD 8570 + 8670D Dual	620	1405	NA	NA
Radeon R6	620	1406	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1407	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1408	NA	NA
Radeon HD 8550G + 8600M Dual	617	1409	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1411	NA	NA
Radeon HD 7570	616	1410	6.02	$102.49*
FireGL V7600	615	1412	NA	NA
GeForce 720A	614	1413	NA	NA
Radeon HD 8650G + 8600M Dual	613	1414	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1415	NA	NA
7900 MOD - Radeon HD 6520G	610	1416	NA	NA
Radeon HD 8610G + 8500M Dual	610	1417	NA	NA
GeForce GT 720	609	1418	6.09	$99.99*
GeForce 9800 GTX/9800 GTX+	608	1419	6.76	$89.99*
Radeon HD 7640G + HD 8500M Dual	607	1421	NA	NA
Radeon R7 A360	607	1420	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1422	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 3800M	605	1423	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1425	NA	NA
Radeon R6 M255DX	605	1424	NA	NA
Intel HD P4600	604	1426	NA	NA
GeForce GT 430	602	1428	4.30	$139.99*
GeForce GTS 250	602	1429	8.60	$69.99*
Radeon HD 8550G + 8500M Dual	602	1427	NA	NA
GeForce 910M	601	1431	NA	NA
Radeon R8 M365DX	601	1430	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 8510G + 8500M Dual	596	1435	NA	NA
Radeon HD 7640G + 7470M Dual	595	1437	NA	NA
Radeon R5 M330	595	1436	NA	NA
Qualcomm Adreno 7c+ Gen 3	594	1439	NA	NA
Radeon Vega 3 Athlon Gold 3150U	594	1438	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1441	NA	NA
Radeon R7 PRO A12-8830B	593	1440	NA	NA
Surface Duo Adreno 640 GPU	592	1442	NA	NA
Radeon HD 7520G + 7600M Dual	591	1443	NA	NA
GeForce 8800 GTX	590	1446	4.92	$119.99*
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590	1445	NA	NA
Radeon Vega 3 3020e	590	1444	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1447	NA	NA
Radeon HD 7520G + 7610M Dual	588	1449	NA	NA
Radeon HD 7660G + 7400M Dual	588	1450	NA	NA
Radeon HD 8610G + 8600M Dual	588	1448	NA	NA
Intel HD 5500	587	1451	NA	NA
Radeon HD 7660G + 8670M Dual	587	1452	NA	NA
Radeon HD 7640G + HD 8600/8700M Dual	586	1453	NA	NA
Radeon R5 A6-8500P	586	1454	NA	NA
Radeon HD 7640G + 8500M Dual	585	1455	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1456	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1457	NA	NA
GeForce GT 720A	581	1458	NA	NA
Intel HD 5000	579	1460	0.93	$625.00*
Radeon HD 8550G + 8670M Dual	579	1459	NA	NA
GeForce GT 550M	578	1461	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1462	NA	NA
Radeon HD 7620G + 8670M Dual	577	1464	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1463	NA	NA
Intel Skylake HD DT GT2	576	1465	NA	NA
Radeon R5 A240	576	1466	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 7520G + HD 7700M Dual	574	1469	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1471	NA	NA
Radeon R5 420	574	1470	14.39	$39.95*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 820M	573	1472	NA	NA
Radeon HD 7650A	572	1473	2.19	$262.00*
Quadro 1000M	570	1475	10.47	$54.50*
Quadro 500M	570	1474	2.07	$275.14*
Radeon R6 + R7 M265DX Dual	570	1476	NA	NA
Radeon HD 7560D + 6450 Dual	568	1477	NA	NA
Radeon R7 M360	567	1478	NA	NA
Radeon HD 8550D	566	1479	NA	NA
Radeon HD 6610M	565	1480	NA	NA
Radeon R7E	564	1481	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1482	NA	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	562	1483	NA	NA
GeForce GT 635M	561	1484	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1485	NA	NA
Radeon HD 7640G + 8570M Dual	558	1488	NA	NA
Radeon HD 7640G + 8670M Dual	558	1487	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1486	NA	NA
Radeon HD 6570	557	1489	8.58	$64.99*
GeForce GTS 240	556	1490	8.56	$64.99*
GeForce 820A	555	1491	NA	NA
Radeon Athlon PRO 3045B	555	1492	NA	NA
Radeon HD 3870	555	1493	7.93	$69.99*
GeForce 9800M GS	554	1494	NA	NA
GF117	554	1495	NA	NA
GeForce GTS 250M	553	1497	NA	NA
Radeon R7 M265	553	1496	NA	NA
Radeon Vega 3 Athlon Silver 3050e	552	1498	NA	NA
Radeon R7 785				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 3870	547	1503	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1502	NA	NA
FirePro 3D V5700	546	1504	1.71	$319.99*
Radeon HD 8550G + HD 8670M Dual	546	1505	NA	NA
FirePro 3D V7750	545	1508	1.56	$350.00*
GeForce 615	545	1506	NA	NA
Radeon HD 8450G + 8600M Dual	545	1507	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1509	NA	NA
Quadro FX 2700	543	1511	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1510	NA	NA
Radeon HD 7520G + 7470M Dual	542	1512	NA	NA
GeForce GT 630M	541	1513	NA	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	540	1514	NA	NA
GeForce GT 435M	539	1516	NA	NA
Qualcomm Adreno 675 GPU	539	1515	NA	NA
Mobility Radeon HD 5570	538	1517	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1518	NA	NA
Radeon R5 240	536	1519	6.31	$85.00*
Quadro 600	535	1520	7.05	$76.00*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 7560D + HD 7000 Dual	534	1521	NA	NA
GRID K180Q	533	1522	NA	NA
Radeon HD 8550G + 8570M Dual	532	1523	NA	NA
Radeon R6 A10-8700P	532	1524	NA	NA
Radeon HD 8650G	531	1525	NA	NA
RADEON HD6530D	531	1527	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1526	NA	NA
Radeon HD 8670D	530	1528	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1529	NA	NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1532	NA	NA
Radeon HD 7640G + 6400M Dual	526	1530	NA	NA
Radeon R5 M255	526	1531	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 + R5 235 Dual	523	1534	NA	NA
Radeon HD 7660G + HD 7600M Dual	523	1536	NA	NA
Radeon 6600M	521	1538	NA	NA
Intel HD 4400	520	1539	NA	NA
Radeon HD 8670M	520	1541	NA	NA
Radeon R5 330	520	1540	1.53	$339.99*
Radeon HD 7640G + HD 7670M Dual	518	1542	NA	NA
IncredibIE HD 4000	517	1543	NA	NA
Intel HD P4000	516	1545	NA	NA
NVS 5200M	516	1544	NA	NA
GeForce GT 240	512	1546	3.18	$160.97*
Mobility Radeon HD 4830	511	1547	NA	NA
Radeon HD 7640G + 7610M Dual	510	1548	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1549	NA	NA
Radeon HD 7620G + 8600M Dual	508	1550	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1551	NA	NA
Radeon HD 7620G + HD 8670M Dual	507	1552	NA	NA
GeForce 9800 GTX+	506	1553	NA	NA
Radeon Vega 2	506	1554	NA	NA
GeForce GTS 150M	504	1556	NA	NA
Radeon HD 7660D	504	1555	NA	NA
Radeon HD 8450G + HD 8750M Dual	503	1557	NA	NA
GeForce 820M	500	1558	NA	NA
Mobility Radeon HD 5730	499	1559	NA	NA
Radeon R7 M265DX	498	1560	NA	NA
TRINITY SCRAPPER MOBILE	498	1561	NA	NA
Radeon HD 7500G + 7550M Dual	497	1563	NA	NA
SUMO 964A	497	1562	NA	NA
ASUS EAH4870x2	496	1565	NA	NA
Radeon R7 M260	496	1564	0.62	$799.00*
Radeon HD 7520G + HD 7670M Dual	495	1566	NA	NA
Radeon HD 8690A	493	1567	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)
GeForce 9600 GT	489	1570	7.53	$64.99*
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1571	NA	NA
GeForce 8800 GT	487	1572	6.97	$69.99*
Radeon HD 8550G + R5 M230 Dual	487	1573	NA	NA
Radeon R4E	487	1574	NA	NA
Radeon HD 7520G + 7400M Dual	486	1575	NA	NA
Radeon HD 5570	483	1576	2.76	$175.36*
GeForce GT 540M	481	1577	5.47	$87.95*
Radeon HD 8610G + HD 8600M Dual	480	1578	NA	NA
Mobility Radeon HD 5000 Serisi	478	1579	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1580	NA	NA
Mobility Radeon HD 3870 X2	477	1581	NA	NA
Radeon HD 8450G + HD 8670M Dual	477	1582	NA	NA
GeForce 800A	476	1584	NA	NA
Radeon HD 7600G + HD 7500M/7600M Dual	476	1583	NA	NA
GeForce 710A	475	1586	NA	NA
Radeon HD 7660G	475	1587	NA	NA
Radeon HD 7670M	475	1585	0.75	$629.99*
Radeon HD 7640G + HD 8570M Dual	474	1590	NA	NA
Radeon HD 8450G + 8670M Dual	474	1589	NA	NA
Radeon R6 A8-8600P	474	1588	NA	NA
Radeon R5 M315	473	1591	NA	NA
FirePro 3D V3800	472	1592	3.15	$149.99*
Radeon HD 8570D + R5 235 Dual	470	1593	NA	NA
Quadro FX 1800M	466	1595	NA	NA
Quadro FX 3600M	466	1594	NA	NA
GeForce GT 625M	465	1598	NA	NA
Radeon HD 7660D + 7470 Dual	465	1597	NA	NA
SUMO 9644	465	1596	NA	NA
FirePro V5700	464	1601	2.47	$188.06*
GeForce 9800 GT	464	1602	6.19	$74.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4670	463	1605	NA	NA
Radeon Vega 2 Athlon Silver 3050U	463	1603	NA	NA
GeForce 710M	462	1606	NA	NA
GeForce 8800M GTX	462	1607	NA	NA
GeForce GT 525M	461	1608	NA	NA
Radeon HD 7560D	460	1610	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1609	NA	NA
Intel HD Family	459	1611	NA	NA
Radeon HD 7640G	458	1612	NA	NA
GeForce 800M	457	1614	NA	NA
GeForce GT625M	457	1615	NA	NA
Radeon 3020e	457	1613	NA	NA
Quadro FX 3700M	456	1616	0.49	$925.00*
GeForce 705M	455	1617	NA	NA
GeForce 9800M GTX	454	1618	1.38	$328.50*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + 7650M Dual	453	1619	NA	NA
Radeon HD 8450G + HD 8600M Dual	452	1620	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1621	NA	NA
Mobility Radeon HD 5650	448	1622	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1623	NA	NA
GeForce GT 710M	445	1626	NA	NA
PHDGD Ivy 5	445	1625	NA	NA
Radeon HD 7660G + 8600M Dual	445	1624	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1627	NA	NA
Radeon HD 7650M	442	1628	NA	NA
Quadro 410	441	1630	3.42	$129.00*
Radeon HD 8570M	441	1629	NA	NA
GeForce GT 620M	439	1633	NA	NA
Radeon HD 8570D	439	1632	NA	NA
Radeon R5 M320	439	1631	NA	NA
Radeon HD 760				NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 3850 AGP	432	1637	NA	NA
Quadro FX 4600	430	1639	1.29	$333.25*
Radeon HD 7570M	430	1638	NA	NA
Radeon HD 8610G	425	1640	NA	NA
FirePro M2000	424	1641	NA	NA
GeForce GT 420	423	1643	2.73	$155.00*
Radeon HD 7600G + 7550M Dual	423	1644	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1642	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1646	NA	NA
RADEON HD6410D	422	1645	NA	NA
GeForce 8800 GTS	419	1647	5.25	$79.99*
Intel 4th Generation Haswell HD	419	1648	NA	NA
Quadro FX 2800M	418	1650	2.20	$190.00*
Radeon HD 8500M	418	1649	NA	NA
Radeon R5 M230	415	1651	NA	NA
Radeon HD 8550G	409	1652	NA	NA
GeForce 810M	408	1653	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1654	NA	NA
GeForce GTS 350M	407	1655	NA	NA
Radeon HD 7470M	407	1656	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1657	NA	NA
GeForce GT 420M	405	1660	NA	NA
RADEON E4690	405	1659	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1658	NA	NA
Radeon HD 6550D	404	1661	NA	NA
GeForce 9800M GTS	401	1663	NA	NA
Mobility Radeon HD 4650	401	1662	NA	NA
GeForce GT 330	400	1664	10.02	$39.99*
Quadro FX 1800	399	1665	2.96	$135.00*
Radeon HD 8650D	396	1666	NA	NA
Radeon R5 Opteron X3216	394	1667	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price D)

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

Video Card

Incredible HD	389	1671	NA	NA
Radeon HD 7600G + 7450M Dual	389	1670	NA	NA
GeForce 7900 GTX	387	1672	NA	NA
GeForce GT 335M	384	1673	NA	NA
GeForce 8800M GTS	382	1674	NA	NA
GeForce 9800M GT	381	1675	NA	NA
GeForce GT 130	381	1676	2.52	$151.34*
Quadro FX 3700	380	1677	1.79	$213.27*
GeForce GTX 260M	379	1679	NA	NA
Radeon HD 4670	379	1678	2.66	$142.96*
Radeon HD 6490M	377	1680	0.32	$1,193.03*
GeForce GT 620	376	1684	2.45	$154.00*
Radeon HD 5550	376	1683	6.85	$54.99*
Radeon HD 7520G + 8750M Dual	376	1681	NA	NA
Radeon HD 7600G + 6400M Dual	376	1682	NA	NA
PHDGD Ivy 4	374	1686	NA	NA
Radeon HD 8570D + HD8490 Dual	374	1685	NA	NA
Intel UHD Graphics 605	372	1687	NA	NA
Quadro FX 2700M	370	1688	3.70	$99.95*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1689	NA	NA
Matrox Millennium P690 PCIe x16	366	1690	NA	NA
Mobility Radeon HD 3850	365	1692	NA	NA
Radeon HD4670	365	1691	NA	NA
Radeon 3015e	364	1695	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1693	NA	NA
Radeon HD 8470D	364	1694	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1696	NA	NA
Radeon HD 7620G	359	1697	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1698	NA	NA
Radeon HD 8510G	356	1699	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1700	NA	NA
Intel HD 505				NA

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

Video Card

GeForce GT 625	350	1704	NA	NA
Radeon HD 7580D	350	1705	NA	NA
Radeon HD 8450G	346	1706	NA	NA
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	346	1707	NA	NA
Intel HD 4000	345	1708	0.22	$1,592.95*
GeForce 7950 GT	344	1709	1.69	$203.99*
FireGL V5600	341	1712	1.52	$225.00*
FirePro 3D V3750	341	1710	6.71	$50.88*
Radeon HD 6620G	341	1711	NA	NA
Radeon HD 8310E	340	1713	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1714	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1715	NA	NA
Radeon HD 6530D	337	1716	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 235	336	1717	5.59	$60.13*
FirePro RG220	335	1718	0.52	$650.18*
Radeon HD 7600G + 8500M/8700M Dual	333	1720	NA	NA
Radeon R4	333	1719	0.84	$396.99*
GeForce GT 705	331	1722	1.12	$296.76*
Radeon R5 310	331	1721	0.66	$499.00*
GeForce 8800 GS	330	1724	NA	NA
Radeon HD 7540D	330	1723	NA	NA
GeForce 9600 GSO 512	329	1725	NA	NA
Radeon HD 7450M	329	1727	NA	NA
Radeon HD 7600G	329	1726	NA	NA
Radeon HD 7600G + HD 7400M Dual	328	1728	NA	NA
GeForce 9600 GSO	327	1729	6.54	$49.99*
GeForce GT 120 / 9500 GT	324	1730	NA	NA
GeForce GT 230	323	1733	7.35	$43.99*
Intel UHD Graphics 600	323	1732	NA	NA
Radeon E6460	323	1731	NA	NA
FirePro V3800				$124.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 560v	318	1737	NA	NA
GeForce 605	317	1738	2.32	$136.83*
Radeon HD 7520G	315	1739	NA	NA
Radeon HD 8370D	314	1740	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1741	NA	NA
GeForce GT 520	308	1743	1.01	$304.00*
Radeon HD 7420G	308	1742	NA	NA
Radeon HD 7500G	307	1744	NA	NA
GeForce GT 610	306	1745	2.19	$139.99*
Quadro FX 3500M	306	1746	3.06	$99.99*
Radeon HD 8350G	304	1747	NA	NA
Radeon R3	303	1748	NA	NA
Radeon R1E	301	1749	NA	NA
NVS 315	299	1751	4.27	$69.99*
Radeon HD 6520G	299	1750	NA	NA
Intel HD 500	298	1752	NA	NA
Radeon R5E	296	1753	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1755	NA	NA
GRID K120Q	293	1754	NA	NA
Radeon HD 2900 GT	292	1756	NA	NA
GeForce 610M	291	1757	NA	NA
GeForce 7800 GTX	290	1758	4.06	$71.60*
Radeon HD 7470	289	1759	3.55	$81.37*
Radeon HD 7450A	288	1760	NA	NA
GeForce 7950 Xtreme	287	1761	NA	NA
GeForce GT 415M	286	1763	NA	NA
Intel HD P3000	286	1762	NA	NA
Mobility Radeon HD 5165	284	1764	NA	NA
GeForce GT 520MX	282	1765	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Qualcomm Adreno 630 GPU	282	1766	NA	NA
Radeon HD 2600 XT	282	1767	1.78	$159.00*

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

Video Card

NVS 4200M	278	1770	0.70	$399.00*
Radeon HD 7480D	278	1771	NA	NA
Radeon R5 235X	277	1773	NA	NA
Radeon HD 6370M	275	1774	NA	NA
Radeon HD 8400E	275	1775	NA	NA
GeForce 9650M GS	270	1777	NA	NA
GeForce Go 7900 GTX	270	1776	NA	NA
Radeon HD 8280G	269	1778	NA	NA
Radeon HD 5470	268	1779	NA	NA
Radeon HD 7400G	267	1780	NA	NA
Mobility Radeon HD 550v	266	1782	NA	NA
Radeon HD 8330E	266	1781	NA	NA
GeForce Go 7950 GTX	263	1783	NA	NA
Radeon HD 8490	263	1784	2.92	$89.99*
Radeon HD 8400	261	1785	NA	NA
Radeon HD 6450A	260	1787	NA	NA
Radeon HD 8280	260	1786	NA	NA
Quadro FX 3500	259	1788	3.77	$68.98*
GeForce 7900 GT	258	1789	1.30	$199.00*
GeForce 410M	257	1791	NA	NA
Radeon HD 8330	257	1790	NA	NA
Intel HD 3000	255	1793	0.27	$945.00*
Radeon HD 6480G	255	1792	NA	NA
GeForce 510	254	1794	3.64	$69.99*
Radeon HD 6370D	254	1795	NA	NA
GeForce 7900 GS	253	1796	NA	NA
Quadro NVS 510M	253	1797	NA	NA
GeForce GT 415	251	1799	NA	NA
Radeon HD 8470	251	1798	NA	NA
Radeon HD 7640G + 8600M Dual	249	1800	NA	NA
GeForce 7900 GT/GTO	247	1802	NA	NA
NVS 310	247	1801	3.99	$62.06*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 5500	242	1805	0.12	$1,999.00*
Radeon HD4650	239	1806	1.57	$152.90*
Mobility Radeon HD 5470	236	1809	NA	NA
Quadro FX 4500 X2	236	1810	NA	NA
Radeon HD 6410D	236	1807	NA	NA
Radeon HD 8280E	236	1808	NA	NA
Mobile Intel HD	235	1811	0.49	$479.98*
Radeon HD 4550	235	1812	1.51	$156.00*
Radeon HD 8240	234	1813	NA	NA
Mobility Radeon HD 3670	232	1815	NA	NA

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

Quadro FX 570	232	1814	2.03	$115.00*
Radeon E6465	231	1816	NA	NA
Radeon HD 4650	230	1817	3.30	$69.99*
Quadro NVS 290	228	1818	3.86	$59.00*
Quadro FX 4500	227	1820	1.34	$169.00*
Radeon HD 6470M	227	1819	0.40	$569.99*
Radeon HD 7450	225	1821	4.51	$49.99*
GT 430	223	1822	1.56	$142.88*
Intel G965 Express	222	1823	NA	NA
Radeon HD 7340M	221	1825	NA	NA
Radeon R5 230	221	1824	2.74	$81.10*
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1826	NA	NA
Mobility FireGL V5725	219	1827	NA	NA
GeForce 7600 GT	217	1830	1.09	$199.00*
Quadro FX 2500M	217	1828	12.45	$17.50*
Radeon HD 8250	217	1829	NA	NA
Radeon HD 6320 Graphic	216	1831	NA	NA
Mobility Radeon. HD 5470	215	1832	NA	NA
Quadro FX 880M	215	1833	NA	NA
GeForce GT 220	214	1834	5.36	$39.99*
Mobility Radeon HD 5450	214	1835	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 2600 PRO	211	1839	1.12	$188.44*
GeForce Go 7600 GT	210	1841	NA	NA
GeForce GT 330M	210	1840	NA	NA
GeForce 320M	209	1842	NA	NA
GeForce Go 7800 GTX	209	1843	NA	NA
GeForce 9700M GT	208	1844	NA	NA
Quadro NVS 320M	208	1845	NA	NA
Intel Q45/Q43 Express Chipset	207	1846	NA	NA
Radeon HD 4650 AGP	207	1847	NA	NA
Barco MXRT 1450	205	1849	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1850	NA	NA
Radeon R3E	205	1848	NA	NA
GeForce GT 240M	203	1851	NA	NA
GeForce 7950 GX2	201	1852	3.67	$54.99*
Radeon HD 6380G	200	1853	0.50	$399.99*
Mobility Radeon HD 545v	199	1854	NA	NA
RADEON HD7450	199	1855	8.95	$22.25*
Radeon HD 6320M	198	1856	NA	NA
Radeon HD 6450	198	1857	2.23	$89.00*
Quadro FX 1500	197	1858	1.71	$115.01*
Radeon HD 7340G	196	1859	NA	NA
Intel Infoshock HD	193	1860	NA	NA
Radeon HD 8210E	193	1861	NA	NA
Radeon HD 6430M	192	1862	NA	NA
GeForce 6800 GS	191	1864	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 2600 XT	191	1863	NA	NA
Mobility Radeon HD 4550	191	1865	NA	NA
Mobility Radeon HD 540v	188	1867	NA	NA
NVS 5100M	188	1866	NA	NA
GeForce 9500 GS	187	1868	NA	NA
Intel 2nd Generation SandyBridge HD	185	1869	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
Barco MXRT 7100	180	1874	NA	NA
Radeon HD 7310G	180	1873	NA	NA
FireGL V3600	179	1875	1.12	$160.99*
Quadro FX 3450/4000 SDI	179	1876	NA	NA
Radeon HD 6230	179	1877	NA	NA
FirePro 3D V3700	178	1878	2.10	$84.99*
GeForce 7800 GS	177	1879	NA	NA
GeForce Go 7900 GS	176	1880	NA	NA
Mobility Radeon HD 530v	174	1881	NA	NA
Radeon HD 7310 - Carte graphique	174	1882	NA	NA
Intel Q965/Q963 Express	172	1884	NA	NA
Quadro FX 1700M	172	1883	NA	NA
Quadro FX 1500M	171	1885	NA	NA
FirePro 2460	170	1888	2.03	$83.99*
Quadro FX 770M	170	1886	0.32	$527.00*
Radeon HDG 4670	170	1887	NA	NA
GeForce GT 325M	169	1889	NA	NA
GeForce 9200	168	1891	NA	NA
GeForce GT 120	168	1890	5.63	$29.99*
GeForce G102M	167	1893	NA	NA
Mobility Radeon HD 2600	167	1892	NA	NA
Radeon HD 7310M	166	1894	NA	NA
Intel HD manual-gen9_2015-133271	165	1895	NA	NA
Radeon HD 7350	165	1896	NA	NA
Quadro FX 380	162	1898	2.24	$72.50*
Radeon HD 8350	162	1897	1.63	$99.81*
GeForce 315	158	1899	4.80	$32.99*
GeForce 7600 GS	157	1900	0.90	$175.00*
Quadro FX 580	156	1901	1.20	$130.00*
GeForce 8200	155	1902	NA	NA
Radeon HD 4300/4500 Serisi	155	1903	NA	NA
Radeon HD 3450	154	1905	1.73	$89.00*

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

Video Card

Radeon HD 7340	153	1907	0.28	$552.69*
GeForce GT 120M	152	1908	NA	NA
Radeon X1950 CrossFire Edition	151	1909	NA	NA
GeForce 305M	150	1911	NA	NA
Quadro FX 1700	150	1910	0.43	$350.14*
Radeon HD 3650 AGP	150	1912	0.81	$185.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8600 GTS	149	1913	0.62	$241.99*
GeForce 8400 GS	148	1914	1.73	$85.97*
Mobility Radeon HD 4350	148	1917	NA	NA
Quadro 400	148	1916	0.70	$211.00*
Quadro FX 3450	148	1915	1.24	$119.99*
GeForce Go 7700	147	1918	NA	NA
Radeon HD 6320	147	1919	0.27	$554.99*
ZX Chrome 645/640 GPU	147	1920	NA	NA
GeForce GT 130M	146	1922	NA	NA
S3 5400EW	146	1921	NA	NA
Radeon X1900 GT	145	1923	NA	NA
GeForce 9200M GE	143	1924	NA	NA
Radeon HD 6300M	143	1925	NA	NA
FirePro 2270	142	1926	1.06	$134.00*
GeForce 6800 GT	142	1927	NA	NA
Mobility Radeon HD 4570	142	1928	1.87	$75.90*
GeForce 9400 GT	141	1929	0.89	$159.99*
Mobility Radeon HD 3650	140	1933	1.91	$73.53*
nForce 760i SLI	140	1935	NA	NA
Radeon HD 4290	140	1931	NA	NA
Radeon HD 6290M	140	1934	NA	NA
RADEON HD 6350	140	1930	2.39	$59.00*
Radeon X1800 GTO	140	1932	NA	NA
Intel Haswell HD - GT2	139	1937	NA	NA
NVS 2100M	139	1936	NA	NA

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

Video Card

GeForce 9600M GT	137	1944	1.75	$78.20*
GeForce 9650M GT	137	1942	1.17	$117.30*
GeForce Go 6800 Ultra	137	1940	NA	NA
Quadro NVS 160M	137	1941	NA	NA
Radeon X1900 CrossFire Edition	137	1945	NA	NA
GeForce 7300 GT	136	1946	0.91	$149.99*
GeForce G200	136	1948	NA	NA
Radeon HD 5450	136	1947	1.44	$94.96*
Mobility Radeon HD 4330	135	1949	NA	NA
EAH5450	134	1953	1.22	$109.99*
GeForce 7650 GS	134	1954	NA	NA
GeForce 9800 GT 1024MB	134	1952	NA	NA
Intel B43 Express Chipset	134	1951	NA	NA
Mobility Radeon X1900	134	1950	NA	NA
Radeon R5 220	133	1955	1.56	$85.26*
VIA/S3G C-645/640 GPU	132	1956	NA	NA
Quadro FX 1600M	131	1957	0.87	$149.90*
MOBILITY RADEON X1800	130	1958	NA	NA
GeForce 8500 GT	129	1960	NA	NA
RADEON X800 SE	129	1959	NA	NA
FireGL V7300	128	1963	0.11	$1,189.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9300 / nForce 730i	128	1961	NA	NA
Radeon HD 4350	128	1964	1.25	$102.24*
Radeon HD 7310	128	1962	NA	NA
All-in-Wonder X1900	127	1966	NA	NA
GeForce Go 7600	127	1965	NA	NA
GeForce 205	126	1969	NA	NA
GeForce 9300	126	1967	2.15	$59.00*
Radeon HD 3300	126	1968	NA	NA
Qualcomm Adreno 618 GPU	125	1970	NA	NA
GeForce 8700M GT	124	1972	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G105M	123	1974	NA	NA
Intel Haswell HD - GT1	123	1977	NA	NA
Radeon HD 7290M	123	1975	NA	NA
Quadro FX 380 LP	122	1978	NA	NA
Radeon HD 4250	122	1979	NA	NA
Radeon HD 6310	122	1980	NA	NA
GeForce 9500M G	121	1983	NA	NA
GeForce GT 220M	121	1982	NA	NA
NVS 300	121	1981	1.93	$62.97*
Extreme AX850 PRO	120	1987	NA	NA
GeForce 405	120	1986	4.89	$24.64*
Quadro FX 380M	120	1984	NA	NA
Radeon HD 2400	120	1985	1.37	$88.20*
GeForce 310	119	1988	1.10	$108.35*
GeForce 505	118	1993	1.03	$115.06*
GeForce 9600M GS	118	1994	NA	NA
Qualcomm Adreno 540 GPU	118	1992	NA	NA
Radeon HD 2400 XT	118	1989	NA	NA
Radeon HD 3470	118	1991	1.08	$109.65*
RV530 PRO	118	1990	NA	NA
FireMV 2260	117	1996	1.33	$88.08*
GeForce 8600 GT	117	1995	0.60	$196.00*
Mobile Intel 45 Express-Chipsatzfamilie	117	1997	NA	NA
FireGL V7200	116	2000	NA	NA
PHDGD Quantic C3	116	1998	NA	NA
Radeon X1700 Targa Edition	116	1999	NA	NA
GeForce 315M	115	2003	NA	NA
GeForce 8300 GS	115	2004	NA	NA
GeForce G210M	115	2002	NA	NA
Radeon HD 4330	115	2005	NA	NA
Radeon X1600 XT	115	2001	NA	NA
FireGL V5200	114	2009	0.86	$133.40*

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

Video Card

Radeon HD 2400 Pro	114	2010	NA	NA
RADEON X800 GTO	114	2006	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel G41 Express Chipset	113	2012	NA	NA
Quadro FX 560	113	2011	0.76	$150.25*
FirePro 2260	112	2014	NA	NA
GeForce 6800	112	2015	0.20	$559.29*
GeForce 8400M GS	112	2017	1.44	$78.20*
Intel HD Modded	112	2018	NA	NA
Radeon X1950 Pro	112	2013	NA	NA
Sapphire RADEON X800 GT	112	2016	NA	NA
GeForce 9200M GS	111	2021	NA	NA
Mobility Radeon HD 3400 Serisi	111	2022	NA	NA
Radeon HD 4200	111	2020	NA	NA
Radeon HD 7290	111	2019	NA	NA
FireGL V7350	110	2024	0.93	$119.42*
GeForce 310M	110	2023	NA	NA
Radeon HD 2600 Pro AGP	110	2025	NA	NA
GeForce 210	109	2029	2.02	$54.15*
GeForce 6800 LE	109	2027	NA	NA
Radeon HD 4270	109	2026	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2028	NA	NA
Intel Media Accelerator HD	108	2030	NA	NA
Quadro FX 370 LP	108	2031	NA	NA
GeForce Go 6800	106	2034	NA	NA
Radeon Infoshock 3000	106	2032	NA	NA
Radeon X1950 GT	106	2033	NA	NA
GeForce GT 320M	105	2036	NA	NA
GeForce9400M	105	2035	NA	NA
Intel G45/G43 Express Chipset	105	2037	NA	NA
Radeon HD 6290	105	2038	NA	NA
GeForce 9450	104	2039	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 570M	104	2043	NA	NA
FireGL V3400	103	2045	NA	NA
GeForce 9500M	103	2044	1.02	$101.20*
GeForce G210	103	2046	0.84	$122.12*
GeForce 6800 GS/XT	102	2048	NA	NA
GeForce 9300 GS	102	2049	1.71	$59.95*
GeForce 9500M GS	102	2050	NA	NA
Mobility Radeon HD 2400 XT	102	2051	NA	NA
Quadro FX 370 Low Profile	102	2047	NA	NA
GeForce 8300	101	2053	4.48	$22.68*
Quadro FX 4000	101	2054	NA	NA
Quadro FX Go1400	101	2052	NA	NA
Matrox G200e WDDM 2.0	100	2055	NA	NA
GeForce 9400	98	2057	NA	NA
Mobility Radeon HD 3430	98	2060	NA	NA
Mobility Radeon HD 4250	98	2058	NA	NA
Radeon 3000	98	2059	0.31	$319.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1600 Pro	98	2056	NA	NA
GeForce 9300GE	97	2062	1.01	$97.20*
ION LE	97	2061	NA	NA
Quadro NVS 130M	97	2064	NA	NA
RADEON X800 XT	97	2063	NA	NA
Mobility Radeon HD serie 4200	96	2065	NA	NA
GeForce 6700 XL	95	2067	NA	NA
Radeon HD 3000	95	2066	NA	NA
Matrox G200eW3 WDDM 2.0	94	2069	NA	NA
MEDION RADEON X740XL	94	2068	NA	NA
Mobility Radeon HD 3470	93	2072	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2070	NA	NA
Quadro FX 370M	93	2073	NA	NA
Radeon HD 6250	93	2071	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 X1600	92	2077	NA	NA
nForce 780a SLI	92	2078	NA	NA
GeForce 8600 GS	91	2079	NA	NA
GeForce G205M	91	2081	NA	NA
Mobility Radeon HD 3450	91	2082	NA	NA
RADEON X600XT	91	2080	NA	NA
Mobility Radeon HD 4200	90	2083	NA	NA
GeForce 7500 LE	89	2086	NA	NA
GeForce 8600M GT	89	2084	0.83	$108.10*
Mobility Radeon HD 2400	89	2085	NA	NA
GeForce 6610 XL	88	2087	NA	NA
GeForce 9300M GS	87	2088	2.02	$43.42*
GeForce 6600	86	2090	0.33	$264.00*
Intel Q35 Express	86	2091	NA	NA
Quadro FX 360M	86	2089	NA	NA
Quadro FX 350	85	2092	NA	NA
ALL-IN-WONDER X800 GT	84	2096	NA	NA
FireGL V3200	84	2093	NA	NA
GeForce 9300M G	84	2095	NA	NA
ION	84	2098	0.37	$229.99*
Radeon X1300 PRO	84	2097	NA	NA
Radeon X1650 Pro	84	2094	0.53	$160.89*
RADEON X800 GT	84	2099	NA	NA
GeForce 999 GTX	83	2100	NA	NA
nForce 750a SLI	83	2102	NA	NA
Quadro FX 370	83	2101	0.67	$125.00*
Radeon HD 3200	82	2103	NA	NA
GeForce 8400	81	2110	0.14	$589.99*
GeForce 9100	81	2104	NA	NA
GeForce 9300 SE	81	2108	NA	NA
MOBILITY FireGL V5000	81	2107	NA	NA
Mobility Radeon 4100	81	2112	NA	NA

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

Video Card

RADEON X800 XT Platinum Edition	81	2111	NA	NA
RADEON X850 XT	81	2113	NA	NA
RADEON X850 XT Platinum Edition	81	2105	NA	NA
GeForce 7300 LE	80	2115	2.50	$32.00*
Quadro FX 540	80	2114	1.35	$59.99*
GeForce 8100 / nForce 720a	79	2118	NA	NA
Quadro NVS 295	79	2116	1.27	$63.00*
RADEON X800GT	79	2117	NA	NA
GeForce 7300 GS	78	2119	NA	NA
GeForce 9300 GE	76	2121	3.32	$22.99*
Radeon HD 2350	76	2120	NA	NA
M860G with Mobility Radeon 4100	75	2123	NA	NA
RADEON X700 PRO	75	2122	NA	NA
GeForce 7350 LE	74	2125	NA	NA
Radeon X1650 GTO	74	2124	NA	NA
FireMV 2450	73	2126	NA	NA
Mobility Radeon HD 4300 Serisi	73	2129	NA	NA
Radeon 3100	73	2127	0.41	$179.39*
RADEON X800 PRO/GTO	73	2128	NA	NA
RADEON X700	72	2131	NA	NA
RADEON X850 PRO	72	2130	NA	NA
FireGL V7100	71	2132	0.22	$328.67*
M880G with Mobility Radeon HD 4225	71	2134	NA	NA
MEDION RADEON 9800 XXL	71	2133	NA	NA
Radeon X1650 SE	71	2136	NA	NA
RADEON X700 SE	71	2135	NA	NA
Diamond X1300-PCIE 256MB	70	2141	NA	NA
FireGL V3300	70	2138	NA	NA
GeForce 8600M GS	70	2139	NA	NA
Quadro NVS 150M	70	2140	NA	NA
Radeon X550XTX	70	2137	NA	NA
BASICDISPLAY	69	2143	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 140M	69	2147	NA	NA
Quadro NVS 420	69	2142	0.47	$150.00*
Radeon X1600 Pro / X1300XT	69	2146	NA	NA
RADEON X800 XL	69	2145	NA	NA
FireGL V3350	68	2149	NA	NA
GeForce 8400 SE	68	2150	NA	NA
GeForce 9100M G	68	2151	NA	NA
GeForce 9400M	67	2154	NA	NA
GeForce 9400M G	67	2155	NA	NA
Intel G45/G43/G41 Express Chipset	67	2152	NA	NA
Matrox G200eR WDDM 2.0	67	2153	NA	NA
RADEON X600 PRO	67	2156	0.42	$160.49*
GeForce 8400M GT	66	2159	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 4225	66	2161	NA	NA
MOBILITY RADEON X700	66	2158	NA	NA
Quadro NVS 450	66	2157	0.42	$159.00*
Radeon X1550	66	2160	0.43	$155.00*
GeForce Go 7400	65	2162	NA	NA
RADEON X800 PRO	64	2163	NA	NA
Quadro FX 550	63	2164	0.22	$287.82*
GeForce G 103M	62	2168	NA	NA
GeForce G 105M	62	2165	NA	NA
Intel HD manual-15.28-1861	62	2167	NA	NA
MOBILITY FireGL V3200	62	2169	NA	NA
Mobility Radeon HD 3410	62	2166	NA	NA
SAPPHIRE Radeon X1550	61	2170	NA	NA
FireGL X1	59	2176	NA	NA
GeForce FX 5950 Ultra	59	2175	NA	NA
Matrox G200e WDDM 1.2	59	2174	NA	NA
MOBILITY RADEON X700 XL	59	2171	NA	NA
Radeon 2100	59	2172	0.31	$190.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8400M G	58	2178	NA	NA
Radeon X1300	58	2179	0.61	$95.78*
Intel - Express Chipset Q45/Q43	57	2181	NA	NA
Intel G41 Express-Chipsatz	57	2183	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2184	NA	NA
RADEON 9800	57	2182	0.18	$325.00*
Intel - Express Chipset G41	56	2186	NA	NA
RADEON 9800 XT	56	2185	NA	NA
RADEON X550XT	56	2188	NA	NA
RADEON X600 256MB HyperMemory	56	2187	NA	NA
GeForce 6200 TurboCache	53	2190	NA	NA
RADEON 9700 PRO	53	2189	NA	NA
FireGL V3100	52	2191	NA	NA
GeForce Go 7300	52	2194	NA	NA
Quadro NVS 135M	52	2193	NA	NA
Radeon Xpress 1300	52	2192	NA	NA
FirePro 2450	51	2200	0.57	$89.99*
GeForce 6600 LE	51	2198	NA	NA
GeForce 7100 GS	51	2199	NA	NA
GeForce FX Go5700	51	2197	NA	NA
Matrox G200eh WDDM 1.2	51	2195	NA	NA
RADEON E2400	51	2196	NA	NA
Intel G33/G31 Express	50	2202	NA	NA
Matrox G200eW WDDM 1.2	50	2205	NA	NA
Mobility Radeon HD 2300	50	2203	NA	NA
MOBILITY RADEON X600	50	2204	NA	NA
RADEON X550	50	2201	NA	NA
MOBILITY RADEON X600 SE	49	2207	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1050	49	2208	NA	NA
Radeon X1600	49	2206	NA	NA
RADEON X600 SE	49	2209	0.87	$56.18*

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

Video Card

GeForce 7300 SE/7200 GS	47	2213	NA	NA
Quadro NVS 110M	47	2215	NA	NA
Radeon X1550 64-bit	47	2214	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2216	NA	NA
Matrox G200eh WDDM 2.0	46	2218	NA	NA
MOBILITY RADEON 9800	46	2219	NA	NA
Quadro NVS 120M	46	2217	NA	NA
FireMV 2250	45	2220	0.44	$104.00*
GeForce Go 7200	45	2222	NA	NA
Matrox G200eR WDDM 1.2	45	2221	NA	NA
GeForce Go 6600 TE/6200 TE	44	2224	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2227	NA	NA
Mobile Intel serie 4 Express	44	2226	NA	NA
MOBILITY FireGL V5200	44	2223	NA	NA
Quadro FX 350M	44	2225	NA	NA
Radeon 9700 TX w/TV-Out	44	2228	NA	NA
Mobile Intel 45 Express	43	2229	NA	NA
Matrox M9138 LP PCIe x16	42	2233	NA	NA
Mobility Radeon X1400	42	2230	NA	NA
Quadro NVS 285	42	2234	0.25	$169.86*
RADEON 9600 PRO	42	2231	NA	NA
Radeon Xpress 1250	42	2232	NA	NA
GeForce 7050 / nForce 620i	41	2236	NA	NA
GeForce 7100 / nForce 630i	41	2237	NA	NA
GeForce FX 5900 Ultra	41	2238	NA	NA
RADEON 9500 PRO / 9700	41	2235	NA	NA
GeForce FX 5700	40	2239	NA	NA
GeForce FX 5900XT	40	2244	NA	NA
Matrox G200eh	40	2241	NA	NA
Matrox M9148 LP PCIe x16	40	2243	NA	NA
MOBILITY FIREGL T2	40	2240	NA	NA
Radeon Xpress 1300M	40	2242	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 9600/9700	39	2249	NA	NA
Mobility Radeon X1300	39	2247	NA	NA
Mobility Radeon X1350	39	2245	NA	NA
S3 Chrome 430 ULP	39	2248	NA	NA
GeForce 6500	38	2252	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2251	NA	NA
Quadro NVS 285 128MB	38	2253	0.70	$55.00*
RADEON X300SE	38	2254	NA	NA
256MB DDR Radeon 9800 XT	37	2256	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 6200	37	2258	0.37	$99.99*
GeForce 6200SE TurboCache	37	2260	NA	NA
GeForce 7050 / nForce 630i	37	2255	NA	NA
Quadro NVS 440	37	2257	0.16	$228.87*
Radeon X1250	37	2259	NA	NA
CONNECT 3D RADEON X300	36	2262	NA	NA
FireMV 2200 PCIe	36	2264	0.40	$89.99*
Matrox G200eR	36	2261	NA	NA
MOBILITY RADEON 9600	36	2265	NA	NA
RADEON 9500	36	2263	0.90	$40.50*
Quadro FX 1100	35	2266	0.17	$212.99*
RADEON 9600 XT	35	2268	NA	NA
Radeon Xpress 1200	35	2267	NA	NA
GeForce FX 5700 Ultra	34	2274	NA	NA
GeForce FX 5900	34	2271	NA	NA
GeForce PCX 5750	34	2269	NA	NA
GeForce PCX 5900	34	2275	NA	NA
Quadro FX 1000	34	2273	NA	NA
Quadro FX 1300	34	2272	NA	NA
RADEON 9550	34	2270	0.12	$291.74*
Radeon Xpress 1100	34	2276	NA	NA
GeForce 6150 LE	33	2280	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 X1450	33	2281	NA	NA
MOBILITY RADEON X300	33	2277	NA	NA
S3 Chrome S27 DDR3	33	2279	NA	NA
GeForce 6200 A-LE	32	2288	NA	NA
GeForce 7025 / nForce 630a	32	2285	NA	NA
GeForce FX 5900ZT	32	2286	NA	NA
Intel Media Accelerator	32	2284	NA	NA
Radeon X1200	32	2287	NA	NA
GeForce 7050 PV / nForce 630a	31	2291	NA	NA
Matrox M9128 LP PCIe x16	31	2289	NA	NA
Radeon X1270	31	2292	NA	NA
Red Hat QXL controller	31	2290	NA	NA
All-in-Wonder X1800XL	30	2296	NA	NA
FireGL T2-128	30	2293	NA	NA
GeForce 6150SE nForce 430	30	2294	NA	NA
MOBILITY RADEON 9550	30	2295	NA	NA
Radeon 9550 / X1050	29	2299	NA	NA
Radeon Xpress 1150	29	2297	NA	NA
RADEON XPRESS 200	29	2298	NA	NA
GeForce 6100	27	2304	NA	NA
GeForce 6200 LE	27	2300	0.68	$41.24*
MOBILITY FireGL V5250	27	2302	NA	NA
MOBILITY RADEON 9700	27	2301	NA	NA
MOBILITY RADEON XPRESS 200	27	2305	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9600SE	27	2303	NA	NA
GeForce 6100 nForce 405	26	2306	NA	NA
GeForce 7100 / nForce 620i	26	2309	NA	NA
RADEON 9600 PRO Family	26	2307	NA	NA
Radeon Xpress 1270	26	2308	NA	NA
GeForce 6100 nForce 400	25	2314	NA	NA
GeForce 6100 nForce 420	25	2313	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Video Card				
PHDGD Sapphire GR for Mobile Intel 965	25	2310	NA	NA
RADEON 9600 Family	25	2316	NA	NA
GeForce 6150SE	24	2318	NA	NA
GeForce FX 5700LE	24	2319	NA	NA
GeForce Go 6400	24	2320	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2321	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2317	NA	NA
ALL-IN-WONDER 9800	23	2325	NA	NA
GeForce 6100 nForce 430	23	2327	NA	NA
GeForce 7200 GS	23	2326	NA	NA
Matrox M9140 LP PCIe x16	23	2324	NA	NA
Quadro NVS 210S	23	2322	NA	NA
RADEON 9800 SE	23	2323	NA	NA
RADEON A9800XT	22	2328	NA	NA
RADEON XPRESS 200M	22	2329	NA	NA
GeForce 6150	21	2330	0.07	$329.00*
PHDGD Solo 2 x64	20	2332	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2331	NA	NA
GeForce Go 6150	19	2334	NA	NA
Matrox M9120 PCIe x16	19	2333	NA	NA
GeForce 7150M / nForce 630M	18	2338	NA	NA
Quadro FX 2000	18	2340	NA	NA
QXL KMDOD	18	2335	NA	NA
RADEON 9600 TX Family	18	2337	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2339	NA	NA
S3 Chrome S25 DDR2	18	2336	NA	NA
GeForce FX 5600 Ultra	17	2344	NA	NA
GeForce FX Go 5600	17	2342	NA	NA
GeForce Go 6100	17	2341	NA	NA
Mobile Intel965 Express	17	2343	NA	NA
GeForce FX Go5650	16	2345	NA	NA
GRID V100-8Q	16	2346	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)
Quadro FX 500/600 PCI	14	2349	NA	NA
Radeon HD 2400 PCI	14	2350	NA	NA
GeForce 7000M	13	2351	NA	NA
GeForce 7000M / nForce 610M	12	2352	NA	NA
GeForce FX 5200 Ultra	12	2355	NA	NA
GeForce FX 5600	12	2353	NA	NA
GeForce FX Go5300	12	2354	NA	NA
FireMV 2400 PCIe	11	2358	NA	NA
GeForce FX 5200SE	11	2356	NA	NA
Intel 82945G Express	11	2357	NA	NA
PHDGD Solo 1.2.0 x86	11	2360	NA	NA
RGH Drivers v3	11	2359	NA	NA
Master X3100 Driver	10	2361	NA	NA
MOBILITY IGP 9000/9100	10	2362	NA	NA
ASUS A7000	9	2365	NA	NA
GeForce FX 5600XT	9	2366	NA	NA
Matrox Parhelia 256MB	9	2363	NA	NA
VIA Chrome9 HD IGP	9	2364	NA	NA
GeCube RADEON 7000	8	2367	NA	NA
GeForce FX 5500	8	2370	0.05	$153.97*
GeForce FX Go 5200	8	2368	NA	NA
Intel 82945G Express-Chipsatzfamilie	8	2373	NA	NA
Intel Q35 Embedded	8	2369	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839	8	2371	NA	NA
Quadro NVS 280 PCI	8	2372	0.06	$130.00*
ASUS V9520-X V62.11	7	2376	NA	NA
GeForce FX 5100	7	2375	NA	NA
GeForce FX 5200	7	2378	0.06	$129.00*
GeForce FX 5200LE	7	2381	0.16	$42.99*
GeForce4 Ti 4400	7	2380	NA	NA
Intel US15 Embedded Media and Controller	7	2379	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce2 Ultra	6	2389	NA	NA
GeForce4 MX Integrated GPU	6	2387	NA	NA
GeForce4 Ti 4800 SE	6	2383	NA	NA
Intel Media Accelerator 600	6	2382	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2384	NA	NA
MOBILITY RADEON 7000 IGP	6	2390	NA	NA
Quadro NVS 55/280 PCI	6	2393	NA	NA
Quadro4 380 XGL	6	2385	NA	NA
RADEON 8500 Family	6	2386	NA	NA
RADEON 9100 Family	6	2392	NA	NA
RADEON IGP 350M	6	2394	NA	NA
V9560XT	6	2388	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2404	NA	NA
GeForce 256	5	2415	0.12	$42.04*
GeForce4 420 Go 32M	5	2409	NA	NA
GeForce4 440 Go 64M	5	2395	NA	NA
GeForce4 448 Go	5	2406	NA	NA
GeForce4 Ti 4200	5	2405	NA	NA
GeForce4 Ti 4600	5	2407	0.10	$53.99*
GeForce4 Ti 4800	5	2397	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Intel 82915G Express	5	2401	NA	NA
Intel Q33 Express	5	2414	NA	NA
Matrox Millennium P650 PCIe 128	5	2410	NA	NA
Matrox Parhelia APVe	5	2403	NA	NA
Mobile Intel 945GM Express	5	2398	NA	NA
Mobile Intel 945GM/GU Express	5	2411	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2402	NA	NA
NVIDIA GeForce3 Ti200	5	2400	NA	NA
Quadro 280 NVS PCIe	5	2399	NA	NA
Quadro4 980 XGL	5	2416	0.01	$341.43*
RADEON 9100 IGP	5	2408	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 9000	4	2419	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2438	NA	NA
Dell 8200	4	2440	NA	NA
GeForce2 Go	4	2444	NA	NA
GeForce2 Integrated GPU	4	2439	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2423	NA	NA
GeForce2 Ti	4	2431	NA	NA
GeForce3	4	2420	NA	NA
GeForce3 Ti 200	4	2446	NA	NA
GeForce4 440	4	2417	NA	NA
GeForce4 MX 4000	4	2437	NA	NA
GeForce4 MX 420	4	2424	NA	NA
GeForce4 MX 440	4	2434	NA	NA
GeForce4 MX 440 with AGP8X	4	2421	NA	NA
GeForce4 MX 440SE	4	2433	NA	NA
GeForce4 MX 460	4	2443	NA	NA
Intel 82865G Controller	4	2428	NA	NA
Intel 915G,910G Express	4	2448	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2429	NA	NA
Intel 945G Embedded Chipset Function 0	4	2436	NA	NA
MOBILITY FIREGL 7800	4	2425	NA	NA
MOBILITY/RADEON 9000	4	2445	NA	NA
Quadro2 MXR/EX	4	2435	NA	NA
Quadro4 900 XGL	4	2418	NA	NA
RADEON 7500 Family	4	2426	NA	NA
RADEON 9000	4	2430	NA	NA
VIA Chrome9 HC IGP	4	2441	NA	NA
VIA/S3G KM400/KN400	4	2447	NA	NA
VIA/S3G UniChrome IGP	4	2442	NA	NA
VIA/S3G UniChrome Pro IGP	4	2427	NA	NA
WinFast A250 LE	4	2422	NA	NA
XGI Volari Family v1.13.23.D_V	4	2432	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)
GeForce 6200A	3	2460	0.07	$54.99*
GeForce2 GTS/GeForce2 Pro	3	2449	NA	NA
GeForce2 MX 100/200	3	2473	NA	NA
GeForce2 MX/MX 400	3	2451	NA	NA
GeForce4 420 Go	3	2470	NA	NA
GeForce4 4200 Go	3	2450	NA	NA
GeForce4 440 Go	3	2457	NA	NA
Intel 82915G/915GV/910GL	3	2458	NA	NA
Intel 82915G/GV/910GL Express	3	2479	NA	NA
Intel 865 Embedded Controller	3	2459	NA	NA
Intel 946GZ Embedded Chipset	3	2474	NA	NA
Intel Media Accelerator 500	3	2466	NA	NA
Matrox Parhelia 128MB	3	2468	0.01	$393.99*
MOBILITY RADEON 7500	3	2462	NA	NA
MOBILITY RADEON 9000	3	2472	NA	NA
MOBILITY RADEON 9200	3	2481	NA	NA
RADEON 7000 / RADEON VE Family	3	2454	NA	NA
RADEON 7500	3	2475	0.02	$177.25*
RADEON 9000 Family	3	2464	NA	NA
RADEON 9200	3	2461	0.02	$153.63*
RADEON IGP 320	3	2456	NA	NA
Radeon IGP 320M	3	2463	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2478	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2455	NA	NA
RIVA TNT2/TNT2 Pro	3	2467	NA	NA
S3 Inc. Savage4	3	2476	NA	NA
Vanta/Vanta LT	3	2480	NA	NA
VIA Chrome9 HC IGP Family	3	2453	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2465	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2469	NA	NA
VIA/S3G DeltaChrome IGP	3	2471	NA	NA

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

Video Card

GeForce3 Ti 500	2	2499	NA	NA
Intel 82845G Controller	2	2505	NA	NA
Intel 82845G/GL Controller	2	2494	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2485	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2493	NA	NA
Intel 946GZ Express	2	2482	NA	NA
Intel GMA 3150 Express	2	2500	NA	NA
Intel Media Accelerator 3150	2	2484	NA	NA
MOBILITY RADEON 9100 IGP	2	2483	NA	NA
Quadro NVS 280 SD	2	2502	NA	NA
Radeon 7000 / Radeon VE	2	2491	NA	NA
RADEON 7200	2	2486	0.00	$599.99*
RADEON 9200 LE Family	2	2495	NA	NA
RADEON 9200 PRO Family	2	2487	NA	NA
RADEON 9200 SE	2	2498	NA	NA
RADEON 9250	2	2496	0.01	$194.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon IGP 340M	2	2501	NA	NA
RADEON IGP 345M	2	2490	NA	NA
Radeon VE	2	2506	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2504	NA	NA
VIA Chrome9 HC IGP WDDM	2	2488	NA	NA
VIA Chrome9 HC3 IGP	2	2492	NA	NA
FireMV 2200 PCI	1	2519	NA	NA
Intel 82852/82855 GM/GME Controller	1	2516	NA	NA
Intel Extreme Controller	1	2507	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2510	NA	NA
Mobile Intel 945 Express	1	2511	NA	NA
Quadro2 Pro	1	2518	NA	NA
RADEON IGP 34xM	1	2513	NA	NA
Rage 128 Pro	1	2515	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2517	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VisionTek Radeon 7000	1	2509	NA	NA

** - Last price seen from our affiliates.*

Video Card

Software

- BurnInTest
- PerformanceTest
- OSForensics
- MemTest86
- WirelessMon
- Management Console
- Zoom Search Engine
- Free Software

Hardware

- USB3.0 Loopback Plugs
- USB2.0 Loopback Plugs
- PCIe Test Cards
- USB Power Delivery Tester
- Serial and Parallel Loopback Plugs
- USB Short Circuit Testers

Benchmarks

- CPU Benchmarks
- Video Card Benchmarks
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- RAM Benchmarks
- PC Systems Benchmarks
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- Database Benchmarks
- Android Benchmarks
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